

Radio Shack®

Exclusive Products for 1982 by the Leader in Consumer Electronics/Microcomputer Retailing and Manufacturing, The Nationwide Supermarket of Sound'



Our Slim-Styled, Slim-Priced "Everything System"

This year's "dream system" proves smaller can be better. Our trim, new STA-111 receiver stands merely 3 1/4" tall, yet its computerized AM/FM tuner gives you auto-scanning, 12-station pushbutton memory and a digital frequency display. You also get two Minimus®-11 die-cast speakers that take little more space than a few books, new low-profile LAB-395 direct-drive turntable with cartridge and dust cover, and our new SCT-24 cassette deck equipped for metal tape — styled in 1982 vintage Champagne Silver. Plus: PRO-30 headphones for the magic of private stereo listening. And because we (and our factories!) want to be your hi-fi company, we've also slimmed down the "each" price — by 23% when you buy the system!

Save \$200⁷⁰

Regular
Separate Items \$679
\$879.70

Introducing the Exciting Realistic® Video Disc Player

A Wonderful World of Entertainment and Information on Low-Cost Discs That Play Through Your Own TV—Free of Commercials and Interruptions!

NEW FOR '82



Only **499⁹⁵** Including Remote Control

- Easier to Use Than a Record Changer
- Superb Picture and Sound Quality
- Quick, Easy Hookup to Your TV Set
- Separate RF, Video and Audio Outputs

TWO BIG FEATURES MOST OTHERS LEAVE OUT!

FULLY AUTOMATIC! Insert disc sleeve, then remove—disc remains inside, player starts. You haven't touched the disc or a single control. Remove disc, player stops.

VISUAL SEARCH! Go forward or reverse at 8 or 60 times normal speed to find or repeat favorite scenes—with a viewable picture!

Realistic CED-1. Now you can see what you want to see, when you want to see it! Enjoy classic films and recent releases, sports, drama, the arts, children's shows, TV specials and "How To" courses. All this—with more to come—is now available on discs costing only one-half to one-third as much as video tapes. The color picture is great, free of snow, ghosts and fading. And an output jack lets you play 20-15,000 Hz hi-fi sound through your music system for theater-like audio. Or, play it through your TV speaker. Stereo-adaptable, too. So why wait? Enjoy your next show at home! 16-301 499.95

Full-Function Remote Control

Standard on Realistic, extra-cost or unavailable on others. Duplicates all front panel controls. From 20 feet away, you can go forward or reverse at 8 or 60 times normal speed with a viewable, synchronized picture; return to beginning of disc, or pause to answer the phone, then resume without missing one word or frame!

SPECIFICATIONS. System Type: CED (Capacitance Electronic Disc), compatible with all RCA and RCA-type discs. **Stylus:** Long-life micro-tip diamond. **Motor:** Direct-drive DC. **Playing Time:** 60 minutes per side, max. **Visual Search Speeds:** 8X and 60X, forward and reverse, with viewable picture and muted sound. **Outputs:** RF, Ch. 3 or 4, to 300 or 75-ohm antenna terminals; **Video,** for plug-in connection to receivers with video input jacks; **Audio,** for plug-in connection to hi-fi system. **Controls:** Return (to beginning of disc), Play/Pause, Forward and Reverse Search 8X/60X. **Automatic Functions:** Disc loading and cueing, power and motor on/off, antenna switching, stylus cleaning. **LED Indicators:** Side 1, Side 2, Elapsed Playing Time, Pause "On". **Audio Frequency Response:** 20-15,000 Hz. **Audio S/N Ratio:** 50 dB. **Size:** 4 1/4 x 16 1/2 x 16 1/4". **Power Requirement:** 120VAC, 60 Hz, 25W. U.L. listed.

SOME VIDEO DISCS ARE IN STOCK AT MOST RADIO SHACK STORES — DISC CATALOG INCLUDED WITH PLAYER

www.RadioShackCatalogs.com

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Radio Shack is 61 Years of Bringing High Technology From the Laboratory to the Living Room, Affordably!



Radio Shack is Also 28 Factories in Five Countries

The products shown above are just a representative sampling of the hundreds of items manufactured by Radio Shack in our own factories. Self-manufacturing, whether it's a computer or a stereo receiver or a connecting cable, is an important factor in helping Radio Shack to keep product quality high, production costs down, and customers happy. 6000 people work in more than 2 million square feet of manufacturing and assembly space in the United States, Canada, Japan, South Korea and Taiwan.

Radio Shack is the Leader That Gives You More

Four years ago we became the first company to mass-produce personal computers with the introduction of our TRS-80.[®] Today, we remain the acknowledged leader in microcomputers. In addition, we're continuously updating all of our lines to make our products even better. Radio Shack engineering makes sure our brands offer the latest in electronics.

Radio Shack is People Dedicated To Bringing You the Best

We know you want equipment that works, not "bargains" that break down when you get them home. Our experienced quality control engineers maintain very high technical standards. Plus, our products are backed by meaningful guarantees. Service and original factory parts are available through our stores in 53 countries. Radio Shack has 156 company-operated repair and computer service centers in the USA alone.

Radio Shack is Exclusive Brands Famous for Quality and Value

Our products are custom-made by or for us and no one else. When you choose our nationally advertised brands, you are buying the latest in electronics technology. Remember, there's only one place you can find it—the Radio Shack store or dealer near you.

Radio Shack is Friendly Salespeople You Can Talk To

Because our people deal only in our brands, they know the products and can answer your questions intelligently, without double-talk. Depend on us to help you.

EIA MEMBER. Our membership in the Electronics Industry Association is another assurance that our products meet high industry standards.



USE YOUR CREDIT CARD TO BUY NOW, PAY LATER. Honored at most of our locations. Other credit plans may be available, too.

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Computer-Controlled, Digital-Synthesized Receiver! With the Power and Features for Today's Music

NEW FOR '93



- Stores 12 Stations — 6 FM, 6 AM — In Memory for Instant Recall
- LED Signal Strength and Power Meters • LED Function Indicators
- Dual-Gate MOSFET Tuner • 3 Linear-Phase Ceramic Filters
- Human-Engineered Controls for Convenience and Easy Operation

599⁹⁵

*90 watts per channel,
minimum rms into 8 ohms
from 20-20,000 Hz, with
no more than 0.05%
total harmonic distortion

Realistic® STA-2290. A magnificent technological achievement from its great-looking front panel, designed with "human engineered" controls and indicators for ease of operation, to its powerful 90-watt* amplifier. The latest in microprocessor and MOSFET technology deliver unmatched performance and versatility. CMOS LSI frequency synthesizer provides precise tuning and the exact frequency is displayed on a large fluorescent readout. Feathertouch tuning lets you manually step up or down the FM band in 200 kHz steps, 10 kHz on AM; search automatically tunes up or down to the next station. You can store up to six FM and six AM stations in memory for instant, pushbutton recall, and the memory is protected for up to one hour in the event of a power failure. You get inputs and outputs for two tape decks with tape monitoring and dubbing capabilities. You can copy tapes, make recordings while listening to another source, or record from any source in your system. Jacks for two magnetic phonos, and aux jacks for ceramic phono or third tape deck. Three linear-phase ceramic filters provide superb selectivity with low distortion, and a quadrature FM detector and PLL stereo detector deliver great stereo reception with excellent separation. MPX Blend helps eliminate noise and hiss when making recordings with a Dolby** -equipped tape deck. Protection circuitry helps prevent damage due to overload or thermal problems. U.L. listed, 31-3009

**TM Dolby Laboratories, Inc.

599.95



Three 21-position detented tone controls — bass, treble and midrange — let you adjust for greater "presence," bring out the vocalist and tailor the sound to your taste

Specifications

AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. **Signal-to-Noise Ratio:** 85 dB phono, 90 dB aux. **Phono Input Overload:** 230 millivolts. **FM TUNER.** Sensitivity (IHF): 1.8 microvolts (10.33 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 74 dB. **Alternate Channel Selectivity:** 70 dB. **Image Ratio:** 75 dB. **Harmonic Distortion (Stereo):** 0.2%. **Stereo Separation (at 1 kHz):** 50 dB. **AM Suppression:** 62 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300-ohm FM antenna, push-connect terminals for A and B speaker pairs, headphone jack, preamp output, main amp input, phono-type and DIN jacks for Tape-1 in/out and Tape-2 in/out, Phono-1 and Phono-2 input jacks, one switched and one unswitched AC outlet, phono ground. **SIZE:** 5 1/8 x 19 1/2 x 16 1/2"



Large, easy-to-read digital frequency display plus LED signal strength, FM stereo, power meter, memory and function indicators



24-LED power indicators respond to sound peaks 10 times faster than analog meters to help you prevent speaker overdriving. Pushbutton selection of two ranges: 0 to 1.5 and 0 to 150 watts

"Everything System" Featuring The STA-2290 Digital Receiver

Realistic complete music systems are "performance matched" so you are assured of the compatibility of each component in the system to every other component — with no "weak links." Each component — receiver, turntable, tape deck, speaker systems and equalizer — has been specifically selected to create a balanced system that will deliver the finest sound from every music source and in any listening environment. And you get more music for your money with system savings!

Save \$200⁶⁵

- Realistic STA-2290 Digital Synthesized Receiver
- Two Optimus T-200 Walnut Veneer Tower Speakers
- LAB-440 Direct-Drive Turntable, \$39.95-Value Realistic/Shure R1000EDT Magnetic Cartridge
- Realistic SCT-32 Stereo Cassette Tape Deck
- Realistic 10-Band Stereo Frequency Equalizer
- Deluxe Audio Component Rack With Glass Doors

Reg. Separate
Items 2049.65

1849⁰⁰

best



Save \$110⁸⁰

good

Reg. Separate
Items 1099.80

989⁰⁰

- Realistic STA-2290 Digital Synthesized Receiver
- Two Optimus[®] T-110 Walnut Veneer Tower Speakers
- LAB-290 Belt-Drive Turntable, \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge



Save \$124⁸⁰

better

Reg. Separate
Items 1249.80

1125⁰⁰

- Realistic STA-2290 Stereo Receiver
- Two Mach One Liquid-Cooled Speakers
- LAB-395 Direct-Drive Turntable, \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge



Records not included

TURNTABLES IN THESE SYSTEMS INCLUDE BASE, DUST COVER AND FACTORY-INSTALLED CARTRIDGE

Computerized Digital Receiver With 16-Station Memory



50 watts
per channel,
minimum rms
into 8 ohms
from 20-20,000 Hz,
with no more
than 0.02%
total harmonic
distortion



good

Save
\$73⁸⁰

Reg. Separate
Items 739.80

666⁰⁰

- Realistic STA-2250 Digital Receiver
- Two Realistic MC-2001 Speaker Systems
- LAB-58 Changer, \$19.95-Value Realistic Shure R25EDT Magnetic Cartridge

439⁹⁵

- Quartz-Locked, Digital Synthesized for Precise Tuning
- Memory "Sensor-Buttons" Store 8 FM, 8 AM Stations

"We found it a thoroughly fine receiver at a very reasonable price."

— Stereo Review

Realistic STA-2250. Touch a button and the 2250 scans up or down the bands automatically or manually, stopping at each station, tuned with pin-point accuracy and with its frequency displayed on a big fluorescent readout. Store up to 16 stations (eight AM, eight FM) in the memory for instant pushbutton recall. Dual-gate MOSFET FM tuner pulls in stations clearly. FM muting blanks out between-station noise, and a Hi-MPX filter cleans up weak stereo signals. Six-level LED signal strength meter. Hi and low filters help remove record scratch and rumble. Has up-front tape monitoring and dubbing controls, 11-detent bass, midrange and treble, 40-detent concentric volume/balance, stereo mono switch, A and B speaker selection, and more. Protected against overheating and overload. U.L. listed. 31-2095

439.95

AMPLIFIER. Frequency Response: 15-25,000 Hz, ± 1 dB. Signal-to-Noise Ratio: 85 dB phono, 90 dB aux. Phono Input Overload: 170 millivolts. **FM TUNER.** Sensitivity (IHF): 2 microvolts (11.3 dB). Capture Ratio: 1.5 dB. Signal-to-Noise Ratio: 67 dB. Alternate Channel Selectivity: 65 dB. Image Ratio: 75 dB. Stereo Harmonic Distortion: 0.3%. Stereo Separation (at 1 kHz): 48 dB. AM Suppression: 50 dB. **EXTERNAL CONNECTIONS.** AM antenna, 75 or 300-ohm FM antenna, A and B speaker pairs, headphone jack, mag. phono, aux, phono-type and DIN-type jacks for Tape-1 and Tape-2 in/out, AC outlet, phono ground. Size: 5" x 19" x 13"



better

Save
\$84⁸⁰

Reg. Separate
Items 859.80

775⁰⁰

- Realistic STA-2250 Digital Receiver
- Two Optimus T-110 Speaker Systems
- LAB-290 Turntable With \$29.95-Value Realistic Shure R47EDT Mag. Cart.



Save
\$130⁷⁰

Reg. Separate
Items 1259.70

1129⁰⁰

- Realistic STA-2250 Stereo Receiver
- Two Optimus T-110 Tower Speakers
- LAB-395 Turntable With \$29.95-Value Realistic Shure R47EDT Magnetic Cartridge
- SCT-22 Cassette Deck
- Audio Component Rack

PUPPIES

LOW SALE

best

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April, 1981 Stereo Review. (Copyright Ziff-Davis Publishing, all rights reserved.)

Low-Profile, Low-Cost, High-Tech Stereo Receiver

"System Eleven" Digital Synthesized Receiver Equalized for Enhanced Bass From Mini-Speakers

NEW
TOP 50

30 watts
per channel,
minimum rms
into 8 ohms
from 20-20,000 Hz,
with no more
than 0.02%
total harmonic
distortion



- Sleek, Stylish 3 1/4"-High Brushed "Champagne Silver" Case
- Microprocessor Memory Holds Up to 12 Stations, 6 FM and 6 AM
- Precise Frequency-Synthesized Tuning With Digital Readout

359⁹⁵

Realistic STA-111. Outstanding receiver value! Slim, low-profile styling with the power, features and performance usually found in receivers twice its size. A built-in CMOS LSI frequency synthesizer lets you lock-in stations with pinpoint accuracy, and displays the exact frequency on a digital readout. The FM front-end has a dual-gate MOSFET to prevent strong signal overload. Tunes up or down the FM or AM bands automatically, with the touch of a button and up to 12 stations can be stored in the microprocessor memory for instant recall. Memory is protected for up to two days in the event of a power failure. A special equalization changeover switch provides enhanced bass response with Realistic mini-speakers. Features include a seven-segment LED signal strength meter, full tape monitoring facilities, detented bass, midrange and treble controls. Protective circuitry is built-in. U.L. listed. 31-2002

359.95

AMPLIFIER. Frequency Response: 15-25,000 Hz \pm 1 dB. Signal-to-Noise Ratio: 90 dB phono, 100 dB aux. Phono input Overload: 130 millivolts. **FM TUNER.** Sensitivity (IHF): 1.7 microvolts (9.8 dBf). Capture Ratio: 1.0 dB. Signal-to-Noise Ratio: 70 dB. Alternate Channel Selectivity: 70 dB. Image Ratio: 75 dB. Harmonic Distortion (Stereo): 0.3%. Stereo Separation (at 1 kHz): 45 dB. AM Suppression: 50 dB. **EXTERNAL CONNECTIONS:** AM antenna, 75 or 300 ohm FM antenna, mag. phono, aux, tape in/out jacks, A and B speaker pairs, head-phone jack, AC convenient outlet, phono gnd. **SIZE:** 3 1/4"x17 1/2"x14 1/4"



good

Save
\$54⁸⁰

Reg. Separate
Items 549.80

495⁰⁰

- STA-111 Receiver With EQ Circuit
- Two Minimus 1-7 "Silver" Mini Speakers
- LAB-120 Turntable, \$12.95-Value Realistic/ADC QLM30 MK III Mag. Cart.



Save
\$80⁸⁰

Reg. Separate
Items 789.80

709⁰⁰

STA-111 Receiver With
Special EQ Circuitry

- Optimus[®] T-70 Tuned-Labyrinth Tower Speaker System
- LAB-395 Turntable, \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge

best



better

Save
\$64⁸⁰

Reg. Separate
Items 659.80

595⁰⁰

- STA-111 Receiver with EQ Circuit
- Two Minimus-11 "Silver" Speakers
- LAB-290 Turntable, \$29.95-Value Realistic/Shure R47EDT Mag. Cart.

Sleek Styling, Digital Frequency Display, Auto-Magic[®]



25 watts
per channel,
minimum rms
into 8 ohms
from 20-20,000 Hz,
with no more
than 0.05%
total harmonic
distortion



299⁹⁵

- 4-Digit Display Shows Exact FM and AM Frequencies
- 5-Level AM/FM Signal Strength Indicators
- FM Muting for Noise-Free Tuning • PLL FM

Realistic STA-720. No mechanical tuning dial, no pointer! Instead there's an accurate electronic counter with an LED display, registering the exact station frequency—easily readable from across the room. And exclusive Auto-Magic fine-tunes FM stations for you, locks them on-frequency for cleanest sound—automatically. Phase-locked loop multiplex (PLL) assures full FM stereo channel separation. The phono preamp features an IC that lowers distortion while maintaining proper RIAA equalization for superb sound from your LPs. High-level, direct-coupled amplifiers for clean, powerful bass. Other luxury "touches" are 11 "thin-line" pushbutton controls, five LED mode indicators, full tape monitoring circuitry, detented bass and treble controls, and a 40-detent volume control. Amplifier is fully protected against overheating and overloading. Great looks, great sound! U.L. listed. 31-1997 299.95

Save \$50⁸⁰ Reg. Separate Items 489.80 **439⁰⁰**

- Realistic STA-720 Stereo Receiver
- Two Minimus[®]-7 "Silver" Speakers
- LAB-120 Turntable with \$12.95-Value Realistic ADC QLM30 MK III Mag. Cart.

AMPLIFIER. Response: 15-25,000 Hz. \pm 1 dB. Signal-to-Noise Ratio: 81 dB phono, 92 dB aux. Phono Input Overload: 140 mV. **FM TUNER.** Sensitivity (IHF): 1.9 μ V (10.8 dB). Capture Ratio: 1.0 dB. Signal-to-Noise Ratio: 70 dB. Selectivity: 55 dB. Image Rejection: 55 dB. Stereo Harmonic Distortion: 0.3%. Stereo Separation: 45 dB at 1 kHz. **AM Suppression:** 55 dB. **EXTERNAL CONNECTIONS.** AM and 75 or 300-ohm FM antennas. A and B speaker pairs, headphone jack, mag phono, aux, tape in/out, AC outlet, phono ground. **SIZE:** 3 $\frac{1}{2}$ "x 16 $\frac{1}{2}$ "x 12 $\frac{1}{4}$ "



Save \$60⁸⁰ Reg. Separate Items 559.80 **499⁰⁰**

- Realistic STA-720 Stereo Receiver
- Two Minimus-11 "Silver" Speakers
- LAB-58 Belt-Drive Changer with \$19.95-Value Realistic Shure R25EDT Mag. Cart.

Save \$70⁸⁰

Reg. Separate Items 699.80

629⁰⁰

- Realistic STA-720 AM/FM Stereo Receiver
- Two Nova[®]-10 Walnut Veneer Speaker Systems
- LAB-290 Belt-Drive Automatic Turntable with \$29.95-Value Realistic Shure R47EDT Magnetic Cartridge



STA-7—Equalized for Deep Bass From Mini Speakers

10 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.4% total harmonic distortion



Small is Beautiful! Our Famous Low-Profile AM/FM Receiver With Sophisticated Jet-Black Metal Case

179⁹⁵

Engineered and Built by Radio Shack In One of Our Own Factories

Realistic STA-7. Just slightly taller than a credit card (3 1/2" high), yet it boasts advanced circuitry, responsive controls, and big-receiver features! FET-FM phase-locked loop multiplex for superb stereo reception, detented bass and treble controls, loudness button for full-range sound even at low listening levels, mag input for using the best phono cartridges, aux input, tape monitor, A and B speaker switching, stereo mono pushbutton, weighted, fluid-feel flywheel for tuning ease, illuminated tuning meter and blackout dial. All this, plus a special rear-panel EQ (equalization) switch that tailors the amplifier's response to provide uniform energy output at all frequencies from Minimus-7 and other "mini" speakers. Perfect size for dorm room, office, cabin—anywhere that space efficiency is desired—without sacrificing the big sound you want. U.L. listed. 31-1968

AMPLIFIER. Response: 15-25,000 Hz, ±1 dB. Signal-to-Noise Ratio: 80 dB phono, 86 dB aux. Phono Input Overload: 100 mV. **FM TUNER.** Sensitivity (IHF): 2.2 µV (12.0 dB). Capture Ratio: 3 dB. Signal-to-Noise Ratio: 60 dB. Selectivity: 45 dB. Image Rejection: 50 dB. Stereo Harmonic Distortion: 0.6%. Stereo Separation: 34 dB at 1 kHz. **AM Suppression:** 38 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antennas, A and B speaker pairs, headphone jack, tape-in/out, mag phono, aux, AC outlet, phono ground. **SIZE:** 3 1/2" 16 1/2" x 11 1/2"

Save When You Buy An Equalized System Featuring the STA-7

System Seven

Save \$30⁸⁵



Reg. Separate Items 279.85

249⁰⁰

• STA-7 AM/FM Stereo Receiver
• Two Minimus-7 Die-Cast Metal 2-Way Speaker Systems

System Seven/Eleven

Save \$40⁸⁵



Reg. Separate Items 339.85

299⁰⁰

• STA-7 AM/FM Stereo Receiver
• Two Minimus-11 Die-Cast Metal 2-Way Speaker Systems



System Seven "Plus"

Save \$40⁸⁰

Reg. Separate Items 359.80
319⁰⁰

• STA-7 AM/FM Stereo Receiver
• Two Minimus-7 Speakers
• LAB-56 Changer with \$12.95-Value Realistic/ADC QLM30 MK III Mag. Cart.



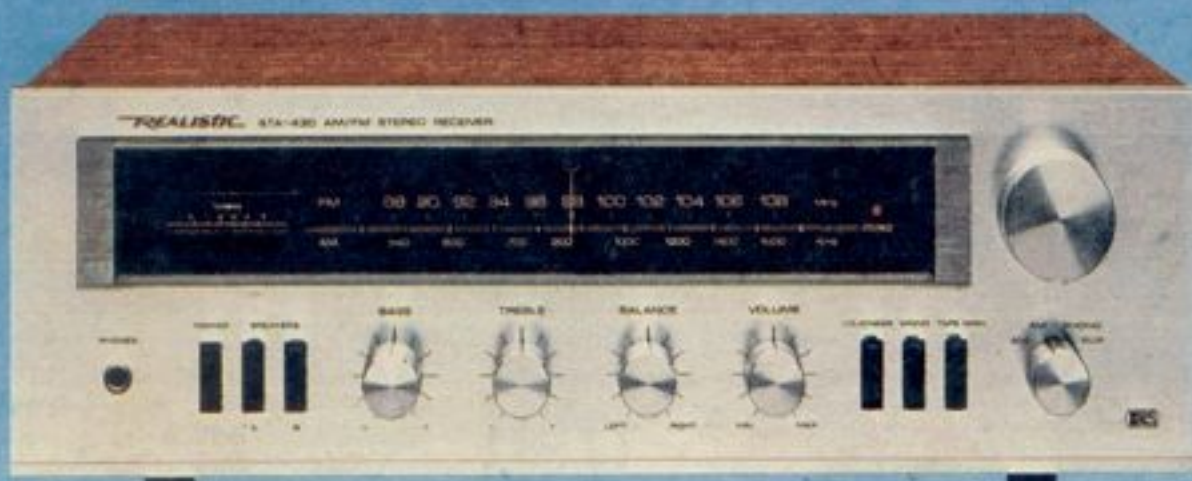
System Seven/Eleven "Plus"

Save \$50⁸⁰

Reg. Separate Items 429.80
379⁰⁰

• STA-7 AM/FM Stereo Receiver
• Two Minimus-11 Speakers
• LAB-120 Turntable with \$12.95-Value Realistic/ADC QLM30 MK III Mag. Cart.

Budget-Priced Receiver for Great Hi-Fi at Low Cost



10 watts
per channel,
minimum rms
into 8 ohms
from 20-20,000 Hz,
with no more
than 0.6%
total harmonic
distortion



Save \$30⁸⁰ Reg. Separate Items 289.80 **259⁰⁰**

- Realistic STA-430 Stereo Receiver
- Two Minimus[®]-4 Bookshelf Speakers
- LAB-56 Changer With \$12.95-Value Realistic/ADC QLM30 MKIII Mag. Cart.

159⁹⁵

- Clean Styling With Attractive Brushed Aluminum Control Panel
- Tape Monitor Facility for Use With Three-Head Decks
- Lighted Dial and Signal-Strength Meter for Precise Tuning

Realistic STA-430. Smart styling and quality craftsmanship combine to bring you the fine performance and looks you expect from Realistic, at a remarkably low price! Full-feature receiver is the perfect start for a first system, or a second system in a den or rec room. Its wide illuminated dial and signal strength meter make tuning easy. A loudness switch enhances bass response when listening at low volume levels. Phase-locked-loop integrated circuit provides wide stereo channel separation and the direct-coupled power amplifier will drive two pairs of speakers. Features A, B and Both speaker-pair switching, center-detent balance, boost-and-cut bass and treble controls, LED FM stereo indicator. Also has a stereo mono switch and separate power switch. Walnut vinyl veneer case. U.L. listed. 31-2092 159.95

AMPLIFIER. Frequency Response: 15-25,000 Hz \pm 1 dB. Signal-to-Noise Ratio: 89 dB phono, 72 dB aux. Phono Input Overload: 90 millivolts. **FM TUNER.** Sensitivity (IHF): 2.8 microvolts (14.1 dB). Capture Ratio: 3.0 dB. Signal-to-Noise Ratio: 65 dB. Alternate Channel Selectivity: 45 dB. Image Ratio: 50 dB. Harmonic Distortion (Stereo): 0.6%. Stereo Separation (at 1 kHz): 34 dB. AM Suppression: 38 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, A and B speaker pairs, headphone jack, tape in/out, magnetic phono, aux, AC outlet, phono gnd. **SIZE:** 5¹/₂"x16¹/₂"x12"



Save \$34⁸⁰ Reg. Separate Items 339.80 **305⁰⁰**

- Realistic STA-430 Stereo Receiver
- Two MC-600 Walnut Veneer Speakers
- LAB-58 Changer With \$19.95-Value Realistic/Shure R25EDT Mag. Cart.



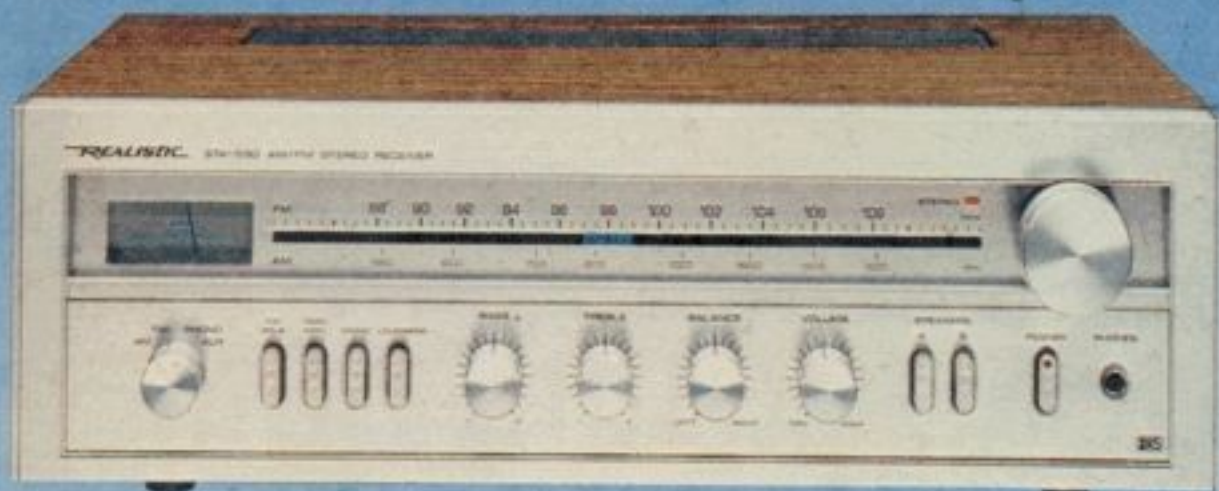
Save \$42⁸⁰ Reg. Separate Items 419.80 **377⁰⁰**

- Realistic STA-430 Stereo Receiver
- Two MC-1201 Two-Way Speaker Systems
- LAB-220 Changer With \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge

Realistic Two-Year Limited Warranty

All Realistic STA-Series Receivers are warranted against defects for two years from date of purchase! Within this period, we will repair it without charge for parts and labor. Simply bring your sales slip as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subjected to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Easy-to-Afford "Heart" of Your Home Music System



16 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.2% total harmonic distortion

- Magnetic Phono and Aux Inputs for External Components
- Tape Monitor Lets You Monitor Tapes as They're Recorded
- Wide Dial and Precision Flywheel Control for Easy Tuning

199⁹⁵

Realistic STA-530. A popular priced "control center" for a fine stereo system. You get full-feature component versatility, great sound and handsome, modern styling. A low-noise preamp and magnetic phono input let you use the finest phono cartridges. Tape in/out jacks and tape monitor facility for adding a tape deck or equalizer — with a three-head deck you can monitor tapes as they're recorded. Aux inputs for external program sources like a second tape deck, ceramic cartridge changer or TV audio tuner. Pushbutton loudness switch boosts high and low frequencies for full-range response even at reduced volume. Lighted signal strength meter aids tuning. Has pushbutton main remote both speaker selection, sensitive FET FM front end, wideband AM tuner. Brushed aluminum control panel highlighted by bright, beveled controls, walnut vinyl veneer case. U.L. listed. 31-2079 **199.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz = 1 dB. Signal-to-Noise Ratio: 83 dB phono, 71 dB aux. Phono Input Overload: 110 millivolts. **FM TUNER.** Sensitivity (BIF): 2.5 microvolts (13.2 dB). Capture Ratio: 2.0 dB. Signal-to-Noise Ratio: 65 dB. Alternate Channel Selectivity: 65 dB. Image Ratio: 55 dB. Harmonic Distortion (Stereo): 0.6%. Stereo Separation (at 1 kHz): 38 dB. **AM Suppression:** 52 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna. A and B speakers, headphone jack, tape in/out, magnetic phono, aux, AC outlet, phono ground. **SIZE:** 5 1/4 x 17 1/4 x 11 1/4"



good

Save \$34⁸⁰ Reg. Separate Items 359.80 **325⁰⁰**

- Realistic STA-530 Stereo Receiver
- Two MC-600 Bookshelf Speaker Systems
- LAB-56 Changer With \$12.95-Value Realistic/ADC QLM30 MKIII Mag. Cart.

Save \$50⁰⁰

Reg. Separate Items 479.80 **429⁰⁰**

best

- Realistic STA-530 AM/FM Stereo Receiver
- Two MC-1401 Bass Reflex Speaker Systems
- LAB-220 Changer With \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge



better

Save \$40⁸⁰ Reg. Separate Items 419.80 **379⁰⁰**

- Realistic STA-530 Stereo Receiver
- Two MC-1201 Two-Way Speaker Systems
- LAB-58 Changer With \$19.95-Value Realistic/Shure R25EDT Mag. Cart.

CONVENIENT CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

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More Proof Great Hi-Fi Doesn't Have to Be Expensive

NEW
FOR US



*22 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.08% total harmonic distortion

- Auto-Magic® FM Fine-Tuning • Clean Styling
- LED Indicators for AM, FM, FM Stereo, Phono, Aux
- LED FM Tuning Indicator • 10-LED Signal Strength Meter

279⁹⁵



good

Save \$50⁸⁰

Reg. Separate Items 499.80

449⁰⁰

- Realistic STA-110 Receiver
- Two MC-1401 Walnut Veneer Speakers
- LAB-56 Changer With \$12.95-Value Realistic/ADC QLM30 MK III Mag. Cart.

Realistic STA-110. An outstanding buy — this stylish newcomer offers fabulous sound and the features needed for expandability! 22 watts* of clean, "honest" power will drive almost any speaker system — even two sets of speakers. Our exclusive Auto-Magic® system automatically fine-tunes FM stations, locks them on-frequency for drift-free listening and cleanest sound. The power amplifier has a true complementary OCL (Output Capacitor-Less) circuit for plenty of power and stability. There's also a wide, illuminated tuning dial, FET FM front-end for high sensitivity, low-noise and low distortion, PLL IC for stable stereo separation, LED shows when FM stations are properly tuned. Other features are 11-detent bass and treble controls, center-detent balance knob, fluid-feel, flywheel tuning control, thin-line pushbuttons for loudness, mono/stereo, FM mute, Auto-Magic, tape monitor, A and B speaker pairs, power. Three overload/overheating protection circuits. Walnut vinyl veneer finish, U.L. listed. 31-2093 279.95

AMPLIFIER. Response: 15-25,000 Hz = 1 dB at 1 watt. **Signal-to-Noise Ratio:** 86 dB phono, 90 dB aux. **Phono Input Overload:** 105 mV. **FM TUNER.** Sensitivity (IHF): 1.9 µV (10.8 dBf). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 72 dB. **Selectivity:** 60 dB. **Image Rejection:** 65 dB. **Stereo Harmonic Distortion:** 0.5%. **Stereo Separation:** 45 dB at 1 kHz. **AM Suppression:** 65 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, A and B speaker pairs, headphone jack, mag phono, aux, tape in/out, dub out, DIN-type tape in/out, unswitched AC, phono ground. **SIZE:** 5 1/2"x18 1/2"x10 1/2"



better

Save \$54⁸⁰

Reg. Separate Items 539.80

485⁰⁰

- Realistic STA-110 Receiver
- Two Nova-5 Walnut Veneer Speakers
- LAB-58 Changer With \$19.95-Value Realistic/Shure R25EDT Mag. Cart.

Save \$60⁸⁰

Reg. Separate Items 619.80

559⁰⁰

best

- Realistic STA-110 Receiver
- Two MC-2001 Walnut Veneer Speakers
- LAB-220 Changer With \$29.95-Value Realistic/Shure R47EDT Mag. Cart.



A High-Performance Receiver in a Sleek, Slim Design

Equalized for Enhanced Bass From Our Famous Minimus® and Other "Mini" Speakers

30 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.02% total harmonic distortion



- Auto-Magic® Fine-Tunes, Locks-In FM Stations
- LED Tuning Indicator Changes From Red to Green When FM Stations Are Properly Tuned

319⁹⁵



Rear-Panel EQ Switch

The "EQ" Story. The STA-11 features a circuit that tailors its response to "mini" speakers, giving uniform sound output at all frequencies for superb hi-fi!

Realistic STA-11. Handsome 3 1/4"-high, brushed champagne-silver case beautifully encloses the power and performance once found only in components twice the size! Phase-locked loop FM multiplex assures wide stereo separation. Also features FM muting for noise-free tuning, Hi-MPX filter to clean up weak signals, 11-detent bass, treble and midrange controls, 40-detent volume control with concentric balance control, tape monitoring facilities, 5-level AM/FM LED signal strength indicators, LED indicator for FM stereo. All this, plus fluid-feel counter-weighted tuning, 14 up-front pushbuttons, lighted frequency pointer on tuning dial, and more. U.L. listed. 31-1999

AMPLIFIER. Response: 15-25,000 Hz -1 dB. Signal-to-Noise Ratio: 89 dB phono, 90 dB aux. Phono Input Overload: 170 mV. **FM TUNER.** Sensitivity (IHF): 1.7 µV (9.8 dB). Capture Ratio: 1.0 dB. Signal-to-Noise Ratio: 70 dB. Selectivity: 70 dB. Image Rejection: 55 dB. Stereo Harmonic Distortion: 0.3%. Stereo Separation: 45 dB at 1 kHz. AM Suppression: 55 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, mag phono, aux, tape in/out, A and B speaker pairs, headphone jack, AC convenience outlet, phono ground. **SIZE:** 3 1/4"x17 1/2"x14 1/2"

319.95

An Equalized, STA-11 System — A Great-Sounding Investment!

System Eleven Seven

Save \$42⁹⁵

Reg. Separate Items 419.85 **377⁰⁰**



- STA-11 Stereo Receiver With Auto-Magic FM Tuning
- Two Minimus-7 "Silver" Die-Cast 2-Way Speakers

System Eleven

Save \$50⁹⁵

Reg. Separate Items 479.85 **429⁰⁰**



- STA-11 Stereo Receiver With Auto-Magic FM Tuning System
- Two Minimus-11 "Silver" Die-Cast 2-Way Speaker Systems

System Eleven Seven "Plus"

Save \$52⁹⁵

Reg. Separate Items 499.80 **447⁰⁰**

- STA-11 AM/FM Stereo Receiver
- Two Minimus-7 "Silver" Speakers
- LAB-55 Changer With \$12.95-Value Realistic/ADC QLM30 MK III Mag. Cart.

System Eleven Plus

Save \$70⁸⁰

Reg. Separate Items 619.80 **549⁰⁰**



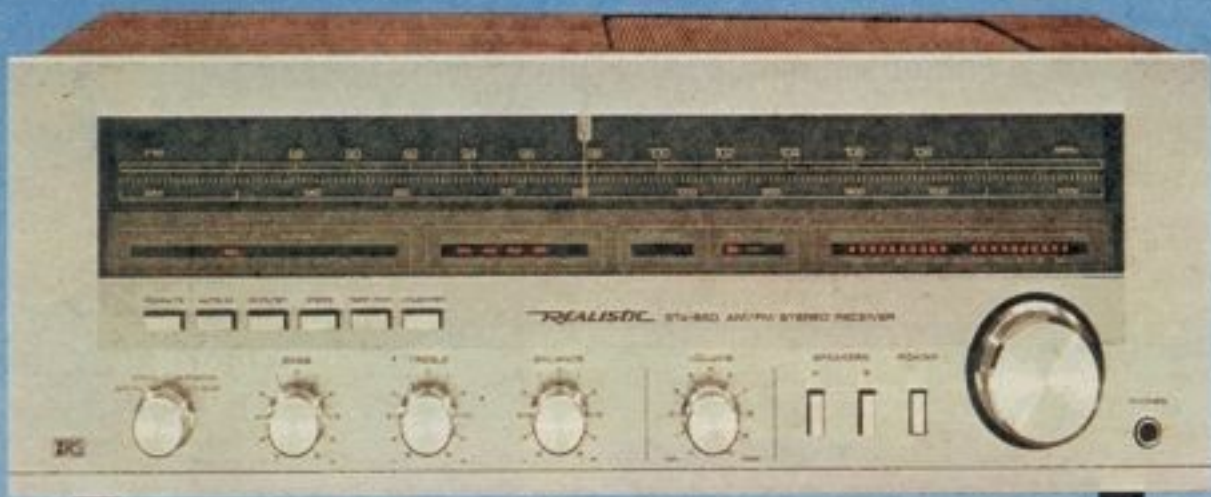
- STA-11 AM/FM Stereo Receiver
- Two Minimus-11 "Silver" Speakers
- LAB-290 Turntable With \$29.95-Value Realistic/Shure R47EDT Mag. Cart.

CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

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A New Receiver With a Full Array of LED Displays

NEW
POP-33



50 watts
per channel,
minimum rms
— into 8 ohms
from 20-20,000 Hz,
with no more
than 0.05%
total harmonic
distortion



good

Save ~~\$64⁸⁰~~ Reg. Separate Items 639.80 **575⁰⁰**

- Realistic STA-850 Stereo Receiver
- Two Nova-5 2-Way Speaker Systems
- LAB-58 Changer With \$19.95-Value Realistic/Shure R25EDT Mag. Cart.

379⁹⁵

- LED Mode Indicators for AM, FM, Phono and Aux Functions
- LED Signal Strength Meter • LED Stereo FM Indicator
- LED FM Tuning Indicator • 11-LED Output Power Meter

Realistic STA-850. An outstanding receiver with the power, features and performance you want for your home music system! FET FM front end and linear IC FM/AM IF section provide high sensitivity with exceptionally low noise and distortion. Special noise-cancelling circuitry prevents switching noise, and muting eliminates interstation "hiss" when tuning FM. PLL IC circuitry assures stable stereo separation. Exclusive Auto-Magic[®] circuitry automatically fine-tunes FM stations and locks them in for drift-free listening. An easy-to-read slide-rule dial with smooth flywheel tuning, plus LED signal strength and FM tuning indicators aid in station selection. Tape monitor lets you hear tapes as they're recorded on three-head decks. Switchable hi-filter and loudness; A/B Both speaker selection; twin protection circuits. U.L. listed. 31-2096 **379.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz ± 1 dB. Signal-to-Noise Ratio: 85 dB phono, 90 dB aux. Phono Input Overload: 130 millivolts. **FM TUNER.** Sensitivity (IHF): 1.9 microvolts (10.8 dBf). Capture Ratio: 1.5 dB. Signal-to-Noise Ratio: 72 dB. Alternate Channel Selectivity: 53 dB. Image Ratio: 60 dB. Stereo Distortion: 0.2%. Separation (at 1 kHz): 48 dB. AM Suppression: 60 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, magnetic phono, aux, tape in-out, A and B speakers, headphone jack, unswitched AC outlet, phono ground. **SIZE:** 6¹/₂"x18¹/₂"x11¹/₂"



better

Save ~~\$80⁸⁰~~ Reg. Separate Items 779.80 **699⁰⁰**

- Realistic STA-850 Stereo Receiver
- Two Nova-10 Floor/Shelf Speakers
- LAB-290 Turntable With \$29.95-Value Realistic/Shure R47EDT Mag. Cart.



best

Save ~~\$90⁸⁰~~ Reg. Separate Items 829.80 **739⁰⁰**

- Realistic STA-850 AM/FM Stereo Receiver
- Two Optimus-10 Passive-Radiator Speakers
- LAB-395 Turntable With \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge



Radio Shack owns and operates 28 factories in five countries, including 17 in the USA, where we custom-manufacture many of the products we sell to our exact specifications. This assures you of top-quality and low prices!

Powerful and Versatile Music System Control Center



80 watts per channel, minimum rms into 8 ohms from 20-20,000 Hz, with no more than 0.03% total harmonic distortion

499⁹⁵

- MOSFET FM Front End for Low Noise Plus Super Sensitivity
- 18 Controls and a Complete Selection of Inputs and Outputs
- Dubbing and Monitoring Switches for Control of Two Tape Decks

Realistic STA-2080. A musical powerhouse with the versatility to handle most program sources! Two tape deck, two magnetic-cartridge phono, and an aux input for a third deck or ceramic-cartridge phono. Plenty of reserve power from the direct-output amplifier means your favorite selections sound pure and undistorted at high volume levels. Massive flywheel control, giant lighted dial and dual meters make it easy to tune. Phono preamp has extra-wide dynamic range, and a built-in subsonic filter eliminates rumble and minimizes the effects of warped records. High-filter button reduces record scratch, tape hiss and other high-frequency noise. Detented bass, treble and midrange tone controls, power output meters, LED mode indicators, protective circuitry and more. Walnut veneer and panels. U.L. listed. 31-3000 **499.95**

AMPLIFIER. Frequency Response: 15-25,000 Hz \pm 1 dB. **Signal-to-Noise Ratio:** 90 dB phono, 98 dB aux. **Phono Input Overload:** 200 millivolts. **FM TUNER.** Sensitivity (IHF): 1.7 microvolts (9.8 dB μ). **Capture Ratio:** 1.5 dB. **Signal-to-Noise Ratio:** 70 dB. **Alternate Channel Selectivity:** 75 dB. **Image Ratio:** 80 dB. **Stereo Distortion:** 0.3%. **Separation (at 1 kHz):** 48 dB. **AM Suppression:** 55 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm antenna, A and B speakers, headphone jack, 2 mag. phono, aux, tape-1 and tape-2 in/out phono and DIN jacks, main in/preamp out jacks, switched and unswitched AC, phono ground. **SIZE:** 6 1/2" x 20 1/2" x 17 1/2"



Save **\$90⁸⁰** Reg. Separate Items **859.80** **769⁰⁰**

- Realistic STA-2080 Stereo Receiver
- Two Optimus T-70 Tower Speakers
- LAB-58 Changer With \$19.95-Value Realistic/Shure R25EDT Mag. Cart.

The STA-2080 "Everything" System

Save **\$130⁷⁰**

best

Reg. Separate Items **1289.70**

1159⁰⁰

- Realistic STA-2080 Receiver
- Two Optimus T-110 Speakers in Walnut Veneer Enclosures
- LAB-290 Belt-Drive Turntable, \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge
- SCT-22 Stereo Cassette Deck
- Audio Component Rack

Records not included



Save **\$120⁸⁰** Reg. Separate Items **1149.80** **1029⁰⁰**

- Realistic STA-2080 Stereo Receiver
- Two Mach One Liquid-Cooled Speakers
- LAB-395 Turntable With \$29.95-Value Realistic/Shure R47EDT Mag. Cart.

BUY NOW, PAY LATER — AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST STORES

Our Finest! For Music Lovers Who Demand High Power

Three Tone Controls • 40 LED Indicators • Exclusive Auto-Magic® FM



- Auto-Magic System Fine-Tunes FM Stations Automatically, Then Locks in the Signal for Drift-Free, Distortion-Free Listening
- Low-Noise, Wide-Dynamic-Range Phono Preamp Has Inputs for Two Magnetic Cartridges and Subsonic Filter to Cut "Rumble"
- Separate 21-Step Bass, Treble and Midrange Controls—Plus Pushbutton Bass and Treble Turnovers for Extended Range

NEW
FOR \$2

699⁹⁵

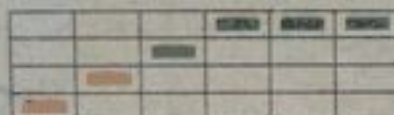
120 watts per channel,
minimum rms into 8 ohms
from 20-20,000 Hz, with
no more than 0.05%
total harmonic distortion

Realistic STA-2300. The control center for a magnificent system, with the power and features to please the most demanding listener. The rugged, high-performance amplifier will easily drive four of our largest speakers to wall-shaking volume. But wider dynamic range, not high volume, is one of the really big advantages you get with this receiver's massive power reserve! Sound peaks that give music its depth and "live" quality are reproduced with thrilling clarity — at all volume levels. Pushbutton hi and lo filters reduce tape hiss, disc noise and turntable rumble. A 40-step control and a pushbutton attenuator give you a total of 80 resettable volume levels. Three-position monitoring and dubbing switches are included for up-front control of two tape decks — you can duplicate tapes while listening to a third program source. For superior FM, a Hi-MPX filter cleans up noise on weak stereo stations and pushbutton FM muting silences between-station "hiss" as you tune. The "no-compromise" design extends even to its AM tuner, which has a specially developed IC and a tuned RF stage for maximum sensitivity. Other features are A/B/Both/Out speaker selection, circuitry that eliminates "pops" when you select inputs, and a triple-protection system that guards against overheating, overdriving and speaker wiring shorts. Designed and built by Radio Shack with the future in mind. Enclosed by genuine walnut veneer end-panels and a brushed aluminum front highlighted by 22 "precision-feel" controls. U.L. listed. 31-3010

699.95

Specifications

AMPLIFIER. Frequency Response: 15-25,000 Hz, ± 1 dB. Signal-to-Noise Ratio: 65 dB phono, 90 dB aux. Phono Input Overload: 230 millivolts. **FM TUNER.** Sensitivity (HF): 1.8 microvolts (10.33 dB). Capture Ratio: 1.5 dB. Signal-to-Noise Ratio: 73 dB. Alternate Channel Selectivity: 75 dB. Image Ratio: 80 dB. Harmonic Distortion (Stereo): 0.2%. Stereo Separation (at 1 kHz): 50 dB. **AM Suppression:** 60 dB. **EXTERNAL CONNECTIONS:** AM and 75 or 300-ohm FM antenna, A and B speakers, (push-terminals and phono-type jacks for both), headphone jack, 2 magnetic phono inputs, aux input, tape-1 in/out and tape-2 in/out (phono and DIN-type jacks for both), preamp-out/main-in jacks, one switched and two unswitched AC convenience outlets, phono ground. **SIZE:** 6 1/2" x 20" x 16 1/2".



SIGNAL STRENGTH

LED Signal Strength Display

Displays AM and FM signal levels with six bright, color-coded LEDs. Staggered design increases readability for easier tuning.



FM TUNING

FM Tuning Display

LED "arrows" point the way. The center indicator lights when tuning is precisely on-channel.



Dual-Range, 12-Step LED Power Output Display

Separate left and right-channel scales. Responds ten times faster than conventional meters to help you prevent speaker overdriving. Front panel has pushbutton selector for two ranges: 0 to 2 watts, or 0 to 200 watts.

The STA-2300
Super-Power
System



"Turn on
to the
great sound
of Realistic
components
today"



Save
\$144⁸⁰

Reg. Separate
Items 1439.80

1295⁰⁰

- Realistic STA-2300 AM/FM Stereo Receiver
- Two Optimus® T-200 "Tower" Speakers With Dual 10" Woofers, 6½" Midranges, 2" Tweeters
- LAB-440 Direct-Drive Automatic Turntable With Hinged Dust Cover, Base and \$39.95-Value Realistic/Shure R1000EDT Magnetic Cartridge

The STA-2300 "Everything" System

Save
\$200⁶⁵

Reg. Separate
Items 1959.65

1759⁰⁰

- Realistic STA-2300 AM/FM Stereo Receiver
- Two Mach One® Liquid Cooled Floor Speaker Systems With 15" Woofers, Midrange Horns, "Bullet" Horn Tweeters, Genuine Oiled Walnut Veneer Finish
- LAB-395 Direct-Drive Turntable With Hinged Cover, Base, \$29.95-Value Realistic/Shure R47EDT Magnetic Cartridge
- Realistic SCT-23 Stereo Cassette Deck
- Realistic 10-Band Frequency Equalizer
- Realistic Deluxe Rolling Audio Component Rack



Recordings not included

Hear "Hi-Fi" TV Sound Through Your Music System



TV Audio Tuner Brings Out the "Hidden" Sound

79⁹⁵

- For VHF Channels 2-13
- Quick and Easy Hookup

Realistic® TV-20. Now you can hear the full-fidelity FM sound that few TV sets can reproduce. Makes TV watching more enjoyable. Fine-tuning and output level controls, LED "on" indicator. Walnut vinyl. 2¹/₄x8¹/₂x6¹/₂" U.L. listed. 31-1950 79.95
IMPORTANT! TV sound is FM (frequency modulation). Government (FCC) regulations require TV transmitters to have the same full 50-15,000 Hz frequency response as FM radio stations. Of course, the sound is monophonic but it is hi-fi. Few TV sets can reproduce hi-fi or even "mid-fi" sound. That's why you need the TV-20 tuner!

Add-On TV Sound System

Save \$20⁸⁰ Reg. Separate Items 169.80 **149⁰⁰**

- Realistic TV-20 TV Audio Tuner
- Realistic SA-102 Mini Amplifier
- Two Minimus-0.5 Speaker Systems



Stereo Mini-Components for Big Sound at Small Prices



Value-Packed AM/FM Stereo Mini-Tuner

NEW LOW PRICE! **59⁹⁵** Was \$79.95 Last Year

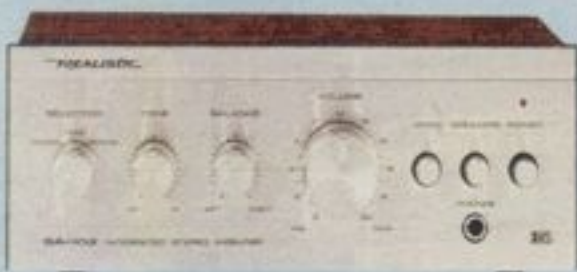
Walnut Vinyl Veneer Case

Realistic TM-102. Perfect match for amplifiers below, or any system without a tuner. Advanced PLL multiplex IC provides superb reception. Built-in antennas, terminals for external FM antenna. 3¹/₄x9¹/₄x7¹/₂" U.L. listed. 31-1964 59.95



Save \$24⁷⁵ Reg. Separate Items 239.75 **215⁰⁰**

- TM-102 Tuner • SA-102 Amplifier
- Two Minimus-8 Speaker Systems
- LAB-56 Belt-Drive Record Changer



Versatile Stereo Mini Amplifier

NEW LOW PRICE! **59⁹⁵** Was \$79.95 Last Year

Walnut Vinyl Veneer Case

Realistic SA-102. Use with a tuner, tape deck, magnetic or ceramic-cartridge phono for fine sounding stereo. Has headphone jack, tape out jacks for recording. Brushed aluminum front panel. 3¹/₄x9¹/₄x7¹/₂" U.L. listed. 31-1963 59.95



Save \$16⁷⁵ Reg. Separate Items 185.75 **169⁰⁰**

- TM-102 Tuner • SA-10 Amplifier
- Two Minimus-3 Speaker Systems
- LAB-49 Record Changer



Our Popular Micro Stereo Amplifier

29⁹⁵

Simulated Walnut Case

Realistic SA-10. Good sound at a bargain price. Switch selects ceramic phono or tape/tuner, and stereo mono. Separate left and right channel volume controls, full-range tone control. Matte-black front panel. 3¹/₄x7¹/₂x5¹/₂" U.L. listed. 31-1982 29.95

Hi-Fi Stereo Preamp

19⁹⁵

Matches Magnetic Cartridges to Any Aux Input



Lets you use higher performance magnetic cartridges in aux or ceramic phono inputs. U.L. listed. 42-2101 19.95

Treat Your Records to a New Changer or Turntable

Belt-Drive Automatic Turntable With Precision S-Shaped Tonearm

- Automatic Start, Tonearm Return
And Shutoff at End of Record
- Quiet-Operating Mechanism

89⁹⁵

Realistic LAB-120. Upgrade your home music system with this value-priced, precision-crafted automatic turntable, complete with base, dust cover and magnetic cartridge. Quality turntable handles your records with care. Automatic mechanism works quietly and without introducing vibrations to pick up. Manual mode gives you direct tonearm control. Damped cue/pause lever gently lifts and lowers tonearm. Stainless steel tonearm tracks down to 1½ grams (adjustable). Belt drive minimizes rumble, maintains precise 33½ and 45-RPM speeds. Custom-designed metal platter. Hand-some simulated walnut base. 5¼x15¼x14¼" U.L. listed. 42-2973 **89.95**

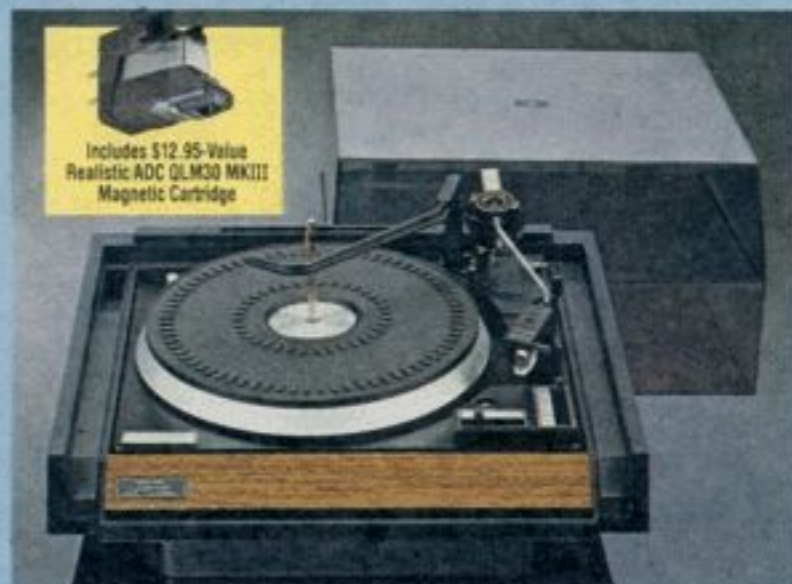


Belt-Drive Automatic Changer Plays Stack of Six Records

- Adjustable Anti-Skate Control
- Damped Cue/Pause Lever
- Simulated Walnut Trim Base

79⁹⁵

Realistic LAB-56. Automatic spindle handles stack of up to 6 LPs gently. Easy-to-operate slide controls for on/off/automatic operation, 7, 10, 12" record sizes, 33½ and 45-RPM speeds. Belt-drive for smooth, quiet operation. A damped cue/pause lever provides convenient, positive control of tonearm. 7x15x13¼" overall. Includes base, hinged dust cover and magnetic cartridge with long-life spherical diamond stylus. U.L. listed. 42-2972 **79.95**
Automatic 45-RPM Spindle, 42-3000 **1.79**



3-Speed Automatic Record Changer

- Lightweight Tubular Tonearm
- Plays Stack of Up to 6 Records

69⁹⁵

Realistic LAB-49. Just right for lower cost systems or getting started in component stereo. Plays 33½, 45 and 78-RPM records. Has adjustable tracking force and anti-skate control, cue/pause lever. 6¾x14¾x13½" U.L. listed. 42-2955 **69.95**
Automatic 45-RPM Spindle, 42-3000 **1.79**



RADIO SHACK LIMITED WARRANTY

Realistic turntables are warranted against defect for one year from date of purchase. Within this period we will repair it without charge for parts and labor. Simply bring your sales slip as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover equipment subjected to misuse or accidental damage. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Choose a Realistic Belt-Drive Turntable or Changer



Precision Belt-Drive Automatic

139⁹⁵

- Powerful, Constant-Speed DC Servomotor
- Straight-Line, Low-Mass Tonearm
- Damped Cue/Pause • Anti-Skate

Realistic LAB-290. The simplicity of operation and design of this superb turntable assures you quiet, dependable performance. Belt-drive absorbs the slightest vibration — so you hear only the music. The "straight-line" tonearm keeps the stylus at the proper geometric relationship with the groove across the entire record surface for low distortion and excellent tracking. Damped cue/pause gently raises and lowers stylus. Adjustable counter-balance for optimum tracking and anti-skate to minimize record wear. U.L. listed. **42-2978** **139.95**

SPECIFICATIONS. Type: Auto arm-return, auto-shutoff. Drive System: Belt. Platter: Aluminum alloy die-cast, 11 $\frac{1}{2}$ " diameter. Motor: DC servo. Speeds: 33 $\frac{1}{3}$ and 45 RPM. Rumble: -70 dB. Wow and Flutter: Less than 0.05% WRMS. Size: 5 $\frac{1}{2}$ "x16 $\frac{1}{2}$ "x14 $\frac{1}{4}$ ". Accessories: Headshell with cartridge, overhang gauge, 45-RPM adapter, dust cover.



Automatic Multi-Play Changer

139⁹⁵

- Continuous Play of Up to 6 Records
- S-Shaped Tonearm for Precise Tracking
- Built-In Strobe Shows Speed Accuracy

Realistic LAB-220. Our finest record changer. You get the convenience of playing up to 6 records for continuous music. Umbrella-type spindle lowers records gently and quietly. Automatic shut-off after the last record has played. Solid-state pitch control assures you of accurate speed. Adjustable counter-balance, tracking and anti-skate control improve stereo balance, prevent record wear and inner groove distortion. Damped cue/pause for stylus and record protection. U.L. listed. **42-2971** **139.95**

SPECIFICATIONS. Type: Fully automatic changer. Drive System: Belt. Motor: 24-pole DC servo. Speeds: 33 $\frac{1}{3}$ and 45 RPM. Rumble: -65 dB. Wow and Flutter: Less than 0.05% WRMS. Size: 6 $\frac{1}{2}$ "x17 $\frac{1}{2}$ "x14 $\frac{1}{4}$ ". Accessories: Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.



Easy-to-Use, Value-Packed Changer

99⁹⁵

- Stack Up to 6 Albums for Continuous Listening Pleasure
- Counterweighted S-Shaped Tonearm

Realistic LAB-58. The changer that pampers your records. Auto-glide spindle lets you stack records for long uninterrupted playing time, or choose manual play. Features dependable belt-drive operation, plus synchronous motor that automatically locks turntable on speed. Adjustable tracking force and dual-scale anti-skating help prevent record wear and improve stereo separation. Vibration-isolated base with simulated walnut trim. U.L. listed. **42-2974** **99.95**

SPECIFICATIONS. Type: Fully automatic changer. Drive System: Belt. Motor: 24-pole AC synchronous. Speeds: 33 $\frac{1}{3}$ and 45 RPM. Rumble: -62 dB. Wow and Flutter: Less than 0.06% WRMS. Size: 6 $\frac{1}{2}$ "x17 $\frac{1}{2}$ "x14 $\frac{1}{4}$ ". Accessories: Head shell with cartridge, counterweight, 45-RPM adapter, dust cover.

Precision Direct-Drive, High-Performance Turntables

Fully-Automatic High-Tech System with Selectable Repeating Play

- Convenient, Out-Front Controls
- Straight-Line, Low-Mass Tonearm
- Stroboscope with Neon Lamp For Precise Speed Adjustment

219⁹⁵

NEW FOR '81



Includes \$35.95-Value
Realistic/Shure
R1000EDT Cartridge

Realistic LAB-440. A newly designed direct-drive turntable for the serious music lover. Ultra-precise for faithful music reproduction and ultra-gentle with your treasured albums. Top-line features include a 1½-pound die-cast platter that dampens resonance and external vibrations to help eliminate acoustic feedback. The platter rests directly atop a powerful DC servomotor for accurate, rock-steady speed. Repeat button lets you continuously play one side of a record. Straight-line tonearm keeps the stylus properly aligned to the record groove for excellent tracking and extremely low distortion. Damped cueing gently and precisely lifts and lowers the stylus. Adjustable tracking and anti-skate. U.L. listed.

42-2976 219.95

SPECIFICATIONS. Type: Fully automatic. Drive System: Direct. Platter: Aluminum alloy die-cast, 12¼" diameter. Motor: DC servo. Speeds: 33½ and 45 RPM. Rumble: -70 dB. Wow and Flutter: Less than 0.035% WRMS. Size: 5½x16½x14½". Accessories: Headshell with cartridge, overhang gauge, 45-RPM adapter, dust cover.



Deluxe, Low-Cost Direct-Drive with Easy-to-Use Front-Access Controls

- Counterweighted S-Shaped Tonearm
- Variable Pitch • Built-In Strobe
- Anti-Skate • Adjustable Tracking

169⁹⁵

NEW FOR '81



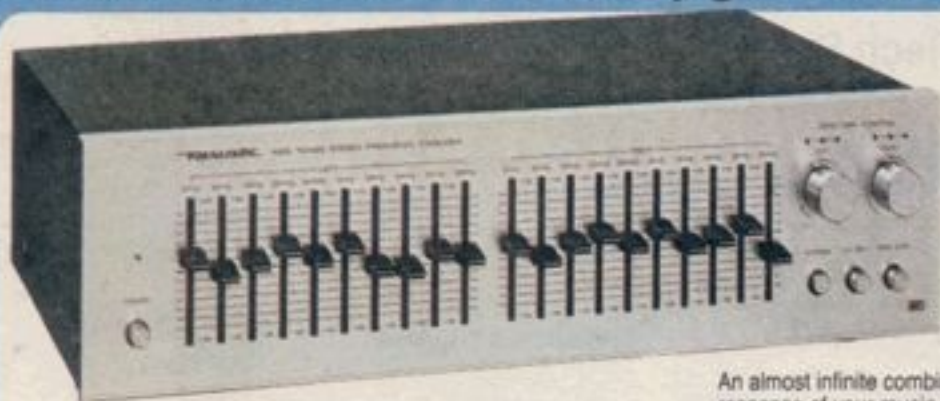
Includes \$29.95-Value
Realistic/Shure
R47EDT Cartridge

Realistic LAB-395. Check the features, listen to the musical reproduction and you'll discover this direct-drive turntable is an extraordinary value. Powerful, brushless DC servomotor instantly senses speed variations and corrects them electronically. Variable pitch control and built-in stroboscope with bright neon lamp make speed adjustment easy and precise. Non-resonant aluminum die-cast platter dampens vibration. Controls are conveniently located out-front — no need to raise the dust cover. Damped cue/pause gives you precise tonearm control. S-shaped tonearm for excellent tracking, plus adjustable stylus force and anti-skate help prevent record wear. U.L. listed. 42-2977 169.95

SPECIFICATIONS. Type: Auto arm-return, auto-shutoff. Drive System: Direct. Platter: Aluminum alloy die-cast, 12¼" diameter. Motor: DC servo. Speeds: 33½ and 45 RPM. Rumble: -70 dB. Wow and Flutter: Less than 0.05% WRMS. Size: 5½x16½x5½". Accessories: Headshell with cartridge, overhang gauge, 45-RPM adapter, dust cover.



Audio Accessories to Upgrade Your Music System



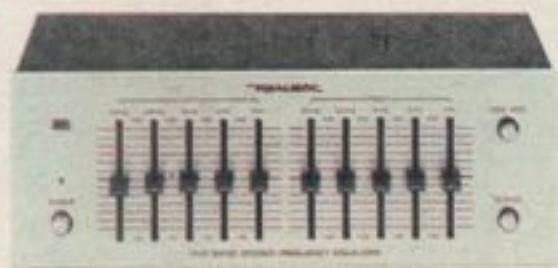
10-Band, Wide-Range Frequency Equalizer

179⁹⁵

*Zero-Gain Level Controls
With 6 LED Indicators for
Exact Level-Matching*

Frequency Bands (Each Channel): 31, 62, 125, 250, 500, 1000, 2000, 4000, 8000, and 16,000 Hz. Frequency Response (flat setting): 5 to 50,000 Hz \pm 0.5 dB -1.0 dB. Tone Control Range: \pm 12 dB. Harmonic Distortion: 0.02% at 0.775V output. Hum & Noise: 80 dB (0.775V). Size: 4 $\frac{1}{2}$ "x16 $\frac{1}{2}$ "x10 $\frac{1}{4}$ "

An almost infinite combination of control variations lets you tailor the response of your music system to compensate for poor room acoustics, bring out the vocalist, add "punch" to certain instruments—even minimize record scratches, tape hiss and turntable rumble. Features twenty boost/cut slide controls calibrated in 4 dB increments and center-detent flat positions, EQ record switch, tape monitor, tape in/out jacks, bypass button. Metal case. U.L. listed. 31-2000 179.95



5-Band Graphic Equalizer

79⁹⁵

*EQ Bypass for Instant
Comparison to Input*

Boost or cut frequency response up to 12 dB at 60, 240, 1000, 3500, and 10,000 Hz. Has 10 precision linear controls with center detents, tape monitor button and tape in/out jacks. Harmonic distortion: 0.02% at 0.775 volt output. Black metal case, brushed aluminum front. 4 $\frac{1}{2}$ "x10 $\frac{1}{4}$ "x6". U.L. listed. 31-1988 79.95

Sound Level Meter With Six Ranges

39⁹⁵

Great for adjusting equalizers or checking sound levels in schools, offices, factories. Reads 60 to 126 dB with slow and fast response settings. Electret mike, tape recording output, tripod socket. 6 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x1 $\frac{1}{2}$ ". Requires 9V battery. 42-3019 39.95



Peak and rms LED Audio Power Meter

49⁹⁵

*Helps Prevent
Speaker Damage*

Realistic APM-300. Valuable addition to your music system. Meter monitors your audio power output with a fast attack 19-LED display that responds instantly to power bursts. Indicates the peak or rms wattage being delivered to your speakers on either 0-2 watt or 0-200 watt range so you can avoid overdriving. Selectable 4 or 8-ohm input impedance. On-off switch. Black metal case. 1 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x5 $\frac{1}{2}$ ". U.L. listed. 42-2104 49.95

Low-Cost Audio Power Meter

19⁹⁵

*Constantly
Monitors
Audio Power*



Realistic APM-100. Provides a constant indication of amplifier output power—under operating conditions. Reads up to 100 watts rms. Simulated walnut. 3x6x2". 42-2100 19.95

Electronic Rhythm Box Provides Accompaniment



79⁹⁵ *5 Rhythms: Latin, Bossa,
Rock, Foxtrot and Waltz*

Realistic Concertmate[®] Accompanist/Metronome. Five rhythms may be used separately or together. Side-action volume and tempo controls. Metronome mode has pleasant beat. Use the built-in speaker or play it through any amplifier. 2 $\frac{1}{2}$ "x8x11". Requires 6 "C" batteries. 42-2103 79.95

Stereo Tape Control Center

24⁹⁵

**NEW
FOR '80**



Monitor, record and dub from up to three stereo tape decks. Also use with equalizer, noise reduction system, time-delay devices. Connects to tape in/out jacks. Molded case. 2 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x4 $\frac{1}{2}$ ". 42-2105 24.95

Now — The Ultimate Musical Instrument!

Realistic Synthesizer by Moog® Puts a Universe of Sound at Your Fingertips

Elton John with
the Realistic
MG-1 Synthesizer



A Polyphonic Synthesizer With Professional Features Designed for Concert Performance, Composing, Rehearsing or Personal Enjoyment

NEW
FOR '80

Only 499⁹⁵



Realistic MG-1 Synthesizer by Moog. Price breakthrough — an advanced, totally electronic instrument that almost anyone can afford! It's designed to give any band the powerful sounds of today's music. And even non-musicians will be amazed at the infinite variety of sounds and effects they can produce right in their own living room. Polyphonic capabilities let you play chords like an organ — it can even sound like an organ! Different control settings let you recreate the sounds of musical instruments — everything from a piccolo to a tuba. It's like having a symphony orchestra on a table. Create special effects like helicopters, engines, storms, even a landing UFO! You're limited only by your imagination. The control panel is divided into related sections and color-coded for easy use. Two independent tone sources with variable wave shapes (three octaves each) give it a "fat sound" that makes it a great lead synthesizer. Noise and bell tone give you added effects. A 4-control filter lets you adjust and emphasize the amount of high-pitched sound and contour. The Contour section lets you control the rise and fall times of tones. Two vari-



Great for "Live" Performances!

able contour selectors make it easy to control the sounds with the keyboard. The versatile Modulation section lets you create vibrato and tremolo effects, pulsating notes, random tone sequences and glide effects. Included, is an easy-to-read teaching manual that can have you "synthesizing" like a pro in no time. Play it through your stereo system, a standard instrument amplifier, or connect headphones directly to the MG-1. Nowhere else will you find a synthesizer with these incredible features at such an amazing low price! U.L. listed. 42-4000 499.95

CONTROLS. Master Volume. Mixer: Tone One, Tone Two, Noise, Bell Tone, Polyphony. Filter: Keyboard Tracking (Out, 1/2, Full), Cutoff Frequency, Peak Emphasis, Contoured Cutoff. Contour: Sustain Out/In, Contoured Keyed Cont. Source, Rise Time, Fall Time. **Tone Source One:** Sync 2-1 selector, 3-pos. Octave sel., 2-pos. Wave Shape sel. **Tone Source Two:** Detune, 3-pos. Octave sel., 2-pos. Wave Shape sel. **Modulation:** Tone Sources, Filter, Keyboard Glide, Modulation Rate, 3-pos. Wave Shape sel. with Random, 2-pos. Auto Contour Trigger. **Tuning:** Tone Sources and Polyphony. **EXTERNAL CONNECTIONS:** Headphone jack, phono-type output jacks, aux input. **SIZE:** 5x20"x12"

* Trademark of Norlin Industries

Elegant Optimus® High-Performance "Tower" Speakers

Top of the Line! Two 10" Woofers



259⁹⁵
Each

- Genuine Oiled Walnut Veneer
- 5½" Midrange • 2" Edgeless Tweeter

Realistic® Optimus T-200. Our best sounding speaker ever, the "200" delivers a flat, uncolored frequency response with high or moderate powered amplifiers. The two active woofers move only half the distance of a single-woofer system, boosting efficiency and lowering distortion and cone breakup. Gradual-slope crossovers improve power handling capacity and ensure smooth transitions in bass-midrange-treble response. Keeping in tune with the latest time-alignment technology, we've staggered the tweeter so there are no sudden phase shifts or discontinuities in the measured phase response. Plus, a special horn assembly around the cone tweeter improves high-frequency dispersion. And T-200s look great anywhere in a room because they're finished on 5 sides in genuine oiled walnut veneer— not vinyl or plastic. 40-2029 259.95

SPECIFICATIONS. Response: 50-20,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter/ 1 watt). Controls: Variable midrange and treble. Power Handling Capacity: 150 watts. Impedance: 8 ohms. Size: 34½x12½x12½"

High-Efficiency Speaker System



179⁹⁵
Each

- Genuine Oiled Walnut Veneer
- 8" Woofer • 10" Passive Radiator
- 2" Tweeter with Acoustic Lens

Realistic Optimus® T-110. The newest addition to our famous Optimus speaker line! Its 10" passive-radiator coupled with the long-throw woofer combine to deliver deep bass down to 50 Hz. Extended-range, high-compliance tweeter projects through a special acoustic lens to give you a broad dispersion pattern and improved imaging. Unique ferrofluid-cooled tweeter allows increased power handling capacity and improved response. The T-110 has real style, too! The enclosure features genuine walnut veneer (not vinyl) finish and looks great anywhere in your home. With spring-loaded push-terminals for easy hook-up. Removable grille. 40-2037 . . . 179.95

SPECIFICATIONS. Response: 50-20,000 Hz. System Sensitivity: 92 dB (SPL at 1 meter/ 1 watt). Power Handling Capacity: 80 watts. Impedance: 8 ohms. Size: 35½x12½x11½"

Tuned-Labyrinth Speaker System



129⁹⁵
Each

- Genuine Oiled Walnut Veneer
- 8" Woofer • 1" Soft Dome Tweeter

Realistic Optimus T-70. Audio breakthrough! A high-performance 1" soft dome tweeter delivers smooth response up to 20,000 Hz. Its wide dispersion and very low distortion mean you hear detailed reproduction of the highest piano notes or the crash of cymbals with dramatic clarity. A long-throw 8" woofer and tuned-labyrinth enclosure reinforce the lower bass and permit excellent transient response. All this, plus hand-finished cabinetry of mitre-folded walnut veneer machined from a single panel for continuity of grain and color— no plastic or vinyl.

40-2023 129.95

SPECIFICATIONS. Response: 55-20,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter/ 1 watt). Power Handling Capacity: 75 watts. Impedance: 8 ohms. Size: 29½x10½x10½"



Acoustically Tuned Labyrinth Enclosure Reinforces Bass

How Power Ratings Are Determined. The figures stated with Realistic speakers indicate the speaker may be used with receivers and amplifiers delivering up to the stated (rms) continuous power per channel, driven to clipping 10% of the time, on normal music source material.

Get Realistic® Speakers for the Real Sound of Music

Powerful Mach One® Liquid Cooled — For Bass You Can Feel!

- Genuine Oiled Walnut Veneer
- Massive 15" Woofer With 32-Ounce Magnet

239⁹⁵
Each

Realistic Mach One "Liquid Cooled." The new Mach One Liquid Cooled features "ferrofluid-cooling." Ferrofluid is a magnetic liquid that increases a speaker's power handling capacity and helps control voice coil travel for improved linearity of response. And if it's tight "wall-shaking" bass you like, this speaker is for you! Its 15" woofer, sectoral midrange horn and heavy-duty horn tweeter work in concert to deliver all the punch that today's music packs. Plus, the frequency response covers the entire audio range so you won't miss a note of your favorite performers. All this plus a beautiful finish — because we know you want wood, not plastic or vinyl. 40-4029 239.95

SPECIFICATIONS. Response: 25-20,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter 1 watt). Power Handling Capacity: 160 watts. Impedance: 8 ohms. Size: 28½x17½x12"



Liquid cooled sectoral midrange horn designed to provide a true spatial image — smooth 800-8000 Hz response for "live" presence

Liquid cooled heavy-duty "bullet" tweeter horn delivers crisp, clean highs from 8000-20,000 Hz

Treble and midrange L-pads for precise adjustment of response to suit room acoustics

Acoustic suspension woofer pumps out huge volumes of air — you can feel the bass down to 25 Hz — four-layer voice coil is edge-wound on a brass form to increase the magnetic flux density for improved performance

Deluxe 2-Way Passive Radiator System

139⁹⁵
Each

- Genuine Walnut Veneer
- 10" Passive Radiator
- 8" Woofer • 3¼" Tweeter

Realistic Optimus-10. Sophisticated, efficient design! Active woofer and passive radiator are acoustically-coupled to put out deep, rich bass usually heard from speakers with much larger woofers. Brilliance contour controls high-frequencies to suit room acoustics. Phono jacks and screw terminals.

40-2028 139.95

2-Way Passive Radiator System

- Genuine Walnut Veneer
- 8" Passive Radiator
- 8" Woofer • 2½" Tweeter

Realistic Nova[®]-10. Exciting depth and clarity of bass frequencies from the high-compliance woofer and passive radiator. Specially-designed extended-range tweeter for high output and low distortion.

40-4028 129.95

SPECIFICATIONS. Response: 80-18,000 Hz. System Sensitivity: 90 dB (SPL at 1 meter 1 watt). Power Handling Capacity: 50 watts. Impedance: 8 ohms. Size: 22x12½x10½"



129⁹⁵
Each

2-Way Bass Reflex Speaker System

- Genuine Walnut Veneer
- 8" Woofer • 2" Tweeter

Realistic Nova-5. Long-throw woofer and tuned port design for well-defined bass. Smooth transition crossover. Wide dispersion tweeter for clear, crisp highs. 40-4030 ... 79.95

SPECIFICATIONS. Response: 60-20,000 Hz. System Sensitivity: 89 dB (SPL at 1 meter 1 watt). Power Handling Capacity: 30 watts. Impedance: 8 ohms. Size: 19x10½x7½"



79⁹⁵
Each

5-Year Limited Warranty

Realistic MC Series, Nova,[®] Minimus,[®] Optimus,[®] and Mach One,[®] speaker systems are warranted against defects for 5 years from the date of purchase. Within this period Radio Shack will repair the equipment without charge for parts and labor. Simply bring your sales slip as proof of purchase date to your Radio Shack store. Warranty does not cover transportation costs nor does it cover equipment subject to misuse or accidental damage. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Our Amazing Minimus® Die-Cast Speakers



The Famous Minimus®-7 **49⁹⁵** Each

Here's what *Stereo Review Magazine* says about our Minimus-7:

"The panel found its sense of openness, level of definition, reproduction of musical detail, and stereo imaging were all quite good... power handling above average... a good buy."

Quotes excerpted with permission from STEREO REVIEW, Aug. 1979, article "Nineteen Minispeakers" copyright © 1979 Ziff-Davis Publishing Co. All rights reserved.

Realistic Minimus-7. The little speaker with the big sound that set the audio industry on its ear! Less than 8" high, yet it delivers full-range response up to 20,000 Hz from a long-excursion 4" woofer and 1" soft-dome tweeter. Smooth transition L-C crossover network. Power handling capacity, 40 watts. Die-cast metal enclosure. 8 ohms. 7¹/₂"x4⁷/₈"x4¹/₂"

Black, 40-2030/Silver, 40-2034 Each 49.95

Adjustable Mounting Bracket. For wall, ceiling or mobile use. 40-2031 Pair 14.95

Realistic Minimus-11. The Minimus-7's "big brother" features the same acclaimed design concept with a 5" woofer and 2¹/₂" horn-loaded tweeter. Acoustically aligned for proper time relationship to deliver an "open" natural sound in the midrange—really brings vocals to life! Power handling capacity, 50 watts. Die-cast metal enclosure. 8 ohms. 10¹/₂"x6¹/₂"x6¹/₂"

Silver, 40-2035/Black, 40-2036 Each 79.95

The Exciting Minimus®-11 **79⁹⁵** Each

The Minimus-7's
Big
Brother



Space-Saving Floor/Bookshelf Speakers In Genuine Walnut Veneer Enclosures

Tuned-Port Speaker System Bass Reflex Speaker

99⁹⁵ Each • Efficient 8" Woofer
• 2¹/₂" Wide-Dispersion Tweeter

Realistic MC-2001. Smooth sound—from deep, non-booming bass to clear, dramatic highs. Response is 60-17,000 Hz. Power handling capacity, 60 watts. Phono-type jacks and screw terminals. Removable grille. 8 ohms. 22¹/₂"x13x8¹/₄" 40-1987 99.95

• 8" Woofer
• 4¹/₂" Tweeter
• Ported Enclosure **69⁹⁵** Each

Realistic MC-1401. Powerful bass from receivers with as little as 5 watts rms. Tuned-port enclosure system delivers rich sound from 80-20,000 Hz. Power handling capacity, 55 watts. Phono-type jacks and screw terminals. 8 ohms. 18x11¹/₂"x7¹/₂"

40-1988 69.95

2-Way Speaker System

59⁹⁵ Each Extended-Range Tweeter

Realistic MC-1201. 8" woofer (25 sq. in. radiating area) for deep bass and 2¹/₂" tweeter for crisp highs. Response, 85-17,000 Hz. Power handling capacity, 50 watts. Removable decorator grille. Phono-type jacks and screw terminals. 8 ohms. 17¹/₄"x10¹/₂"x7¹/₂"

40-1990 59.95

2-Way Bookshelf Speaker

• Efficient Design
• Removable Grille **39⁹⁵** Each

Realistic MC-600. Wide-range 100-18,000 Hz sound with extended bass response from a 6¹/₂" woofer and 2¹/₂" tweeter. Power handling capacity, 40 watts. Phono-type jacks and screw terminals. 8 ohms. 13¹/₂"x8⁷/₈"x5¹/₄"

40-1979 39.95

NEW FOR '82

Audio Racks and Extension Speakers for Your System

Organize and Showcase Your Music System



Adjustable
3-Way
Shelves

69⁹⁵

2 Locking
Full-Length
Glass Doors

129⁹⁵

Components
not included

• Easy to Assemble

• Walnut Grained Vinyl Veneer

Handsome rack on heavy-duty no-mar casters. Use top for changer, middle shelf for receiver, 3rd for tape deck, bottom for LP's and tapes. 34½x23x17"

42-3021 69.95



Protect and display your system. Internal shelves hold 3 components; bottom shelf for LP's. Use top for turntable. Heavy-duty casters. 44x23x18" 42-3023 129.95

Remarkable Super Tweeter

Extends Highs
To 40,000 Hz

19⁹⁵
Each

Add brilliance to any speaker! Mounts inside or outside enclosure. Built-in crossover. 50-watt capacity. 4" high, 8 ohms.

40-1310 19.95



Piezo Super Tweeter

5000-27,000
Hz Response

14⁹⁵
Each

Dramatic enhancement for your sound! Burnout-proof design — no voice coil, no crossover needed. 96 dB (SPL at 1 meter/1 watt). 75-watt capacity.

40-1380 14.95



Wood Speaker Stands

Adjustable stands lift and properly angle speakers 7" off the floor. Improves sound.

40-1253 Pair 24.95

24⁹⁵
Pair

Stained
Walnut



29⁹⁵
Each

Add Extension Speakers to Your Home to Surround Yourself with Music

A Size and
Shape for
Every Place



34⁹⁵
Each

24⁹⁵
Each

19⁹⁵
Each

14⁹⁵
Each

12⁹⁵
Each

11⁹⁵
Each

A Realistic Minimus®-9. Floor/shelf speaker has air-suspension design. 8" woofer delivers deep bass, 3" tweeter for crisp, clear highs. Walnut vinyl veneer enclosure. 22x12x16½" 8 ohms. With 24-foot cable. 40-914 29.95

B Realistic Minimus-5. Air-suspension 6½" woofer and 1½" horn tweeter provide clean, clear 100-20,000 Hz audio response. Power handling, 15 watts. Has both phono-type and screw terminal inputs. In genuine walnut veneer enclosure. 12¼x9x6½" 8 ohms. 40-255 34.95

C Realistic Minimus-4. Wide-range speaker is ideal for your bookshelf. 5" speaker with whizzer cone delivers 125-17,000 Hz sound. Walnut vinyl veneer. 12¼x7¼x5¼" 8 ohms. 40-224 24.95

D Realistic Minimus-8. Only 9¼x5¼x4¼", yet its 4" speaker delivers full-range 130-20,000 Hz response. Walnut vinyl veneer enclosure. 8 ohms. 40-216 19.95

E Realistic Minimus-0.5. Smallest speaker ever to be reviewed by a major audio magazine! Only 6¼x4¼x4¼", but delivers BIG sound. Walnut vinyl veneer. 8 ohms. 40-1995 14.95

F Realistic Minimus-3. Great for extension or replacement use. Full-range 5" speaker. Walnut vinyl veneer enclosure. 10x8½x5½" 8 ohms. 40-913 12.95

G Realistic "Wedge" Extension Speaker. Genuine teakwood veneer finish! 4¾x7¾x6". Has cable with mini, sub-mini plugs. Improves transistor radios, cassette players. 40-1247 11.95

MORE PEOPLE BUY REALISTIC SPEAKERS EACH YEAR THAN ANY OTHER BRAND

Compact AM/FM Phono Cassette Record/Play Systems

Complete Stereo System With Accurate LED Digital AM/FM Tuning Display

299⁹⁵

- Includes 22"-High 2-Way Speakers
- Connections for Two Extra Speakers
- 3-Speed Record Changer

Realistic Clarinette[®]-106. A versatile home entertainment center with a number of "extra" features! You can record cassettes directly from records or radio — or add mikes and make "live" stereo tapes. Cassette has Auto-Level for perfect-volume recordings without adjustments, Auto-Stop at end of tape, LED record mode indicator, 3-digit tape counter, and 6 push-lever controls — including pause for editing as you record. Changer plays LPs, 45s and 78s, has hinged cover and record-saving cue-pause lever. Tuner features a 7-level LED signal strength indicator for precise tuning, edge-lighted dial, AFC for drift-free FM, built-in antennas and terminals for external FM antenna. Amplifier has full-range bass and treble controls, stereo headphone jack, speaker selectors. Walnut vinyl veneer finish. 6x21 $\frac{1}{2}$ x14 $\frac{1}{2}$ ". Matching 22x12x6 $\frac{1}{2}$ " speakers with 8" woofers and 3" tweeters. U.L. listed. 13-1211 299.95

NEW FOR '83

Many "Big-System" Features!



LED Digital Tuning Display, LED FM Center-Tuning Meter, LED Stereo Indicator



Loudness Control for Solid Bass At Low Volume. HI-Filter Cuts Tape "Hiss," Record Scratches



7-Level LED Signal Strength Indicator for Easy, Accurate Tuning on Both AM and FM

Low-Priced 3-Piece Stereo System

- Matching 18" High Speaker Enclosures
- Cassette with Auto-Stop, Auto-Level, Pause Control

219⁹⁵

Realistic Clarinette[®]-90. A low price for so many features! Records from radio, changer — even "live" if you add mikes. Three-speed changer has hinged dust cover. Tuner has beautiful edge-lighted dial, FM-AFC, FM stereo indicator, built-in antennas, external FM antenna terminal. Amplifier features volume, balance and tone controls and a stereo headphone jack. Walnut vinyl veneer cabinet. 5 $\frac{1}{2}$ x20 $\frac{1}{2}$ x17 $\frac{1}{2}$ ". Speakers, 18x11 $\frac{1}{2}$ x5 $\frac{1}{4}$ ". U.L. listed.

13-1199 219.95

NEW FOR '83



Realistic® Space-Saving All-in-One Stereo Systems

AM/FM Stereo Cassette/Phono With Great Sound, Superb Styling and Room to Grow

- Includes 22"-High 2-Way Speakers
- Connections for Two Extra Speakers
- Deluxe 3-Speed Record Changer

279⁹⁵

Realistic Clarinette-105. Record your own tapes for home or car from the radio, changer and aux input—or add mikes for "live" stereo recordings. Cassette has push-key controls for all functions including pause, a damped door, Auto-Stop in record mode, 3-digit counter to help spot specific selections, and LED record mode indicator. The changer plays discs of all sizes, has a cue/pause lever to prevent record scratches, long-life diamond/sapphire stylus and a hinged cover. Tuner features a high-style edge-lighted dial, FM stereo indicator, built-in antennas and terminal for external FM antenna. Amplifier has convenient slide-action controls for volume, balance, bass and treble, jack for a stereo headphone, loudness control for rich bass even at low volume. Walnut vinyl veneer finish. 10x23x16". The 22x12x6½" speaker systems have 8" woofers and 3" tweeters. U.L. listed. 13-1207 279.95

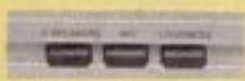


Tapes not included

Check These Great Features!



Illuminated VU Meters and Dual Control for Easy and Exact Record-Level Setting



Pushbuttons for Loudness, 2 or 4 Speakers and FM AFC Mode



Function Selector With Aux Input for Adding a Second Tape Player, Phono Or Even TV Sound!



One-Piece AM/FM Stereo Cassette Phono With Recessed Changer

NEW FOR '82



199⁹⁵

- Two Built-In Hi-Fi Speakers
- Stereo-Wide Switch Gives You Enhanced Realism in All Modes

Realistic Clarinette-104. Big stereo sound and the most-wanted features—in a size that's ideal for bedroom, game room, den or dorm! Three-speed changer includes dust cover. Cassette deck records tapes directly from radio and phono—or you can add mikes for "live" recordings. Has 3-digit tape counter, Auto-Stop record indicator light, pushbutton controls. Tuner has wide slide-rule dial, FM stereo indicator, built-in antennas. Amplifier with stereo headphone jack, volume, balance and tone controls. 8½x19½x17¼" molded cabinet. U.L. listed. 13-1210 199.95

Complete Music Systems! AM/FM Stereo Phonos With Built-In Cassette and 8-Track Tape Recorders



Tapes not included

Our Most Versatile All-in-One!

379⁹⁵ Records 8-Tracks and Cassettes Independently or Simultaneously From Phono, Radio or Aux Input

Realistic Clarinette®-103. Deluxe entertainment center even lets you make cassette copies of 8-tracks and 8-track copies of cassettes. Combines front-load cassette deck with digital tape counter and pause; 8-track deck with pause and Auto-Stop; AM/FM tuner with edge-lit slide-rule dial and FM stereo indicator; 3-speed changer with cue/pause lever and hinged dust cover. Features separate bass, treble and loudness controls, FM-AFC, 4-speaker pushbutton, detented volume control. Mike and headphone jacks, remote-speaker terminals, built-in antennas, terminals for external FM antenna. Walnut vinyl veneer. 10x22 $\frac{3}{4}$ x16 $\frac{1}{2}$ " Matching 22x13x6" speaker systems, each with 8" woofer and 3" tweeter. U.L. listed. 13-1209 379.95



Lighted AM/FM Tuning Meter



Lighted VU Meters, Separate Record Level Controls

Pushbuttons for Remote Speakers and Loudness

Low-Priced Cassette/8-Track System! Record Stereo Tapes for Home and Car

- Auto-Level Recording
- Bass and Treble Controls
- Remote-Speaker Jacks

299⁹⁵

Realistic Clarinette-102. Both decks record independently or simultaneously from phono, radio or mike jacks — even make deck-to-deck copies! Cassette has digital counter, 8-track has Auto-Stop in record mode. Automatic 3-speed changer with diamond/sapphire stylus and dust cover. Tuner has lighted dial. Headphone jack. Walnut vinyl veneer finish. 9 $\frac{1}{2}$ x22 $\frac{3}{4}$ x14 $\frac{1}{2}$ " Matching 22x12x6 $\frac{1}{2}$ " speaker systems, each with 8" woofer and 3" tweeter. U.L. listed. 13-1208 299.95

Features



Lighted AM/FM Tuning Meter



Front-Load Cassette Deck



Phono Systems Perfect for Music-Minded Kids

AM/FM Radio With Stereo Phono

Compact Stereo Phono System



- Two-Speed Record Player
- Removable Dust Cover

Ideal for Any Kid's Room



Speakers Separate Up to 18 Feet

89⁹⁵

- Removable Tinted Dust Cover



69⁹⁵

Clarinette-14. Space-saving design. Pedestal holds the phono-tuner plus either the speakers or your 45-RPM record collection. Features a ceramic phono cartridge with sapphire stylus, built-in 45-RPM adapter and slide-rule tuning dial. 6 $\frac{1}{4}$ "x13x10". Two wide-range 4" speakers in molded 6 $\frac{1}{4}$ "x6 $\frac{1}{4}$ "x6 $\frac{1}{4}$ " enclosures. U.L. listed. 13-1161

89.95

Clarinette-12. Great stereo and practical too! Multi-purpose pedestal holds phono and speakers, or use it as a 45-RPM record holder. Two-speed manual record player has sapphire-stylus cartridge, built-in 45-RPM adapter. Stereo headphone jack. 6 $\frac{1}{4}$ "x13x10". Wide-range 4" speakers in molded 7x6 $\frac{1}{2}$ "x6 $\frac{1}{2}$ " enclosures. U.L. listed. 13-1162

69.95



NEW FOR '82

Manual Phono With Multi-Colored "Light Show"

39⁹⁵



Pick Your "Li'l Pardner" for the Cotton-Eyed-Joe

This great little "sidekick" for music-loving youngsters features a colorful, flashing light display up-front. The 2-speed phono has on/off volume control and "pop-up" 45-RPM adapter. 7x13x10". U.L. listed. Makes a nice gift! 13-1116

39.95

"Child's Play" Manual Phono

24⁹⁵



Kids Love Its "Blue Jeans" Top

- Stylish Carry Case Really Gets Attention
- Safe and Simple to Use • 2 Speeds

Plays LP's or 45's! Lightweight tone arm, sapphire stylus. On/off volume control, top-mounted speaker, built-in 45-RPM adapter. Bright blue molded carry case. 4 $\frac{1}{4}$ "x11 $\frac{1}{2}$ "x8 $\frac{1}{4}$ ". U.L. listed. 13-1115

24.95

Portable Kiddy Cassette Player

- Easy, Automatic Load and Play
- Fast Forward/Eject Button • Auto-Stop

29⁹⁵

NEW FOR '82

Simple for kids to use. Plays all standard cassettes. Features auto-play when tape is inserted, turns off at end of tape. Has volume control, built-in speaker, jacks for earphone and external AC adapter. With adjustable carry strap. 5 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x2 $\frac{1}{2}$ ". Requires 4 "C" batteries. 14-845

29.95

AC Adapter. Operates player on house current. U.L. listed. 273-1454

5.95



Just Insert Cassette And Player Starts Automatically!

Available Oct. 15, 1981

New! Top Stars on Realistic® Stereo Cassettes & LPs

A Linda Ronstadt



For Country Lovers
Cassette 4.99 **4.49** LP

B Waylon Jennings



Just to Satisfy You
Cassette 4.99 **4.49** LP

C Willie Nelson



Once More With Feeling
Cassette 4.99 **4.49** LP

D Sonic Bullets Rock Classics

Half-Speed Mastered,
Super-High-Fidelity LP
or
High-Definition
Chrome Cassette

Your Choice
LP or Cassette **9.95**

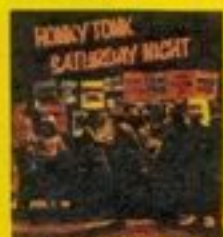


E Ramblin' Fever



Movin' On Music
Cassette 4.99 **4.49** LP

F Honky Tonk



Saturday Night Good Times
Cassette 4.99 **4.49** LP

G Outlaw Country



Rough Edged Country
Cassette 4.99 **4.49** LP

H Beach Boys



With Jan & Dean
Cassette 4.99 **4.49** LP

I Fiedler & Friends



With Special Guest Stars
Cassette 4.99 **4.49** LP

A Linda Ronstadt. "I Can't Help It," "When Will I Be Loved," "Silver Threads and Golden Needles," "Break My Mind," "I Fall to Pieces," "Lovesick Blues," "Crazy Arms," "I Still Miss Someone," more.
LP, 51-7002 **4.49** Cassette, 51-9002 **4.99**

B Waylon Jennings. "This Time," "Brown-Eyed Handsome Man," "Kentucky Woman," "Games People Play," "Ruby," "Only Daddy That'll Walk the Line," "Casey's Last Ride," "Heartaches by the Number," more.
LP, 51-7009 **4.49** Cassette, 51-9009 **4.99**

C Willie Nelson. "Bloody Merry Morning," "Yesterday's Wine," "Help Me Make It Through the Night," "I'd Trade All of My Tomorrows," "Hello Walls," "My Own Peculiar Way," "Will You Remember," more.
LP, 51-7008 **4.49** Cassette, 51-9008 **4.99**

D Sonic Bullets. Ten rock superstar classics by Pat Benatar, Journey, Eddie Money, Earth, Wind & Fire, Cheap Trick, Boston, Elvin Bishop, Toto, Dave Mason, Santana.
LP, 51-7005 **9.95** Cassette, 51-9005 **9.95**

E Ramblin' Fever. Ten travelin' tunes by Don Williams, Hank Williams Jr., Poco, America, Outlaws, Merle Haggard, Bellamy Brothers, Grateful Dead, Little Feat, Ozark Mountain Daredevils.
LP, 51-7007 **4.49** Cassette, 51-9007 **4.99**

F Honky Tonk. Ten fun-lovin' songs by Jerry Lee Lewis, Mickey Gilley, Willie Nelson, John Conlee, Conway Twitty, Emmylou Harris, Commander Cody, Gail Davies, Hank Williams, Jr., Tanya Tucker.
LP, 51-7006 **4.49** Cassette, 51-9006 **4.99**

G Outlaw Country. Rugged, Western-style hits by Moe and Joe, David Allen Coe, George Jones, Willie Nelson, Johnny Paycheck, Charlie Rich, Charlie Daniels Band, Johnny Duncan with Janie Fricke, Lacy J. Dalton, Johnny Cash.
LP, 51-7004 **4.49** Cassette, 51-9004 **4.99**

H Beach Boys/Jan & Dean. "Surfin' U.S.A.," "Deadman's Curve," "Surf City," "Little Deuce Coupe," "Fun, Fun, Fun," "I Get Around," "Drag City," "Shut Down," "Little Old Lady from Pasadena," more.
LP, 51-7010 **4.49** Cassette, 51-9010 **4.99**

I Arthur Fiedler & His Friends. Ten Boston Pops offerings featuring guest artists Peter Nero, Chet Atkins, Stan Getz, Al Hirt and the immortal Duke Ellington.
LP, 51-7012 **4.49** Cassette, 51-9012 **4.99**

Put the Hammer Down. Ten trucker favorites! "Movin' On," Merle Haggard, "Convoy," C. W. McCall, "White Line Fever," Merle Haggard, "Phantom 309," Red Sovine, 8 others.
Cassette, 51-8101 **4.49** 8-Track 51-8001 **4.49**

Make Your Party a Brilliant "Happening" With a Psycho-Lite®

Hypnotic Strobe Light



29.95

Adds "Boogie Fever"

Adjustable, rapid-fire bursts of light seem to stop motion—great effect!
Walnut vinyl. 7 1/2" x 5 1/2" x 4 3/4".
42-3009 **29.95**

3-Color Light Show

34.95

Wireless!
No Hookup Problems—Ready to Plug In

Built-in sound sensors turn music into a flashing, ever-changing display. Just plug into AC. Walnut vinyl. 18 1/2" x 11 1/2" x 4 3/4".
42-3012 **34.95**

Super-Strobe



NEW FOR '82

Super Bright

Variable Speed For "Pro" Use **44.95**

Set for 1-10 flashes per second. Great for bands, photographers. Adjustable mtg. bracket. Metal case. 9x9x6".
42-3025 **44.95**

Spinning Color-Ball

12.95

Dresses Up Dances and Parties



A moving spectrum of colorful rays will "dazzle" guests. Decorative chromed base. 9 1/4" high, 3 1/2" dia.
42-3016 **12.95**

Psycho-Lite Bulb

4.99

Wild, flickering, fire-like action! Fits any standard light socket.
42-3014 **4.99**



Psycho-Lite Lamp

10.95

For Psycho Lite Bulb Above
Reflective lamp for high-energy effect! Bulb not included. 8 1/2" x 9 1/2" x 5 1/4".
42-3017 **10.95**



"Full-Size" Stereo Sound in a Portable Mini-Package



Personal AM/FM
Stereo Radio

NEW
FOR '81

39⁹⁵

Enjoy Your Favorite Music, in Stereo, Anywhere You Go With A STEREO-MATE™ Companion!

- Light Weight, Yet Withstands Strenuous Activity
- Balance Control
- Built-In FM AFC



Available Oct. 15, 1981

Built-in Carry Clip
Attaches To Pocket Or Belt

Realistic® STEREO-MATE AM/FM Radio. A great little entertainer! Take it along and hear extraordinary stereo sound through our Nova-50 micro headphones (or your own comparable headset). With slide-rule dial, on-off/volume control, 1/4" headphone jack, vinyl carry case with shoulder strap. Only 5 1/4 x 3 1/4 x 1 3/8". Requires 3 "AA" batteries.
12-111. Less headset 39.95
Complete With Micro Headset ... 59.95

Personal Stereo
Cassette Player

NEW
FOR '81

79⁹⁵

- Glide-Path® Volume/Balance
- Normal-CrO₂/Metal Selector
- Full Auto-Stop
- Low-Battery LED



Available Oct. 15, 1981

Realistic SCP-4. Hear superb stereo sound in privacy. "Hands-free" design lets you listen while hiking, working, traveling or exercising with Nova-50 headset. Has rewind/review and fast forward, built-in recharger for nickel cadmium batteries when using AC adapter (below), 1/4" headphone jack. Only 6 1/4 x 4 x 1 1/4". Requires 3 "AA" batteries or AC or DC adapter.
14-618. Less headset 79.95
Complete With Micro Headset . . . 99.95
AC Adapter. U.L. listed.
273-1454 5.95



Realistic Nova-50.
Weights under 3 oz. 1/4" plug. See page 35 for details 33-998 . . . 21.95



Included

Vinyl Carrying Case and Shoulder Strap



Optional



Cassette Carrying Pouch—Attaches To Strap

See page 48
#44-891 . . . 2.49

Stereo Cassette Record/Play Deck With Two Built-In Condenser Mikes

- Normal/CrO₂ Tape Selector
- Glide-Path® Volume/Balance
- Built-In Speaker for Monophonic Playback

NEW
FOR '81

99⁹⁵

Available Dec. 30, 1981

Realistic Miniset®-11. Ready to go anywhere—records "live" in stereo or doubles as a stereo player when used with Nova-50 headphones (or your own headset). Sophisticated Auto-Level circuit captures concerts or conferences perfectly. Features pause button for easy editing, end-of-tape Auto-Stop, digital tape counter, battery/record LED. Jacks for 1/4" stereo headphone, external stereo mikes, aux. With vinyl carry case and shoulder strap. 17 1/4 x 8 7/8 x 4 7/8". Requires 4 "AA" batteries or AC or DC adapter. 14-1011 99.95
AC Adapter. U.L. listed. 273-1454 5.95



REALISTIC — THE FAMOUS INTERNATIONAL BRAND SOLD IN 53 COUNTRIES

www.RadioShackCatalogs.com

Discover the Magic of Private Stereo Listening

• 10-22,000 Hz
• Low Distortion

49⁹⁵

• 20-20,000 Hz
• Volume/Balance Controls

NEW LOW PRICE!
31⁹⁵

Was \$36.95
in 1981
Catalog

• 30-18,000 Hz
• Large Elements Deliver Solid Bass

24⁹⁵

• 50-15,000 Hz
• Glide-Path® Controls

19⁹⁵



A Realistic PRO-IIA. You'll get sensational stereo from special Mylar diaphragm drivers for a frequency response that's a full two octaves beyond the range of ordinary headphones. Effective cone radiating area is over 12 square inches — you hear the highest highs, lowest lows with sparkling clarity. Air-filled earcushions, heavily padded, adjustable headband for extra comfort. 10' coiled cord. **33-996** **49.95**

B Realistic Nova-PRO. Great stereo sound at your fingertips! Dual controls let you adjust the volume and balance just the way you like it — without leaving your chair. Rugged vinyl drivers handle high volume levels with ease. Comfortable foam-filled earcushions and padded, adjustable headband. 10' coiled cord. **33-1014** **31.95**

C Nova-40. Feature-packed, budget price! 3½" drivers deliver full-range sound from deep, pleasing bass to soaring highs. Oversize cushioned earcups, padded, adjustable headband for real comfort. 10' coiled cord. **33-993** **24.95**

D Nova-16. Lightweight for hours of listening pleasure, and you can easily adjust the left and right volume levels and balance as desired. Adjustable foam-padded headband and air-cushion earpads. 6½' cord. **33-1019** **19.95**

E Nova-10. Enjoy private stereo with one of our lowest priced headphones! The 2" drivers provide full bass, and the adjustable headband and cushioned earpads give a natural, airtight fit for listening in comfort. 6½' cord. **33-1012** **14.95**

ALL HEADPHONES ABOVE INCLUDE ¼" PLUG AND ARE DESIGNED FOR LOW IMPEDANCE USE

Add Convenience to Your Radio, TV or Stereo With Headphone Accessories

Coiled 24-Ft. Extension Cord

7⁹⁹



Lets you move about freely anywhere in the room without cord tangling. Heavy-duty cable with ¼" plug and jack. **42-2443** **7.99**

20-Ft. Headphone Extension

5⁶⁹



You can easily listen anywhere in the room. Non-coiled flexible cable with ¼" plug and jack. **42-2442** **5.69**

20-Ft. Dual Headphone Extension

NEW FOR '80

7²⁹



Listen with a friend! Adapts and extends single ¼" headphone jack for use with two headphones. **42-2439** **7.29**

3-Ft. Headphone Y-Adapter

4⁹⁹



Stereo For Two

Share your stereo listening enjoyment. Lets you connect two headphones to a single ¼" phone jack. **42-2448** **4.99**

Headphone Coupler

2⁹⁹



Add-A-Jack

Enjoy stereo headset listening with equipment having no headphone jack — attaches to speaker terminals. **33-1009** **2.99**

Realistic Lightweight Headphones - Music to Your Ears



Our Finest Headphones

NEW FOR '92

54⁹⁵

Extended
15-35,000 Hz
Response

Realistic PRO-60. Engineered for comfort and exciting stereo realism: too! Variable-density earcushions are designed to fit around the ear — feature an "acoustic resistance" to deliver solid bass response with open, transparent midrange and treble. Low distortion (<0.5% THD). Weigh less than 8 ounces. Self-adjusting, dual-suspension headband, 10' coiled cord. 1/4" plug. 33-999 54.95

"High-Velocity" Phones For "Up-Front" Sound

- 20-20,000 Hz
- Soft-Foam Earcushions
- Weigh Under 10 Oz.

41⁹⁵

Realistic LV-10. Perfect for listening to today's music. Unique electro-acoustical design and 2" dynamic elements deliver all the punch of a "live" rock concert with low distortion. Low-silhouette styling with vinyl-covered headband and self-adjusting yokes for extra comfort. 10' lightweight coiled cord. 1/4" plug. 33-1004 41.95



Low-Profile Headphones Feature Planar Drivers

39⁹⁵

- 20-20,000 Hz Response
- Uniform Phase Design
- Rare Earth Magnets

Realistic PRO-30. Try 'em on for great stereo! Low-mass drivers provide excellent transient response — you hear the music exactly as it is, without coloration. Adjustable, cushioned earpieces detach for compact storage. 10' lightweight coiled cord. 1/4" plug. 33-995 39.95



Ultra-Light Micro-Headphones

Weigh Less Than 2.8 Oz.

NEW FOR '92

21⁹⁵

So light you hardly know they're there — yet they deliver big, full-range sound! Designed for use with the newest miniature stereo cassette players, bigger portables and even your home stereo system!

Weigh Less Than 3.5 Oz.

NEW FOR '92

15⁹⁵

Realistic Nova-50. Our lightest phones! Rare earth magnets for great sound reproduction from high-efficiency Mylar drivers. 50-20,000 Hz. Foam earcushions. 6 1/2" cord. 1/4" plug. 33-998 21.95
Plug Adapter. Adapts Nova-50 to 1/8" stereo jack. 274-366 2.59

Realistic Nova-25. Fits many stereo players — ideal as a second set or for replacement use. 50-20,000 Hz. Foam earpads, adjustable headband. 5" cord. 1/8" stereo plug. 33-997 15.95
Plug Adapter. Adapts Nova-25 to 1/4" stereo jack. 274-367 2.39



Earphones and Accessories for "Private" and Special-Listening Applications



Pillow Speakers

2⁹⁹

4⁹⁹

A Compact. Listen while resting without bothering others. 1/4" mini plug fits most clock radios and portables. 33-206 2.99

B Deluxe. Slips under pillow for "private" listening. Built-in volume control. 1/4" mini plug. 33-207 4.99



Nova-Fone® Earphone

6⁹⁹ • Comfortable
• Wide Response

A speaker that completely covers the ear — you get superior sound. 1/4" plug fits most portables. 8 ohms. 33-1036 6.99

Earphones & Extension

A Fits most portable radios and recorders.

1/2" Plug. 33-174 1.49

1/4" Plug. 33-175 1.49

B 20' Extension. 1/4" jack-plug. 33-176 1.99



1.49

1.99

Stereo/Mono Headset

10⁹⁵

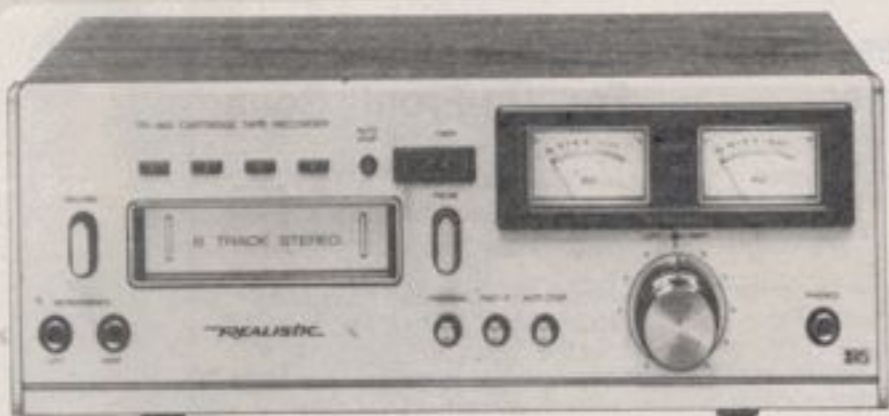
- Stereo/Mono Switch
- Dynamic Elements

Lightweight under-chin design. Ideal for dictation or music. Works with stereo or mono 1/4" jack. 8 ohms. 33-196 10.95



8-Track for Continuous Music at Home or On-the-Go

Our Stereo 8-Track Record/Play Deck Has the Features You Want



139⁹⁵

- Continuous Play or Program-4 Auto-Stop
- LED Program Indicators • Fast Forward
- Lighted VU Meters • Headphone Jack



Pause Control Lets You Edit While Recording

Realistic® TR-883. Record your own stereo tapes — better than you can buy — for playback at home or in your car or portable tape player. Tape stops at end of program-4 when recording — prevents accidental over-recording. Plays continuously or stops at end of program-4. Has 1/4" mike jacks, adjustable output level. Attractive walnut vinyl veneer case. 4 1/2" x 14 1/2" x 8 1/2". U.L. listed. 14-946 139.95



AM/FM Stereo 8-Track Portable Player/Radio

NEW FOR '81

99⁹⁵

Glide-Path® Volume/Balance

"Stereo-Wide" Switch Adds Realism

Concertmate®-8. Take it along to hear your favorite stereo tapes, AM or FM stereo. LED program indicators, tone control, headphone jack. 8 1/2" x 13 1/2" x 4 1/2". U.L. listed AC operation or 8 "D" batteries (not incl.) or optional DC adapter. 14-905 99.95

Available 11/15/81

Stereo 8-Track Play Deck



49⁹⁵

For "Second" Systems Or Playing Car Tapes

Realistic TR-169. Adjustable output level — works with aux or tape-in jacks. 4x7x10". U.L. listed. 14-935 49.95

Put a "Talking Notepad" in Your Pocket

Pocket Micro-Cassette

NEW FOR '81

99⁹⁵

Available 11/30/81

- 2-Speeds • Cue/Review and Pause
- Auto-Level • Auto-Stop • Counter

Realistic Micro-Minisettes. Records up to two hours at long-play speed, one hour at normal. Capstan drive for low wow and flutter. Built-in mike. Requires 2 "AA" batteries, or use rechargeable batteries with optional adapter. 5 1/4" x 2 1/4" x 1 1/4". 14-817 99.95

AC Adapter/Charger. 273-1435 4.95

Micro-Cassette Tape



MC-60. For capstan-drive recorders. Total recording time: 60 min. at 2.4 cm/sec.; 120 min. at 1.2 cm/sec. 44-640 3.49

Pocket Mini-Cassette

NEW LOW PRICE

69⁹⁵

Was 79.95 In 1981 Catalog

- Built-In Mike • Auto-Level
- LED Battery/Record Indicator

Realistic Minisettes II. For businessmen, students. Easy, one-hand operation. Requires 2 "AA" batteries, or use rechargeable nickel cadmium batteries with optional AC adapter. 5 1/4" x 2 1/4" x 1 1/4". 14-815 69.95

AC Adapter/Charger. 273-1435 4.95

Mini-Cassette Tape

Mini-30. For rim-drive recorders. With box and index label. Total recording time: 30 minutes.

44-633 2.99



RADIO SHACK MINI AND MICRO-CASSETTE RECORDERS INCLUDE VINYL CASE AND EARPHONE

www.RadioShackCatalogs.com

AM/FM Stereo Receiver With Dolby NR Cassette

The Perfect "Heart" for Your Music System



Get a Complete System And Save!



*TM Dolby Laboratories, Inc.

Modulaire-969 System With Changer, Speakers, Rack

279⁹⁵ Just Add Speakers and a Turntable For a Complete Stereo Music System

Save **\$60⁷⁵** Reg. Separate Items 489.75 **429⁰⁰**

Realistic Modulaire®-969. Magnificent all-in-one receiver lets you enjoy AM, FM stereo and cassette tapes. Record off-the-air or from other external sources. Dolby noise reduction cuts tape "hiss," extends dynamic range. Features hi-filter, loudness control, detented volume, bass and treble controls. Has dual lighted level meters, Auto-Stop at end of tape, 3-digit tape counter, mike inputs and headphone jack. Inputs for ceramic or magnetic-cartridge phono; aux inputs and tape out jacks for adding a second tape deck. Walnut vinyl finish. 7¹/₂x21¹/₄x13³/₈" U.L. listed. 14-653 279.95

- Modulaire-969 AM/FM Stereo Receiver With Built-In Dolby NR Cassette Deck
- LAB-56 Belt-Drive Record Changer
- Two Minimus®-9 Speaker Systems With 8" Woofer, 3" Tweeter, Walnut Vinyl Enclosure
- Rolling Audio Rack With Heavy-Duty Casters



Loaded With Features!

- Selector for Best Sound From CrO₂ Or Normal Cassette Tapes
- Dolby NR Works on Both Record and Play for Less Noise, More Music

Budget-Priced AM/FM/8-Track Stereo Music System

- Aux Input Lets You Add a Changer or Cassette Deck
- Walnut Vinyl Veneer

119⁹⁵

Realistic Modulette®-8. Great "second system" for den, bedroom or kitchen. Enjoy listening to AM, FM stereo or 8-track tapes. Auto-automatic or manual program change, program indicator lamps. Jacks let you add two extra speakers. 4¹/₂x18³/₄x10¹/₂" Speakers, 10x8³/₄x5¹/₂" U.L. listed. 12-1402 . . 119.95

Save When You Add a Changer



Compact Stereo Entertainment System at a Low Cost!



Save **\$15**

Reg. Separate Items 189.90

174⁹⁰

Realistic LAB-49 3-Speed Automatic Record Changer

See Page 19 for Full Description of Record Changer

SEE YOUR PHONE BOOK FOR THE RADIO SHACK STORE OR DEALER NEAREST YOU

www.RadioShackCatalogs.com

Our Best! Solenoid-Operated Stereo Cassette Decks

Three-Head Deck With
Double Dolby* NR,
Electronic Controls,
Auto-Rewind/Replay



NEW
FOR '81

399⁹⁵

Available Dec. 15, 1981

- Two-Color, 14-Step Fluorescent Peak-Hold Meters Display Highest Signal Levels for Easier and More Accurate Record-Level Setting
- Variable Bias Control and Tape Selector Let You "Fine-Tune" For Best Response From Normal, Chrome or Metal Cassettes

Separate Recording And Playback Heads

For monitoring off the tape as you record. Single-housing design for perfect alignment

Twin Solenoids

Direct-acting solenoids replace complex linkages for quiet and more reliable operation

Auto Rewind/ Memory Replay

Tape returns to position where Play button was last pressed, then plays again — automatically!

Specifications

Frequency Response ± 3 dB: 30-21,000 Hz (metal), 30-20,000 Hz (CrO₂); 30-19,000 Hz (normal)
Wow and Flutter: Less than 0.06%
WRMS Signal-to-Noise Ratio: 69 dB (ref. 3.0% THD, Dolby "on", CCIR weighted, metal tape)
Distortion: Less than 0.8% THD (ref. 160 nW/m at 400 Hz)
Record Head: Ferrite, 6 micron gap
Playback Head: Ferrite, 1 micron gap
Erase Head: Ferrite
Output Level: Adjustable to 0.7 volt max.
Size: 4 1/4 x 17 1/2 x 10 1/2" *TM Dolby Laboratories, Inc.

Realistic® SCT-32. Our finest cassette deck is loaded with "extra" features for versatility and top performance. Dolby noise reduction minimizes tape "hiss" and extends dynamic range. Separate record/play heads and two Dolby circuits let you monitor your tape — in Dolby — as you record! Has pause and auto record-mute system for silent "electronic" editing. The pause LED even flashes once per second for precise timing. Light-touch pushbuttons have recessed color-coded LEDs to show mode of operation. Full-logic system prevents tape jams — even when switching from fast wind to play. Auto-rewind switch selects automatic rewind and replay, or rewind and shutoff, at end of tape. All this plus auto-memory rewind and a switch for unattended recording with an external timer (not incl.); switchable MPX filter and more. U.L. listed.

14-624 399.95

Solenoid Operation, Dolby* NR
And Fast-Response
Peak-Hold Metering

NEW
FOR '81

299⁹⁵

- Tape Selector Plus Adjustable Bias Control for Perfect Results With Each Type of Cassette

- Logic System Lets You Switch From Play to Rewind or Fast-Forward Modes Instantly

Specifications

Frequency Response ± 3 dB: 30-19,000 Hz (metal), 30-17,000 Hz (CrO₂), 30-16,000 Hz (normal)
Wow and Flutter: Less than 0.07%
WRMS Signal-to-Noise Ratio: 67 dB (ref. 3.0% THD, Dolby "on", CCIR weighted, metal tape)
Distortion: Less than 1.1% THD (ref. 160 nW/m at 400 Hz)
Record/Play Head: Hard permalloy
Erase Head: Ferrite
Output Level: Adjustable to 0.7 volt max.
Size: 4 1/4 x 16 1/2 x 10"
*TM Dolby Laboratories, Inc.

Realistic SCT-23. Latest low-profile styling, Dolby noise reduction and error-proof operation! The SCT-23 uses reliable solenoids and a "logic" integrated circuit to control tape movement. No matter how you key the pushbutton controls, you can be sure of smooth and precise tape handling. Other features include a mike/line input selector with record-mute position for noise-free editing as you record; dual concentric record-level control with memory ring; big, bright level meter with peak-hold feature that displays highest levels for easy, accurate record-level setting; switchable MPX filter for widest response and "clean" recordings from FM stereo and lots more. U.L. listed.

14-623 299.95

Electronic Controls
With convenient
LEDs To show
operating modes

Peak-Hold Meters

12-segment fluorescent meters hold and display highest signal levels

Adjustable Bias Control

"Optimizes" high frequency response for any cassette — normal, chrome or metal

Available Oct. 30, 1981

Realistic Has Stereo Cassette Decks for Every Budget

Peak-Reading Fluorescent Level Meters, Dolby[®] NR, Great Price

219⁹⁵

- Three-Position Tape Selector — Use Normal, Chrome or Metal Cassettes
- Dolby Noise Reduction System Extends Dynamic Range, Minimizes Tape "Hiss"



Realistic SCT-22A. Features a smooth-operating transport with push-key controls and a DC capstan motor for low wow and flutter. Full Auto-Stop prevents tape damage. Has concentric record-level control with memory ring and easy-to-read 12-segment meters for accurate record-level setting; switchable MPX filter for widest response, or stereo FM recording; adjustable output control; LED indicators for Dolby and record modes; 3-digit counter. U.L. listed. 14-612 . . . **219.95**

Frequency Response: ± 3 dB: 30-19,000 Hz (metal), 30-14,000 Hz (CrO₂), 30-13,000 Hz (normal). Wow and Flutter: Less than 0.08% WRMS. Signal-to-Noise Ratio: 65 dB (ref. 3.0% THD, Dolby "on", CCIR weighted, metal tape). Distortion: Less than 1.3% THD (ref. 160 nW/m @ 400 Hz). Record/Play Head: Hard permalloy. Erase Head: Ferrite. Output Level: Adjustable to 0.5 volt max. Size: 5x15¹/₂x8". [®]TM Dolby Laboratories, Inc.

Our Lowest-Priced Deck With Dolby[®] NR, Metal Capability

149⁹⁵

- Two-Color, Fast-Response LED Meters For Easy Record-Level Setting
- Bias and EQ Selectors for Recording On Normal, Chrome or Metal Cassettes



Realistic SCT-24. A fine basic deck with features you wouldn't expect at such a low price! Dolby noise reduction extends dynamic range and dramatically lowers tape "hiss." Built-in MPX filter "cleans up" stereo FM signals, or can be defeated for widest response from other sources. Has push-key controls; soft-eject cassette door; 3-digit counter to help you find cassette selections; adjustable output level and mike-line input selector on rear panel. U.L. listed. 14-613 . . . **149.95**

Frequency Response: ± 3 dB: 30-14,000 Hz (metal); 30-12,000 Hz (CrO₂ and Normal). Wow and Flutter: Less than 0.15% WRMS. Signal-to-Noise Ratio: 64 dB (ref. 3.0% THD, Dolby "on", CCIR weighted, metal tape). Distortion: 1.3% THD (ref. 160 nW/m @ 400 Hz). Output: Adjustable to 0.5 volt max. External Connections: Headphones, two mike inputs, line-level in and out. Size: 4¹/₂x15¹/₂x9". [®]TM Dolby Laboratories, Inc.

Stereo Record/Play Cassette Deck With Auto-Level

NEW FOR '81 **79⁹⁵**

- Adds Cassette to Any Stereo With Tape Jacks
- Chrome/Normal Tape Selector

Realistic SCT-25. Compact and easy to use. Has Auto-Level for perfect recordings from any stereo source, or "live" — just add mikes. Pause, tape counter, Auto-Stop. Simulated walnut finish, 3¹/₂x5⁷/₈x9". U.L. listed.

14-616 . . . **79.95**

Add Stereo Cassette Playback to Your Music System

NEW FOR '81 **49⁹⁵**

- Adjustable Output Level
- End-of-Tape Auto-Stop to Prevent Damage to Tapes

Realistic SCP-3. Low-cost way to add cassette listening to systems with aux or tape jacks. Features push-key controls. Plays all cassettes — even metal! Simulated walnut case, 3¹/₂x5⁷/₈x9". U.L. listed.

14-617 . . . **49.95**



Available Oct. 30, 1981

ALL REALISTIC[®] TAPE DECKS INCLUDE PATCHCORDS FOR QUICK, EASY HOOKUP

www.RadioShackCatalogs.com

AM/FM Stereo Cassette Recorders Give You Music to Go



**Our Best Portable! Features
Dolby* NR and Metal Capability**

**NEW
FOR '81**

259⁹⁵

- 2-Way Speaker Systems Deliver Great Sound
- Full-Feature Deck With Cue/Review and Pause
- 10 LEDs Indicate Record Level, Signal Strength and Battery Condition

Realistic SCR-6. A great portable with features usually found only in home music systems! Make recordings from the AM/FM stereo tuner, or "live" with the built-in electret condenser mikes. Variable monitor permits listening at any desired volume while recording. Switchable Auto-Level — choose "Auto" position for recording voice, or control manually for best dynamic range with music. Loudness switch provides enhanced sound at low listening levels. Full Auto-Stop saves batteries and tapes. Four-way meter selector for record level, battery condition, signal strength or off. LED stereo and Dolby indicators. Three-digit tape counter. Soft-damped cassette door. Switchable aux input for adding a ceramic-cartridge changer or second tape deck. Jacks for external mikes, external speakers, headphone. 10 $\frac{1}{2}$ x18x4 $\frac{1}{4}$ " U.L. listed AC operation, 8 "D" batteries (not incl.) or optional DC cord. 14-776 259.95

*TM Dolby Laboratories, Inc.

Available Oct. 30, 1981

- Separate Bass and Treble Controls
- Dolby NR System Extends Dynamic Range
- Tape Selector for Normal, Chrome, Metal

**All This In
A Portable!**

**Exciting Stereo With "Home Hi-Fi"
Sound and Auto-Search Function**

219⁹⁵

**Built-In Electret Mikes and
2-Way Speaker Systems With
Separate Woofers and Tweeters**

Automatic Search Music System

Find your favorite selection fast! ASMS senses the "silence" between selections during fast forward and rewind. You can advance the tape to the start of the next selection — or replay a selection — with the touch of one button!

Realistic SCR-3. Play prerecorded cassettes, tune AM, FM or FM stereo, and record tapes off-the-air or "live" using the two built-in electret mikes. Features pause and cue-review, plus full Auto-Stop and LED indicator for "search" mode. Selector for best results with normal or CrO₂ tape. Monitor switch lets you listen while recording. LED meter shows output power, record level, battery condition. Jacks for external remote mikes, speakers, headphones. 10 $\frac{1}{2}$ x17 $\frac{1}{2}$ x5" U.L. listed AC operation, 8 "D" batteries (not incl.) or optional DC cord. 14-772 219.95



FOR CAR/BOAT USE, SEE PAGE 42 FOR OUR COMPLETE SELECTION OF DC ADAPTERS

Complete 'Take-Along' AM/FM Stereo Cassette Systems

Great Sound, Great Styling in an AM/FM Stereo Cassette System

NEW
FOR '82

- 2-Way Speakers With Woofer and Piezo-Type Tweeter for Better Sound
- "Stereo-Wide" Gives Greater Realism

179⁹⁵

Available Oct. 30, 1981

Realistic SCR-5. Enjoy your favorite music "on-the-go" from radio or tapes — record your own tapes from AM, FM or FM stereo, or "live" with the built-in electret condenser mikes. Variable monitor system lets you listen at any volume while recording. Quick fast-forward and rewind, plus a 3-digit tape counter helps you locate selections easily. Five-LED meter displays record level, signal strength or battery condition. "Stereo-Wide" delivers enhanced stereo image. Loudness switch and tone control let you adjust for desired sound, six function keys including pause. End-of-tape Auto-Stop in both record and play modes. Jacks for external remote mikes, external speakers and headphone. Smart-looking silver cabinet. 9 $\frac{1}{2}$ "x16 $\frac{1}{2}$ "x4 $\frac{1}{4}$ " U.L. listed AC operation, 6 "D" batteries (not incl.) or optional DC cord. 14-775

179.95



Slim Styling and Great Features Make This the Perfect Music Center for You

159⁹⁵

- LED Indicators for Signal Strength, Record Level and Battery Condition
- Auto-Level Helps You Make Perfect Recordings

Realistic SCR-4. Compact AM/FM Stereo Cassette recorder for active people! Two built-in electret mikes, end-of-tape Auto-Stop, special "sleep" switch, pause control and tape counter. "Stereo-Wide" provides exciting sound and greater stereo depth. A 2-level speaker monitor lets you listen as you record off-the-air. Has jacks for external, remote control mikes, external speakers and headphone. 7x14 $\frac{1}{2}$ "x2 $\frac{1}{4}$ " U.L. listed AC operation, 6 "C" batteries (not incl.) or optional DC adapter. 14-774

159.95



Affordably Priced, Yet Has the Features You Need for AM/FM Stereo Cassette Listening

- Twin Speakers Deliver Wide Response
- Built-In Tuning/Record Level/Battery Meter
- Auto-Stop Saves Batteries and Tapes

139⁹⁵

Realistic SCR-2. Versatile music center lets you listen to prerecorded tapes, AM, FM or FM stereo. Record your own tapes live with the built-in electret mikes or right off the air. No need to adjust recording levels — Auto-Level does it for you. "Stereo-Wide" expands stereo image for added realism. Has tone and balance controls, and slide switches for on/off, band selector, high/low speaker monitor volume, and "Stereo-Wide" LED FM stereo indicator. Jacks for headphone, external speakers, and remote mikes. 9 $\frac{1}{2}$ "x14 $\frac{1}{2}$ "x10 $\frac{1}{4}$ " U.L. listed AC operation, 6 "D" batteries (not incl.) or optional DC adapter. 14-805

139.95



3-WAY POWER; ALL RECORDERS ON THESE TWO PAGES OPERATE ON AC, BATTERIES OR EXTERNAL DC

Triple-Play® Portable AM/FM Cassette Recorders



"King-Size" With 2-Way Speaker System

99⁹⁵

- Record Your Own Cassettes Directly from Radio or "Live"
- Separate Woofer and Tweeter For Wide-Range Sound

Realistic CTR-54. Our best mono AM/FM cassette portable is big on features and sound — and very easy to use! Built-in electret condenser mike for "live" recording is sensitive and provides wide frequency response. You get perfect-volume tapes without adjustments because Auto-Level sets recording level for you. A speaker monitor switch lets you listen to radio as you record. Has 3-digit counter to help find tape selections, end-of-tape Auto-Stop in play and record modes to conserve batteries and prevent tape damage, tone control, 3-way tuning-record-level battery check meter, jacks for remote control mike, aux input for recording from external sources, and earphone (included). 9¹/₂"x14"x3¹/₂" U.L. listed AC operation or 6 "D" batteries (not incl.) or optional DC adapter. (See adapter table below.) 14-816 99.95

All of The Most-Wanted Features!

Hi-Style Ultra-Compact Radio/Cassette



NEW LOW PRICE!

79⁹⁵

\$84.95
In 1981
Catalog

- Tuning Battery Condition Meter
- Built-In Electret Condenser Mike

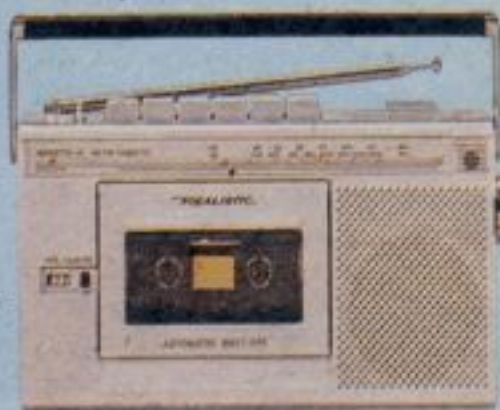
Available Oct. 30, 1981

Realistic CTR-50A. Enjoy AM, FM or your favorite music on tape wherever you go! Has Auto-Level, Auto-Stop and pause control to make recording easy, speaker monitor, tone control, tape counter, jacks for remote control mike, aux input and earphone (included). 8¹/₂"x11¹/₂"x3¹/₂" U.L. listed AC operation or 4 "D" batteries (not incl.) or optional DC adapter. 14-810 79.95

89⁹⁵

NEW FOR '81

- Pause
- Cue/Review
- Tape Counter
- Built-In Electret Condenser Mike
- AFC for Drift-Free FM



Realistic Miniset®-10. Feature-packed! Cue/Review lets you hear tape in rewind/fast-forward — makes it easy to find the section you want. Variable monitor lets you listen at any volume while recording. LED battery/record indicator, Auto-Level, Auto-Stop works with "sleep" switch to turn off radio automatically. 5x9¹/₂"x2¹/₂" With earphone. Requires 6 "AA" batteries or optional AC or DC adapter. 14-1000 89.95

Low-Cost Portable AM/FM Cassette Recorder

AC and DC Adapters Save Batteries!



69⁹⁵

- Auto-Stop
- Auto-Level
- Electret Mike

Realistic CTR-46A. Records from radio or "live." Has LED record indicator, tone control, speaker monitor, jacks for remote mike, earphone, aux. 7¹/₂"x10¹/₂"x3¹/₂" U.L. listed AC operation or 4 "C" batteries (not incl.) or optional DC adapter. 14-839 69.95

Operate recorders from 12VDC car/bat power or house current. All are U.L. listed except 270-15611

Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter	Recorder Cat. No.	Uses AC Adapter	Uses DC Adapter
14-818	A	D	14-815	B	None
14-772	*	E	14-816	*	D
14-774	*	D	14-817	B	None
14-775	*	E	14-839	*	D
14-776	*	E	14-841	*	D
14-802	A	D	14-845	A	D
14-805	*	F	14-905	*	E
14-806	*	D	14-1000	C	D
14-810	*	D	14-1005	A	E
14-812	A	D	14-1006	*	E
14-813	*	D	14-1011	A	E

Adapter	A	B	C	D	E	F
Cat. No.	273-1454	273-1435	273-1455	14-844	270-1534	270-15611
Price	5.95	4.95	6.95	6.95	4.99	8.95

* Not required, AC power supply built in.

Realistic® Compact "On-the-Go" Cassette Recorders

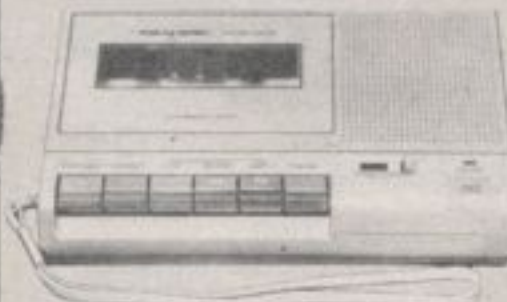
Personal Sized Portable



69⁹⁵ • Built-In Electret Mike
• Auto-Level • Auto-Stop
• Tape Counter • Pause

Realistic CTR-48. Don't let the small size fool you! 3-digit tape counter helps you find selections quickly. Has pause control for easy editing as you record. LED battery record indicator, jacks for remote control mike, earphone. 4 1/4 x 6 3/4 x 2". Includes earphone and vinyl carry case. Requires 4 "AA" batteries or AC/DC adapters. 14-802 69.95

High-Style, Ultra-Slim With Cue/Review



79⁹⁵ • Variable Tone Control
• Auto-Stop • Auto-Level

Realistic Minisetete-9. No larger than a small book — yet loaded with great features! Has sensitive electret mike, Cue/Review that lets you hear tape in fast-forward/rewind modes, tape counter. Pause control for easy editing. LED record/battery indicator, jacks for remote control mike and earphone. 1 1/2 x 7 3/4 x 4 1/4". Requires 4 "AA" batteries or AC/DC adapters. 14-812 79.95

Feature-Packed Desktop



69⁹⁵ • Cue/Review
• Switchable Auto-Level
• Record-Level/Battery Condition Meter

Realistic CTR-51. Low-profile design. Select either auto or manual record level for best voice or music tapes. Has pause, end-of-tape Auto-Stop, built-in electret mike, tone control, tape counter, jacks for remote control mike, aux input, earphone. 2 1/4 x 10 x 6 3/8". U.L. listed AC operation or 4 "C" batteries (not incl.) or optional DC adapter. 14-813 69.95

Take-Anywhere Portables With Built-In Mikes

Deluxe With Cue/Review

59⁹⁵ • Mike/Aux Input Mixing
• Auto-Level • Auto-Stop

Realistic CTR-41. Tape from aux and external or built-in mike at the same time! Tape counter, hi/low tone switch, earphone-ext. speaker jack. 2 3/4 x 5 1/2 x 10 1/4". U.L. listed AC operation or 4 "C" batteries (not incl.) or optional DC adapter. 14-841 59.95

With Counter and Tone Control

49⁹⁵ NEW FOR '82
Auto-Stop • Auto-Level

Realistic CTR-37. Counter helps find any section of the tape quickly. Has LED battery/record indicator, jacks for remote mike, aux input, earphone. 2 3/4 x 5 1/2 x 10 1/4". U.L. listed AC operation or 4 "C" batteries (not incl.) or optional DC adapter. 14-806 49.95

Lowest Priced Slim-Line

NEW FOR '82 **29⁹⁵**

• Great Value for Students
• Compact Low-Profile Styling

Realistic CTR-55. Features Auto-Level, Auto-Stop, jacks for remote control mike, earphone, aux input. Rugged case, 2 x 5 1/4 x 10 1/2". Requires 4 "C" batteries or AC/DC adapters. 14-1005 29.95

AC/Battery Slim-Line

39⁹⁵ NEW FOR '82 Available Oct. 30, 1981

• 3-Way Power • Popular Price
• Auto-Level • Auto-Stop

Realistic CTR-56. Compact low-profile styling — take it along! Jacks for remote control mike, aux input, earphone. 2 x 5 1/4 x 10 1/2". U.L. listed AC operation or 4 "C" batteries (not incl.) or optional DC adapter. 14-1006 39.95

FOR FINEST RECORDING RESULTS, USE RADIO SHACK'S OWN CASSETTE TAPE

www.RadioShackCatalogs.com

Low-Cost Tape Accessories for High-Quality Recording

Magnetic Bulk Tape Eraser



Also Erases
Computer
Floppy Disks

15⁹⁵

NEW
FOR '81

Quickly and completely erases cassette, 8-track and open-reel tapes! Reduces noise levels below recorder's own erase head level. On-off switch. (Not for metal tapes.) U.L. listed AC operation. 44-232 15.95

Electronic Cassette Demagnetizer



- Demagnetizes in One Second
- Cordless — Requires No AC

21⁹⁵

Prevents loss of high frequency response! Loads just like an ordinary cassette. Ideal for "slot load" and hard-to-reach auto cassette players. Completely automatic, with LED indicator. Includes long-life batteries for up to 500 applications. 44-1165 21.95

Electric Cassette Tape Winder

Automatic
End-of-Tape
Shut-Off

10⁹⁵



Rewind one cassette while you listen to another! Great for continuous recording sessions—no bother of stopping to rewind tapes. Fits in most carry cases and stores like a cassette. Typical rewind times for a C-60, less than 45 seconds; C-90, less than 60 seconds. Requires 3 "AA" batteries. 44-209 10.95

Illuminated Tape Head Demagnetizer



13⁹⁵

- Lighted Tip Helps You See
- For All Cassette, 8-Track And Open-Reel Equipment

Restores high frequency response, reduces hiss and prevents tape damage that can be caused by magnetized heads. Lighted 3 1/2" long probe makes it easy to use in hard-to-see areas. 1x9x2" overall. U.L. listed AC operation. 44-207 13.95

Universal Demagnetizer

9⁹⁵

For All
Tape Players



Reduces "hiss," improves signal-to-noise ratio on cassette, 8-track and open-reel equipment. Two interchangeable tips can be bent to any angle. U.L. listed AC operation. 44-211 9.95

Budget Demagnetizer

6⁹⁵

For Cassette
Or Open-Reel



Pencil-shaped head demagnetizer works on cassette and open-reel recorders. Reduces hiss and helps maintain high frequency response. U.L. listed AC operation. 44-215 6.95

Tape Splicers Make Editing and Repairs Easy



NEW
FOR '81

3⁹⁹

6⁴⁹ 1⁹⁹

- A Open-Reel Cassette Editing Block.** Anodized aluminum splicer has 90° and 45° cutting guides. Includes cutting blade, mounting strip, instructions. 44-224 3.99
- B Cassette Splicer.** Chromed cut/trim lever cuts diagonally, trims excess tape. Includes roll of splicing tape. 44-214 6.49
- C Universal Dual-Track Splicer.** For cassette, 8-track and open-reel tapes. Includes razor blade, instructions. 44-216 1.99

Micro/Mini Cassette Tape Eraser

5⁹⁵

Cordless—
No Power
Required



For All Mini & Micro Cassettes

Quickly erases "sensitive" material or previous recordings on both sides of tape. Ideal for home or office. No power or batteries required. 44-230 5.95

Cassette Hand-Winder

NEW
FOR '81

4⁶⁹



Rewind cassette tapes by hand. Saves your portable's batteries. Winds a C-90 cassette in just 60 seconds—faster than most recorders do! 44-223 4.69

Heavy-Duty Carry Strap

For Portable Radios
And Tape Players

5⁹⁵



Durable nylon web strap. Fully adjustable, with sturdy metal clasps. 44-690 5.95

Car/Boat Adapter

Saves Batteries

6⁹⁵



Powers 6 or 9V portables from cigarette lighter socket of any 12VDC neg. grd. vehicle. 14-844 6.95

Phone Pickup Coil

Easy to
Use

1⁹⁹



For high-quality recordings of phone calls. Suction cup fastens on phone. With cord, 1/8" mini-plug. 44-533 1.99

Remote On/Off Switches

3⁶⁹ 2⁹⁹

New low
price

Was 3.99 In Cal. #328



- A Foot Switch.** With sub-mini plug; fits into remote control jack of recorder. 44-610 3.69
- B Hand Switch.** 44-777 2.99

All You Need for Tape Equipment Care and Cleaning

Complete Cleaning Kit For Video Recorders



NEW FOR '93
9⁹⁵

- Removes Tape Oxide Deposits
- Cleans Heads, Rollers, Capstan

All VCR's require periodic maintenance to insure top performance in recording and playback. Includes four reusable head cleaning tools with chamois tips, bristle brush, mirrored probe, recorder cleaning cloth, 1/2-oz. bottle of Freon TF[®] cleaner, instructions. Stores like a video tape. 44-1172 9.95

TM E.I. du Pont de Nemours & Co. (Inc.)

Tape Head Cleaning Kit



5⁹⁵

Stores Easily in Cassette-Size Case

Get great recording and playback every time! Includes: brush, inspection mirror, cleaning tool and pads, cleaning fluid. For cassette and open-reel equipment. 44-222 5.95

Cassette Demagnetizer and Head Cleaner

Helps Prevent "Jams," Reduces Hiss And Noise **5⁹⁵**



Insert for 60 seconds after every 8 to 10 hours of equipment operation to prevent loss of "highs" and keep tape path clean. For all players, recorders. Cordless. 44-631 5.95

Professional-Quality Head Cleaning Kit



3¹⁹

For All Types of Tape Equipment

Includes one 6-dram bottle of special Freon TF[®] solvent and six reusable lintless foam swabs for cleaning both video and audio recording heads. 44-1170 3.19

TM E.I. du Pont de Nemours & Co. (Inc.)

8-Track Demagnetizer/Head Cleaner

Restores Volume And Improves S/N Ratio **6⁹⁵**



Demagnetizes as it removes oxide deposits. Reduces hiss, prevents treble loss and helps prevent jamming. Ideal for 8-track players and recorders in home or car. Cordless. 44-630 6.95

Cassette Tape Repair Kits

All You Need for a Complete Tape Overhaul

- A** Deluxe. Detailed 32-page manual, housing, splice block, razor blade, mylar splice tabs, screws, adhesive labels. 44-629 4.99
- B** Replace your damaged or worn out housing with a new one. Has 24" leader tape, instructions. 44-626 1.19



Cassette Doubleheader



2⁵⁹

Restores fidelity, extends tape life by removing oxide deposits from heads, capstan. 44-1162 2.59

8-Track Doubleheader

Easy-to-Use **2⁸⁹**



Insert each end of cartridge for 10 seconds to fully clean heads and capstans. 44-208 2.89

Cassette Index Cards

Pkg. of 20 **1¹⁹**

Replace old cards—room to list newly recorded selections. Fit standard tape boxes. 44-623 Pkg. 20/1.19

Cassette Index Labels



99c

Self-adhesive. Six each of red, blue, yellow and green. 44-621 Pkg. 24/99c

Cassette Storage Boxes

3-Pack **1¹⁹**

Protects your tapes. Ideal for cassettes without boxes. 44-611 Pkg. 3/1.19

Plastic Cassette Mailers

3-Pack **79c**

Mail cassette "letters." Meets 1st Class Postal Regulation PSM 352.2. With labels. 44-608 Pkg. 3/79c

Economy Cassette Mailing Boxes

6-Pack **79c**

Heavy-duty cardboard. Meets 1st class postal regulations. With mailing labels. 44-632 Pkg. 6/79c

8-Track Head Cleaner

1⁹⁹ "Play" for 10 seconds. Removes dirt to restore volume. Cordless. 44-1161 1.99



Cassette Head Cleaner

1⁷⁹ Low-cost, non-abrasive cleaner prevents oxide build-up. 44-1160 1.79



Recorder Cleaner Kit

1⁵⁹ 1 1/2-oz. bottles of cleaner and lubricant. 10 swabs. 44-217 1.59



Head Cleaning Sticks

1²⁹ Pkg. of 100 6" cotton-tipped wood sticks for hard-to-reach places. 44-1093 Pkg. 100/1.29



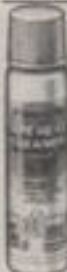
Cleaning Cloths

1⁴⁹ Pkg. of 4 Chemically treated to gently clean tapes, equipment, dust covers. 44-1088 Pkg. 4/1.49



Head Cleaner Spray

2¹⁹ 3 oz. "Sprays Away Grime" Handy extension nozzle reaches hard-to-get spots. 44-1011 2.19



Tape Solvent

1⁹⁹ 2 oz. Freon TF[®] dissolves dirt, oxide. For audio or video use. 44-1171 1.99 TM E.I. du Pont de Nemours & Co. (Inc.)



"Non-Slip" Solvent

99c For idler wheels, belts, cords. Fast drying. 2 oz. 44-1013 99c



Tape Head Cleaner

99c Cleans heads, guides, rollers, all metal parts. 2 oz. 44-1010 99c



Head Cleaner/Lubricant

99c Minimizes wear, removes oxide deposits. Ideal for recorders, players. 44-1009 99c



Shop The Shack® for a Full Range of Open-Reel Tape



SUPERTAPE® Premium Quality Recording Tape

Low As **3⁷⁹** 5" Reel • Super-Calendered for a Mirror-Like Surface
 • Wide Dynamic Range—Captures All the Music

Made in the USA by Radio Shack, and formulated to bring out superb sound from any reel recorder, without special bias settings. Our carefully controlled calendaring process gives you a smoothness that minimizes tape and head wear. You get superior sensitivity and wide frequency response, too. Polyester base has high tensile strength to resist breaks and stretching, as well as deterioration due to age and humidity.

Supertape's Super Specs

Frequency Response:^{*}
 1 kHz 0 dB
 10 kHz +0.5 dB
 15 kHz +0.8 dB
 20 kHz +1.3 dB

Dynamic Range: 63.0 dB

Coercivity (Hc): 300 Oersted

Retentivity (Br): 1220 Gauss

*Reference Tape

3M-207

Reel Size	Feet	Mil	Base	Cat. No.	Each	
					1-9	10-499
5"	900	1.0	Standard	44-1872	3.79	2.99
7"	1200	1.5	Standard	44-1878	5.49	4.29
7"	1800	1.0	Standard	44-1877	5.99	4.69
7"	3600	0.5	Tensitized	44-1880	10.99	8.69

REALISTIC® Low-Cost, Low-Noise Recording Tape



Low As **1²⁹** 3" Reel

- Wide Frequency Response
- Long-Lasting Polyester Base

Realistic Low-Noise is a high-quality open-reel tape with uniform oxide coating for wide frequency response and excellent signal-to-noise ratio. Standard Polyester base resists temperature and humidity changes without getting brittle. Tensitized Polyester base has extra strength to prevent stretching.

Reel Size	Feet	Mil	Base	Cat. No.	Each			
					1-5	6-9	10-49	50-499
3"	225	1.0	Standard	44-734	1.29	1.15	1.09	.99
5"	900	1.0	Standard	44-753	2.69	2.39	2.19	1.99
5"	1200	0.5	Tensitized	44-752	3.79	3.39	3.19	2.79
7"	1800	1.0	Standard	44-754	4.99	4.49	4.19	3.69
7"	2400	0.5	Tensitized	44-758	5.99	5.39	4.99	4.39
7"	3600	0.5	Tensitized	44-766	7.79	6.99	6.49	5.69

Buy in Quantity For Big Savings!

Budget-Priced CONCERTape®



Only **2¹⁹** Ideal for Voice and All General-Purpose Recording

Heavy-duty Polyester base resists breaks and stretching. 1800 feet on a 7-in. reel for extra recording time at low cost. Includes storage box.

44-1018 2.19

Accessories for Your Reel-to-Reel Tapes and Recorder



7" Metal Reel

6⁹⁵ Professional Quality

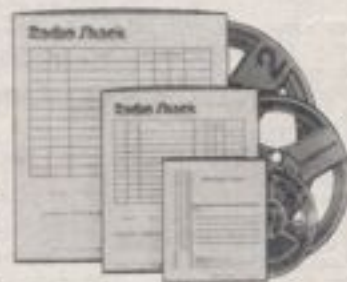
Improves the appearance and performance of any reel recorder! Won't crack, split or warp. Brushed, anodized aluminum. With storage box. 44-280 6.95

Tape Reels With Boxes

Durable plastic reels. Hinged box has index and timing chart.

Low As **39¢**

Reel	Cat. No.	Each	Reel	Cat. No.	Each
3"	44-273	.39	5"	44-278	.99
3 1/4"	44-1000	.49	7"	44-279	1.29



Splicing and Sensing Tapes

1⁹⁹ Sensing Tape. For recorders with contact or photo sensing systems. 7/32" x 100' 44-1155 1.99

79¢ Splicing Tape. For repair and editing. Polyester base resists age, heat, humidity. 100' roll.

Width	Cat. No.	Each
1/32"	44-1125	.79
3/16"	44-1126	.79
1/8"	44-1128	.79

Tape Reel Holders

1¹⁹ Pkg. of 2

Keeps reels seated and wobble-free. 44-1068 Pkg. of 2/1.19



Color-Coded Leader Tapes

Ideal for Editing **1⁴⁹** Pkg. of 2

Two 150' reels. 1/4" x 1.5-mil Polyester base. 44-1053 Pkg. 2/1.49



Radio Shack Cassettes — Great Sound, Great Value

SUPERTAPE METAL — State of the Art Recording Tape!



Low As **7⁹⁵**
C-60

Coercivity (Hc): 1100
Oersteds (Nom.)
Retentivity (Br): 3200
Gauss (Avg.)
Dynamic Range:
68 dB

Our finest! Coated with fine-grain metal particles — not oxide. Supertape METAL has improved magnetic properties to give you greater output at both high and low frequencies, and unbelievably low noise levels. This increased dynamic range lets you record solid bass and soaring, sparkling highs — for music reproduction that is virtually indistinguishable from open-reel! Supertape METAL has the sound you've always wanted from a cassette. For recording on metal-capable recorders. Plays on all cassette equipment. Precision 5-screw housing. With hinged storage box.

C-60, 44-960 7.95 C-90, 44-961 9.95

SUPERTAPE GOLD — Audiophile Quality, Popular Price



Low As **2⁶⁹**
C-45

Coercivity (Hc): 335
Oersteds (Nom.)
Retentivity (Br): 1500 Gauss
(Avg.)
Dynamic Range:
60.4 dB

Premium ferric tape for normal bias. Precision housing cuts wow and flutter. Has built-in non-abrasive head cleaning leader. With hinged storage box.

Type	Total Recording Time	Cat. No.	EACH			
			1-11	12-23	24-47	48-Up
C-45	45 minutes	44-920	2.69	2.39	2.15	1.79
C-60	60 minutes	44-921	2.99	2.59	2.39	1.99
C-90	90 minutes	44-922	3.99	3.59	3.19	2.69
C-120	120 minutes	44-923	4.99	4.49	3.99	3.29

SUPERTAPE CHROME — Improved Dynamic Range



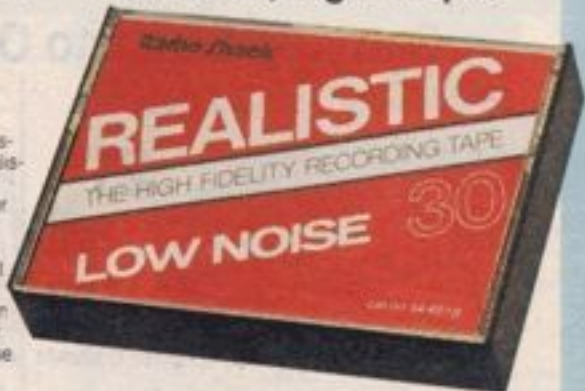
Low As **3⁹⁹**
C-60

Coercivity (Hc): 550
Oersteds (Nom.)
Retentivity (Br): 1800
Gauss (Avg.)
Dynamic Range:
64.1 dB

High-bias Chromium Dioxide formula captures loudest and softest passages, reduces noise. Greater high-frequency headroom preserves musical "detail". For recording on equipment with CrO₂ bias switch. Plays on all cassette equipment. Non-abrasive head cleaning leader. Hinged storage box.

Type	Total Recording Time	Cat. No.	EACH			
			1-11	12-23	24-47	48-Up
C-60	60 minutes	44-930	3.99	3.59	3.19	2.69
C-90	90 minutes	44-931	4.99	4.49	3.99	3.29

REALISTIC — Low-Noise, High-Output



Low As **1⁵⁹**
C-30

Our general-purpose cassettes — made with Realistic's exclusive High-Flux Density oxide formula for high output, wide frequency response, low noise and distortion — at moderate cost! Ideal for music or voice. Precision housing cuts wow/flutter. With hinged storage case.

Type	Total Recording Time	Cat. No.	EACH			
			1-11	12-23	24-47	48-Up
C-30	30 minutes	44-601	1.59	1.39	1.25	1.05
C-60	60 minutes	44-602	1.99	1.75	1.59	1.29
C-90	90 minutes	44-603	2.79	2.45	2.19	1.85
C-120	120 minutes	44-604	3.49	3.05	2.79	2.29

Mini-Cassettes

15 Minutes Each Side **2⁹⁹**



Mini-30. For nm-drive recorders such as Realistic Miniset-II, and others.

Total Record Time	Cat. No.	EACH	
		1-9	10-Up
30 minutes	44-633	2.99	2.49



Micro-Cassettes **3⁴⁹ Up to 60 Minutes Per Side**

Micro-60. For capstan-drive recorders such as our Micro-Miniset, and others.

Total Recording Time	Cat. No.	EACH	
		1-9	10-Up
2.4cm sec. 1.2cm sec.	44-640A	3.49	2.99
60 min. 120 min.			

CONCERTape — Quality Sound at Affordable Prices



The smart choice for general-purpose music or voice recordings! Use the shorter tapes for "voice letters". The longer cassettes are ideal for note-taking, language study, or making long-play tapes of your favorite music for home, car or portable players. All have heavy-duty Polyester base that resists age, humidity, breaks and stretching.

CONCERTape Cassette 3-Packs

Low As **1⁹⁹** Pkg. C-30 of 3



88¢ C-60 **1²⁵** C-90

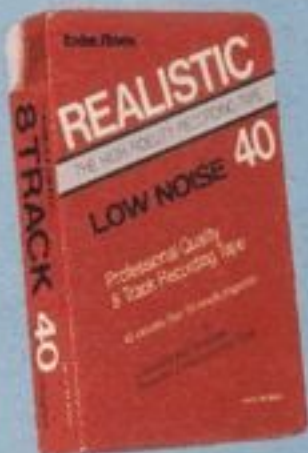
Type	Recording Time Each Cassette	Cat. No.	EACH 3-Pack	
			1-11	12-Up
C-30	30 minutes	44-606	1.99	1.75
C-60	60 minutes	44-607	2.59	2.25
C-90	90 minutes	44-613	3.59	3.15
C-120	120 minutes	44-614	4.99	4.39

Type	Recording Time Each Cassette	Cat. No.	EACH
C-60	60 minutes	44-605	.88
C-90	90 minutes	44-620	1.25

YOUR NEARBY RADIO SHACK STORE CAN OFFER EVEN BIGGER DISCOUNTS ON LARGE-QUANTITY ORDERS

Radio Shack is The Place for 8-Track Recording Tape

Low-Cost Realistic[®] Tape



Low As
1.99
40 Min.

*Our Own Special
Formula Oxide Coating
Captures More of the
Music With Less Noise*

Record your own cartridges from any source for a low-cost music library. Friction-reducing lubricant increases tape life for trouble-free recording and playback. Polyester base resists breaks, stretches, and the effects of age and humidity. A terrific value!

Stock Up at
Radio Shack's
Low "Quantity" Prices

Recording Time	Cat. No.	Each			
		1-11	12-24	25-49	50-Up
40 min	44-840	1.99	1.79	1.59	1.39
80 min	44-841	2.69	2.39	2.15	1.89

SUPERTAPE[®] Lab Standard Tape

- Special Fine-Grain Oxide for Superior Frequency Response
- Low Noise — Extended Dynamic Range

3.99
90 Min.

Record better sounding tapes than you can buy! High-output, low-noise formulation reduces "hiss." Back-coated with a special lubricant to help prevent "jams" for increased tape life. Tough tensilized Polyester base resists stretching and breaking.



Recording Time	Cat. No.	Each			
		1-11	12-24	25-49	50-Up
90 min	44-843	3.99	3.59	3.19	2.99

Manufactured
in the USA in
Radio Shack's
Own Factories

Carrying Cases to Organize and Protect Your Tape Library

36-Cassette Storage Cabinet



21.95

NEW FOR '92

Available
Sept. 30, 1991

Tapes not included **Three-Drawer Cabinet**

Neatly organizes cassettes for easy selection. The attractive walnut vinyl veneer finish cabinet complements most hi-fi components. 4 1/2" x 15 1/2" x 12 1/2" **44-669** **21.95**

Deluxe 60-Cassette Carrying Case



NEW FOR '92 **15.95**

Unique
Double-Sided
Design Holds
60 Cassettes

Tapes not included

Take all your tapes with you wherever you go! Opens from either side for quick access. Durable grained-vinyl covering with snap-latch. 14 1/2" x 9 1/2" x 6 1/2" **44-679** **15.95**

40-Cassette/8-Track Storage Center



13.95

Tapes not included

Store and organize up to 40 cassettes or 8-tracks. Fits on wall or shelf. 10 1/2" x 19 x 4" **44-668** **13.95**

Cassette Storage Albums

Low As
3.69



Tapes not included

Holds 12 cassettes. 10 1/2" x 9 1/2" x 1 1/4" **44-612** **3.69**
24-Cassette Album. 10 1/2" x 9 1/2" x 2 1/4" **44-609** **6.99**

Cassette Carrying Cases for Home or Auto



Low As
5.99

A Scuff-resistant padded vinyl construction. **12-Cassette**. 3 1/2" x 10 1/2" x 6 1/2" **44-657** **5.99**
24-Cassette. 3 1/2" x 15 x 9" **44-658** **8.99**
B 10-cassette case. Padded vinyl. 9 1/2" x 5 1/2" x 3 1/2" **44-659** **5.95**



Tapes not included

15.95

C 24-cassette deluxe attache case. 14 1/2" x 7 1/2" x 4 1/2" **44-663** **15.95**

Auto Cassette Case



Tapes not included

Holds six cassettes. Fits under seat or in glove box. 9 1/2" x 4 1/2" x 1 1/2" **44-676** **4.79**

Cassette Carry Pouch



NEW FOR '92 **2.49**

Tapes not included

Attaches to belt or shoulder strap of portable player. Holds up to 3 tapes. **44-691** **2.49**

Low-Cost Storage Case



Tapes not included

Smoke-tinted cover protects tapes — lifts off for easy access. 3 1/2" x 12 1/2" x 4 1/2" **44-685** **3.49**

Stackable Cassette Carrousel



Holds Up to
32 Tapes
9.95

Tapes not included

Accepts tapes with or without outer box. 5 1/2" x 6 1/2" x 6 1/2" **44-673** **9.95**

8-Track Carry Case



9.95
Holds
24 Tapes

Tapes not included

Rugged vinyl exterior with cushioned velour interior. 6 x 17 x 7 1/2" **44-660** **9.95**

Radio Shack Electronic Products for Easy Living

Stereo Disco Mixer Adds Life to Any Party



79⁹⁵

*"Cue" Function Allows Direct Monitoring
Of Turntable and Tape Inputs*

Lets you mix or "segue" two turntables, a tape deck and a stereo mike just like disco and radio station DJs. Five slide-action faders and dual VU meters for precise level control. Magnetic or ceramic phono inputs, tape in and out, headphone cue monitor jack. Frequency response: 20-20,000 Hz. 2 $\frac{1}{4}$ "x10 $\frac{1}{2}$ "x7 $\frac{1}{2}$ ". Requires 4 "AA" batteries or AC adapter. 32-1100 79.95
AC Adapter, U.L. listed. 273-1454 5.95

Battery Powered Intercom System

14⁹⁵
Pair

*For Desktop or
Wall Mounting*



This 2-station system is ideal for campers, motorhomes and large boats. Remote can signal Master when system is "off." 1 $\frac{1}{2}$ "x3 $\frac{1}{2}$ "x4 $\frac{1}{8}$ ". With 66' cable. Requires 9V battery. 43-221 14.95

4-Station, Battery-Powered Intercom

*Save Time and Steps With
The Push of a Button*

Set of 4 **24⁹⁵**



An inexpensive "whole house" system. Selector knob on master chooses remote #1, #2, #3 or standby—no other station can listen in. Press the Talk-Bar on any remote to signal master. Master, 1 $\frac{1}{2}$ "x4 $\frac{1}{8}$ "x4 $\frac{1}{8}$ ". Remotes, 1 $\frac{1}{2}$ "x3x4 $\frac{1}{8}$ ". With three 66' cables. Requires 9V battery or AC adapter. 43-216 24.95
AC Adapter, U.L. listed. 270-1551 9.95

Miniature FM Wireless Microphone

34⁹⁵ • Weighs Less Than One Ounce
• Transmits to Any FM Radio



Actual Size!

A high-quality mike that's great for use in theatrical productions as a hidden mike, for public speakers and entertainers who want unrestricted movement or just for fun. Transmits up to 250 feet outdoors and up to 100 feet indoors. Tunable between 88-108 MHz. Built-in tie clip. On-off switch. 1 $\frac{1}{2}$ "x $\frac{1}{2}$ "x $\frac{1}{2}$ ". With tuning tool, long-life battery, instructions. FCC Type Accepted. 33-1075 34.95



*Great for
Lectures,
Stage and
Parties!*



Hand-Held PA Megaphone

39⁹⁵



Powerhorn[®]. A completely portable PA system ideal for sporting events, picnics, rallies. Directs your voice where you want it for maximum intelligibility up to 300 feet away. Pistol grip handle with convenient trigger-type on/off switch and thumbwheel volume control. Durable molded housing. Requires 8 "AA" batteries. 32-2025 39.95

GET IT "ON CREDIT" AT RADIO SHACK—AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST STORES

Low-Cost Realistic® Microphones to Suit Any Need



Electret Tie-Clip Microphones For "Hands-Free" Recording/PA



Ultra-Mini Size With Clip & Pin

A Omnidirectional. 20-12,000 Hz response, 600 ohms. 10' cord, 1/4" plug. Includes battery, mini-plug adapter. 33-1056 19.95

Low-Cost Tie-Clip Microphone

B Fastens to tie or lapel. 30-12,000 Hz response, 600 ohms. 6' cord with 1/4" mini-plug. Includes battery. 33-1058 9.95

Ultra-Slim Pencil Mike Clips to Your Pocket

NEW FOR '92

24.95



Ideal for Lecturers — Can Be Hand Held or Clipped To Outside of Pocket for Easy, Hands-Free Use

Lightweight omnidirectional electret mike offers extra convenience. 600 ohms, 20-16,000 Hz response. 10' cord with 1/4" phone plug, 1/4" mini-plug adapter to fit most cassette recorders. Includes battery, clip-on stand. 33-1061 24.95

For Hand, Stand or Lavalier

Ideal for Use With Tape Recorders



15.95

Realistic MC-1000. Slim omnidirectional dynamic mike is great for many uses. 150-10,000 Hz response. High (10,000 ohms) impedance. With 6' cable, 1/4" phone plug, neck cord, desk stand. 33-990 15.95

Featherweight Omni Mike

Includes Windscreen and Adjustable Stand



17.95

Weighs only 2.8 oz.! Electret element provides excellent sound with music, maximum clarity for speech. 20-13,000 Hz. 600 ohms. On/off switch. 9' cable, 1/4" plug. Includes battery. 33-1050 17.95

High-Quality, General Use

- Wire-Mesh Windscreen
- Internal Filter Design Reduces "Breath Pops"



21.95

Realistic Highball-2. All-purpose omni has 50-11,000 Hz response. 600 ohms. Chrome die-cast housing, steel mesh grille. On/off switch. 6' cable, 1/4" phone plug, slip-on stand adapter. 33-985B 21.95

Replacement Mikes With Remote Control for Portable Recorders

Electret Condenser Omni



For Better Recordings

12.95

Has mini-plug for audio, submini plug for remote on/off control. 20-13,000 Hz. With stand, windscreen, battery. 33-1060 12.95

Dynamic Omni Mike



12.95

Mini-plug for mike, submini for on/off. 100-11,000 Hz response. Low impedance. With 6 1/2' cord and desk stand. 33-1040 12.95

Pencil-Type Dynamic Handy On/Off Switch



6.99

Easy to handle. 150-10,000 Hz response. Mini-plug for mike, submini plug for remote control jack on recorders. Desk stand. 33-1034 6.99

Low-Cost Dynamic Mike



4.99

Replaces Lost Cassette Mikes
A dynamic mike at the price of a crystal mike. Wide response. Mini-plug for mike, submini for remote control. Slip-on stand. 33-1054 4.99

Radio Shack® Has Microphones for Home, Stage, Studio

Realistic® One-Point Stereo Microphones Simplify Recording — Both Mikes in One Housing — Use One Stand for Easy Positioning

59⁹⁵



39⁹⁵

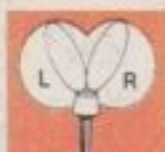


NEW FOR '82

19⁹⁵



Use Horizontally on Stand.
Hang Vertically from Overhead



Expandable
Pickup Pattern



Two Adjustable
Mike Heads

"Studio Quality" Stereo Mike

Our finest stereo mike features a unique "back-electret" condenser design. Each element uses a superthin (4-micron) diaphragm for excellent transient response. Both can be rotated for proper position in any set-up. Wide 20-20,000 Hz response, ± 5 dB. Special matrix circuit maintains optimum channel separation. Low frequency contour switch for hand-held and "close-up" use. With vinyl case, 16' cable, two $\frac{1}{4}$ " plugs, stand adapter. Requires "AA" battery. 33-1085 59.95

Versatile Dual-Pattern Stereo Mike

Two sensitive electret condenser mikes and special matrix circuit let you select "normal" or "wide" to enhance stereo image with larger groups. 30-15,000 Hz response. On/off switch. Wire mesh windscreen cuts wind noise and protects elements. 10' cord with two $\frac{1}{4}$ " phone plugs. With vinyl case and stand adapter. Requires "AA" battery. 33-919 39.95

Dual-Head Mike for Stereo Recorders

Two heads are better than one for recording conferences or music. Each electret condenser head adjusts up to 90° for better stereo separation. Built-in table-top stand. 6 $\frac{1}{2}$ ' cord has two $\frac{1}{4}$ " mini-plugs for use with most portable stereo cassette recorders. 50-15,000 Hz response. Includes two foam windscreens. Requires "AA" battery. 33-1065 19.95

Professional Mikes for Recording and Sound Reinforcement

Pattern Choice



Cardioid Omni

Cardioid or Uni- Directional pickup pattern reduces background noise and feedback.

Omnidirectional: Wide pickup pattern, better response from all directions.

XLR-Type Connectors



2-Way Use! $\frac{1}{4}$ " plug, or 3-cond. balanced low-Z output option. (33-1080, 33-984, 33-1070).



Dual-impedance with quick-change reversible connector (33-992).

Cardioid Electret Condenser Mike

Ideal for critical recordings! Low-frequency contour switch helps control "proximity effect" for vocals and close-up use. 20-20,000 Hz ± 4 dB response with superthin 4-micron diaphragm using a "back-electret" design. Balanced lo-Z output with XLR-type connector. Foam windscreen. 16' cable with $\frac{1}{4}$ " plug, vinyl case, stand adapter. Requires "AA" battery. 33-1080 49.95

Unidirectional Dynamic Mike

Realistic Highball. Great for PA and hand-held vocal use. 80-15,000 Hz response. On/off switch. High (10k) and low (600 ohm) impedances and balanced low-Z capability using XLR-type connector. 16' cable with $\frac{1}{4}$ " plug, vinyl case and stand adapter. 33-984 49.95

Super Omni Dynamic Mike

Wide 40-17,000 Hz ± 3 dB response mike is perfect for music recordings or hand-held vocals. Rugged all-metal body with built-in windscreen. Rubber shock ring. XLR-type connector, low impedance (500 ohms) (balanced or unbalanced). 16.4' cable with $\frac{1}{4}$ " phone plug. Includes carry case and stand adapter. 33-1070 39.95

Super Cardioid Dynamic Mike

Tight directional pattern helps suppress feedback, built-in windscreen prevents "pops" and wind noise. Dual 600 or 50,000 ohms impedance. 80-12,000 Hz response. Includes 6' cable with $\frac{1}{4}$ " phone plug, screw-on connector, stand adapter. Good choice for use with high quality sound systems and recorders. 33-992 29.95



49⁹⁵

49⁹⁵

39⁹⁵

NEW FOR '82

Available Nov. 30, 1981

29⁹⁵

REALISTIC — THE TRULY INTERNATIONAL BRAND SOLD IN 53 COUNTRIES WORLDWIDE

www.RadioShackCatalogs.com

Realistic® Multi-Purpose Powerhorns and Speakers

Omnidirectional Indoor/Outdoor Speaker System



- Dual-Port Design For Great Bass Response
- Ideal for Most Outdoor Uses
- 8" Full-Range Driver With Whizzer Cone for Extended Highs

NEW FOR '80

69⁹⁵



Equally Clear Sound From Any Listening Angle



Weather-Resistant Polypropylene Enclosure

Realistic® MC900. Innovative approach to outdoor listening, and great for inside use also! Wide-range sound radiates 360°, eliminating speaker-positioning problems. Attaches quickly and easily to amplifier or receiver. 17.5" high, 13" diameter. Power handling capacity: 50 watts. 8 ohms.

40-1258 69.95

Versatile Extension Speakers for Sound Anywhere

6½" Weatherproof Patio Speaker

19⁹⁵ Easy to Install



Relaxing sound indoors or out. Housed in moisture-proof plastic. Keyhole slots. 7¼x8¼x3¾". With hardware. 8 ohms. 40-1248 19.95

4" Portable Speaker

Ideal for Cars, Too 7⁹⁹



Garage, den, porch, van, CB extension — use it anywhere! Keyhole mounting. With hardware. 4¾x5½x3". 8 ohms. 40-1227 7.99

Hi-Fi Wall-Mount Speaker



24⁹⁵ Up-Front Volume Control

Minimus®-6. Full-range 6½" speaker. Walnut vinyl veneer. 8 ohms. 10¼x10½x4¾". 40-221 24.95

8" Wall Speaker/Baffle

For PA Or Music 14⁹⁵



Easily mounts on wall. Built-in volume control. Walnut vinyl. 8 ohms. 10¼x10½x4¾". 40-219 14.95

All-Weather 12" Powerhorn®

44⁹⁵ Rust Resistant



For music, paging or PA, indoors or out. Mounting bracket. 25 watts. 8 ohms. 40-1238 44.95

8" Outdoor Powerhorn

29⁹⁵ NEW FOR '80



• 400-5000 Hz Response
• Waterproof, Dustproof, Shockproof
Easy installation. With mounting bracket. 15 watts. 8 ohms. 40-1239 29.95

All-Metal 5" PA Powerhorn

17⁹⁵ Rust/ Shock Resistant



Weatherized high-impact construction. Mounting bracket. 5 watts. 8 ohms. 40-1236 17.95

CB/PA Extension 4" Powerhorn

Use It Indoors or Outdoors 12⁹⁵



Rugged weatherized construction. With mounting bracket. 8 ohms. 40-1244 12.95

Musical Instrument Speakers — Up to 100 Watts rms Capacity — Favorites of Musicians Everywhere



Designed to provide the on-stage power, sound and reliability expected by professionals. Heat-proofed to resist fracture and burn-out, reinforced at every stress point. Each has multi-strand flexible leads anchored to the cone and flange mounting holes for easy mounting. All have 8 ohms impedance.

Fig.	Size	Power (Watts)	Free-Air Resonance	Response (Hz)	Magnet Output	SPL (dB)	Cat. No.	Each
A	10x4" Horn	30	1500 Hz	4300-18,000	2.75	98	40-1279	19.95
B	12"	50	67 Hz	67-3500	20.39	89	40-1314	29.95
C	15"	100	62 Hz	62-3000	34.25	91.5	40-1315	39.95

Realistic Accessories to Improve Your PA System

Folding Mike Stand



Five Chromed Legs Provide Stable Base, Fold for Storage

21⁹⁵

- Ideal for Portable Use
- Protective Rubber Feet

Positive-action clutch adjusts instantly from 32" to 57" Std. $\frac{1}{4}$ "-27 thread. 33-325 21.95

31" Mike Boom Adapter

12⁹⁵

Chromed Tube With Built-In Counterweight

Has heavy-duty swivel. Tube length and angle adjust independently. Standard $\frac{1}{4}$ "-27 thread boom attaches to any floor stand. 33-344A 12.95

Cast Base Mike Stand

17⁹⁵

- Sleek Chromed Tubes
- "Sure-Grip" Clutch

Adjusts 34 to 62" Easily adjusts and holds at desired height. Low-profile black cast-iron base has rubber feet. Std. $\frac{1}{4}$ "-27 thread. 33-320 17.95

High-Power Portable PA Sound Columns



Use for Voice or Music in Schools, Clubs, Stage Shows, Sound Reinforcement, On the Road

Two Heavy-Duty 10" Woofers, Solid-State Piezo Horn Tweeter

NEW FOR '91 **129⁹⁵** Each



Two Heavy-Duty 8" Woofers, Solid-State Piezo Tweeter

79⁹⁵ Each

Radio Shack Makes "Pro Sound" Affordable

A Realistic PA-99. Efficient, integrated speaker system features the latest advances in audio technology for high-definition sound and music reinforcement! Wide 90-20,000 Hz response. System sensitivity: 94 dB (SPL at 1 M/1 W). Rugged vinyl enclosure with strong carrying handle, protective metal corners. Power handling capacity: 160 watts. Has $\frac{1}{4}$ " jack, two push-terminals. 8 ohms. 30x13x9 $\frac{1}{4}$ ". 40-1410 129.95

B Realistic PA-88. Designed for "natural" sound reinforcement! Controlled 130° sound dispersion maximizes coverage pattern, minimizes feedback for easy mike placement. Smooth 95-18,000 Hz response. System sensitivity: 89.6 dB (SPL at 1 M/1 W). Black vinyl enclosure with carrying handle, protective metal corners. Power handling capacity: 75 watts. Has $\frac{1}{4}$ " jack, two push-terminals for easy hookup. 8 ohms. 30x10x6 $\frac{1}{4}$ ". 40-1257 79.95

70V Line Transformer
4⁹⁹
For Multi-Speaker Systems
Taps: 10 5 2 5 1 25
0.62 watts. For 4 8 16
ohms. 32-1031 4.99

$\frac{5}{16}$ " Screw Flange
Die-Cast Construction
2⁴⁹
Attach mike to desk or lectern. Std. $\frac{1}{4}$ "-27 thread
33-332 2.49

13" Gooseneck
It's Flexible
3⁹⁹
Position mike in any direction. Std. $\frac{1}{4}$ "-27 thread
33-330 3.99

Padded Desk Stand
5⁹⁹
Cast base, 4" chromed tube. Std. $\frac{1}{4}$ "-27 thread
33-370 5.99

Mike Stand Adapter
2⁴⁹
Slip-in design holds most mikes for use with std. $\frac{1}{4}$ "-27 thread
33-371 2.49

Clamp-On Adapter
3⁹⁹
Holds regular mike or clamps to stand for side mtg. Std. $\frac{1}{4}$ "-27 thread
33-372 3.99

24' PA Cable
4⁵⁹
Fits PA-99, PA-88, most PA speakers. 18-ga. $\frac{1}{4}$ " plug, coded splice lugs.
42-2453 4.59

2-Conductor Speaker Wire
11⁹⁵
Heavy-duty, low-loss 16-gauge copper. 100 ft.
278-1384 11.95

XLR Mike Cable
20-Foot Extension
21⁹⁵
3-pin male and female connectors. Black finish.
42-2382 21.95

Dual-Mike Cable
9⁹⁹
25-Foot Extension
Two $\frac{1}{4}$ " phone plugs, twin inline $\frac{1}{4}$ " jack.
42-2380 9.99

Std. Mike Cable
4⁹⁹
25-Foot Extension
 $\frac{1}{4}$ " inline phone jack, plug, Gray
42-2379 4.99

Mike Adapter
3⁹⁹
Plugs one mike into both channels of stereo recorder. $\frac{1}{4}$ " jack to two $\frac{1}{4}$ " plugs. 42-2156 3.99

Realistic® PA Amplifiers – Tops for a Sound Investment



Professional 80-Watt Sound Reinforcement Amp

199⁹⁵

- Power Meter Monitors Output Level
- In/Out Jacks for Equalizer, Reverb
- Monitor Selector for Headphones Aids Cuing
- Mix Bus Jack to Stack Extra Amps
- Spring-Loaded Speaker Terminals
- Convenient Cord Storage Posts

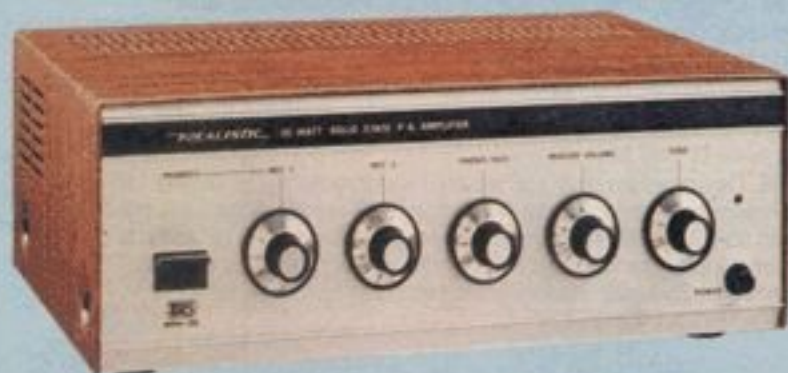
*1/4" Mike Jacks and XLR-Type
Connectors for "Pro" Mikes*



Realistic MPA-80. The power and portability you want in a professional PA system! Great for "live" bands, large auditoriums, roller discos. Four hi-lo-impedance mike inputs and an aux input with Glide-Path® level controls for each. Two magnetic phono inputs let you mix and fade two phonos. Monitor selector lets you listen through headphones to each individual input, or the mixed output — great for cuing. Master volume control has memory ring for easy resettability. Lighted power meter and LED clipping indicator help avoid distortion. Overload protected. U.L. listed. **32-2026** **199.95**

Response: 30-20,000 Hz. **Power:** 80 watts rms at 4 ohms. **Outputs:** mix bus, EQ in out, push-to-connect speaker terminals, two 1/4" speaker jacks, 1/4" headphone jack. **Power Requirement:** 120VAC, 60 Hz, 200W. **Size:** 4 1/2" x 14 1/2" x 10 1/2"

35-Watt PA Amplifier Features Priority Switch for Instant Paging



99⁹⁵

- Perfect for Medium-Size Auditoriums,
Churches, Paging and Background Music
- 70-Volt Output for Multiple Speaker Systems

Realistic MPA-35. Priority switch for Mike-1 overrides all other inputs for instant paging. Mixing inputs for Mike-1, Mike-2 and phono aux. Built-in preamp for magnetic phono, master volume and tone controls, illuminated on/off push-button, constant-voltage output. Metal case. U.L. listed. **32-2022** **99.95**

Response: 150-12,000 Hz. **Power:** 35 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers; 25 and 70V line. **Power Requirements:** 120VAC, 60 Hz, 120W. **Size:** 4 1/2" x 11 x 8 1/2"

20-Watt PA Amplifier Operates from 120VAC or 12VDC for Mobile Use



79⁹⁵

- High Level Phono/Aux Inputs
- Accepts Either Hi or Lo-Z Mikes

Realistic MPA-20A. Great versatility — use it anywhere! Three mixing controls: 2 mikes and dual-function phono aux. Master tone and volume controls, lighted on/off switch. Metal case. Includes mobile mounting bracket, 12VDC powercord with cigarette lighter plug. U.L. listed. **32-2020** **79.95**

Response: 150-20,000 Hz. **Power:** 20 watts rms at 8 ohms. **Outputs:** 4, 8, 16-ohm speakers and 70V line. **Power Requirements:** 120VAC, 60 Hz, 40W 12VDC, neg. gnd. 3.5A. **Size:** 4 1/2" x 10 1/2" x 7 1/2"

Indoor and Outdoor PA Systems at Money-Saving Prices

Performer's Portable System

- Realistic MPA-35 PA Amplifier
- Super Cardioid Mike • Mike Stand
- Two PA-88 Portable Column Speakers

Save \$32⁷⁵ Reg. Separate Items 307.75
275⁰⁰

Save \$143⁴⁰

Portable 80-Watt Disc Jockey Music System

Reg. Separate Items 1192.40
1049⁰⁰

"Toastmaster's" Special

- Realistic MPA-80 PA Amplifier
- Highball Mike • Folding Mike Stand
- Two PA-88 Portable Column Speakers

Save \$46⁷⁵ Reg. Separate Items 431.75
385⁰⁰

80-Watt 2-Mike Club System

- Realistic MPA-80 PA Amplifier
- Two Highball Unidirectional Mikes
- Two Folding Microphone Stands
- Two PA-99 Portable Column Speakers

Save \$64⁶⁵ Reg. Separate Items 603.65
539⁰⁰

- Realistic MPA-80 PA Amplifier
- Highball Unidirectional Mike
- Cast Base Microphone Stand
- Microphone Boom Adapter
- Nova-PRO Headphones
- 5-Band Frequency Equalizer
- Two LAB-290 Turntables
- Four PA-99 Column Speakers



The "Singers' Choice"

- Realistic MPA-80 PA Amplifier
- Four Highball Unidirectional Mikes
- Four Microphone Stands With Bases
- Four PA-99 Portable Column Speakers

Save \$112³⁵ Reg. Separate Items 991.35
879⁰⁰

Deluxe Paging System

Save \$27⁶⁰

238⁰⁰

- MPA-35 PA Amplifier
- MC-1000 Dynamic Mike
- Six Minimus-6 Speakers

Business Paging PA

Reg. Separate Items 279.49
249⁰⁰

Save \$30⁴⁹

- MPA-35 PA Amplifier
- Super Cardioid Mike • Stand
- 8-5" Powerhorns

"On-the-Go" PA System

Save \$11⁸⁰

Reg. Separate Items 121.80

110⁰⁰

- MPA-20A AC/12VDC PA Amplifier
- MC-1000 Microphone
- Two 4" Powerhorn Speakers With Mounting Brackets

Low-Cost Paging System

Save \$16⁷⁰

Reg. Separate Items 161.70
145⁰⁰

- MPA-20A PA Amplifier
- Highball-2 Mike
- Four 8" Wall Speakers

"Anywhere" System

Save \$22⁸⁰

Reg. Separate Items 211.80

189⁰⁰

- MPA-20A AC/12VDC PA Amp
- Supercardioid Mike
- Folding Mike Stand
- PA-88 Portable Speaker

Sports Announcer's PA

Save \$25⁶⁹

Reg. Separate Items 235.69

- MPA-20A AC/12VDC PA Amplifier
- Supercardioid Mike
- Desk Stand
- Four 8" Powerhorns

Upgrade With Realistic/Shure Diamond Magnetic Stereo Cartridges



Advance Into the Future with the Realistic/Shure RXT4

Our best in every way! Its dynamic stabilizer with viscous damping assures outstanding performance, even on warped records, with any turntable capable of tracking at 1½ grams or less. Telescoped stylus for unmatched trackability at an ultra-light ¾-1½ grams — even on the new super-discs. Lowest distortion elliptical stylus (5x18 microns). Super-flat frequency response: 20-20,000 Hz. Wide stereo separation: at least 25 dB at 1 kHz. Carbon fibers neutralize static charges. Side guard automatically deflects stylus to prevent damage. With easy-mount installation kit, screwdriver and stylus cleaning brush.

49⁹⁵

Low-Cost Realistic/ADC QLM30 MK III



Diamond conical stylus with 20-18,000 Hz, ±3 dB response. Channel separation: 18 dB at 1 kHz. Tracks 3-5 grams. With easy-mount adapter. 42-2772

12⁹⁵



Hi-Value Hi-Fi! Realistic/Shure R25EDT

Elliptical diamond stylus for lower distortion (10x18 microns). High fidelity 20-20,000 Hz frequency response. Tracks at 2-4 grams. 42-2767

19⁹⁵

RS3T Stylus. Replaces R25. Shure M71, M75-ECS series. 42-2768

14.95



Wide Dynamic Range! Realistic/Shure R47EDT

Features of R25EDT, plus high trackability down to 1½ grams for lower wear. 20 dB channel separation for superb stereo. Tracks at 1½-3 grams. 42-2761

29⁹⁵

RS5T Stylus. Replaces R47. Shure M70, M75 series. 42-2762

19.95



Ultra-Light Tracking! Realistic/Shure R1000EDT

Smooth 20-20,000 Hz response for high-definition music. Tracks at only ¾-1½ grams. 5x18 micron stylus tip. 42-2769

39⁹⁵

RS8T Stylus. Replaces R1000, Shure M90, M75 T-2 series. 42-2770

27.95



RS9E Stylus. For R9000, Shure M95 series. ¾-1½ g. 42-2651

29.95



RS6E Stylus. For R27, Shure M73-75E series. ¾-1½ g. 42-2764

24.95

How Old Is Your Stylus?
A New One Will Protect Your Valuable Records!

Popular Replacement Styli — All Diamond



RSK8C
42-2771
9⁹⁵
Replaces QLM30 and ADC K Series. Conical



RS50E
42-2759
19⁹⁵
Elliptical. For ADC QLM34, MK III, P32, K5E



DAT-2
42-2484
10⁹⁵
For Pickering V15 AT-2, V15 AT-1, V15 AT/M. Almost all KLH, Scott and similar systems



DATE-4
42-2485
18⁹⁵
Elliptical. For Pickering V15 AC, V15 AT, ATE, AM, ATE-4, P-AC, P-AT, P-ATE, most Fisher and Garrard pre-mounted

Replacement Styli

Renew or upgrade your present stylus — don't let a worn stylus damage your records! All styli are shadow-graphed for uniform quality and response, so you're sure of getting only the best from a Realistic stylus!


1


2


3


4


5


6


7


8


9


10


11


12


13


14


15


16


17

All Diamond Needles

3⁹⁹ Each

Fig.	Cat. No.	Model	Cartridge or Stylus No.
ASTATIC			
1	42-2813	R-3	314, 420, 422, 424, 426
2	42-2817	RS-25	70, 74, 76, 80, 86 Stereo
3	42-2804	RS-67	140, 142 Stereo
BSR			
4	42-2810	RS-81	ST-3, 4, 5, 6, X3H, JX-1H, SX-2H, C1
5	42-2828	RS-110	ST-8, ST-9, ST-10, SX5H, SC5H
6	42-2891	RS-152	SC5M, SX5M, ST-12, ST-14, ST-15, ST-22
7	42-2892	RS-166	SC7M, SC8M, ST-16, ST-17, ST-21
ELECTRO-VOICE			
8	42-2890	RS-109	168, 198, 199, 275, 277

Fig.	Cat. No.	Model	Cartridge or Stylus No.
GENERAL ELECTRIC			
9	42-2896	RS-70	C-500, C-650
10	42-2899	RS-161	C-660
TETRAD			
11	42-2802	RS-98	S1D, S2D, S3D, S4D, 61D, 62D, 63D, 64D, A-1, A-2, A-3, B-1, B-2, B-3, B-4, T5HD, T50HD
12	42-2889	RS-91	10D, 11D, 12D, 13D, 14D, 71D, 72D, 73D, 74D, 80D, G-1, G-2, G-3, T1LD
Sapphire Kiddie Needles			
			2 ²⁹ Pkg. of 2 42-2750

Fig.	Cat. No.	Model	Cartridge or Stylus No.
TETRAD			
13	42-2840	RS-93	30D, 31D, 32D, 33D, 34D, 90D, 91D, 93D, E-1, E-2, E-3, T2MD, T20MD
14	42-2841	RS-127	40D, 41D, 42D, 43D, 44D, 20D, 21D, 22D, 23D, 24D, C-0, C-1, C-2, C-3, T3MD, T30MD
VARCO			
15	42-2805	RS-100	CN50, 65, 68, 70, 72, 75
16	42-2839	RS-141	TN4A, TN4B
ASTATIC			
17	42-2900	RS-120	N-50, N-51, N-56, N-58, N-60, N-62, N-63, N-68, N-70, N-72, N-76

Protect Your Records With Our Care & Cleaning Aids

Carbon Fiber Record Brush



9⁹⁵

Prolongs Record Life

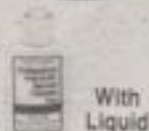
Over one million static-cutting fibers sweep your records clean, adding years to their life!
42-110 9.95

Hydro-Stor Record Care System



9⁹⁵

Protects Records



With Liquid

Vapor penetrates velvet-surfaced cleaner, creates field of humidity that reduces static charges. Cleans easily.
42-102 9.95

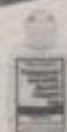
Hydro-Stor Cleaning Cylinder

4⁹⁵

Prevents Static Noise



Velvet-covered cleaner helps protect your records and stylus — eliminates static for noise-free listening. 4 1/4 x 1 1/2" dia. 42-101 4.95



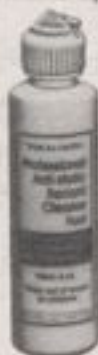
With Fluid

Wet-Or-Dry Cleaner



2⁹⁹

Velvet-covered ionizer/cleaner removes dust and dirt, fights static. 42-130 2.99



Anti-Static Cleaning Fluid

1⁹⁹ **Controlled-Flow Tip**

Cleans records and stylus. Can be used with all fine record cleaners. 4-oz. bottle. 42-105 1.99

Low-Cost Cleaner



1⁹⁹

The lowest cost way to protect and prolong record and stylus life. Easy to use. 42-135 1.99

Record & Stylus Cleaning Kit

2⁴⁹



Includes special anti-static cleaning fluid, applicator and stylus brush. 42-1085 2.49

Carbon Fiber Head Shell



5⁹⁹

Lightweight housing fits most straight-line tonearms. Finger lift, color-coded wiring, mtg. hardware. 42-2699 5.99

Replacement Head Shell



4⁹⁹

Low Mass
Fits most S-shaped tonearms. With leads, mounting hardware. 42-2752 4.99

Carbon/Foam Turntable Mat



5¹⁹

Anti-Static Anti-Resonant

Carbon foam Disc-O-Mat cuts "crackle and pop," reduces dust attraction. 42-362 5.19

40-LP Record Rack

3⁵⁹

Get Organized



Neat way to store and protect your record collection. 42-136 3.59

Stylus Cleaner & Brush

1⁵⁹

Removes particles that harm your records from your stylus. 1 1/4 oz. 42-1074 1.59



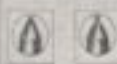
Deluxe Stylus Force Gauge



Prevents Damage 2⁴⁹

Balances tonearm for proper tracking force. 42-137 2.49

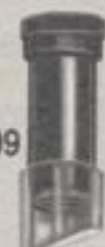
Stylus "Micro" Scope



1⁹⁹

GOOD! BAD!
Pocket-Sized

Check your stylus for wear to prevent record damage. 42-2756 1.99



Strobe Disk

For 33 1/3 And 45-RPM



69¢

Checks turntable speed accuracy in RPM. 42-268 69¢

LP Spray Cleaner

1³⁹

With Cloth

Spray away record noise and wear. 42-2500 1.39



Record Sleeves

2³⁹

Pack Of 10

Vinyl lined. Fit all LPs. Protects your records. 42-132 2.39



Foam Phono Cushions

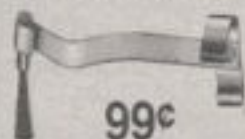
Low As 99¢

10" and 12" Sizes

Anti-resonant support. 10": 42-360 99¢
12": 42-351 1.39



Brush/Arm Lift



99¢

Cleans as record plays, also provides convenient fingertip arm lift. 42-1072 99¢

Clip-On Disc Brush

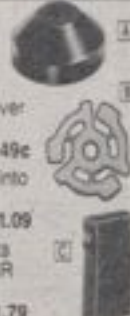


79¢

Fits onto tonearm, cleans your records as you play them. 42-1073 79¢

45-RPM Spindles

Manual. Fits over standard spindle 42-120 49¢
Inserts. Snap into 45-RPM discs. 42-103 40/1.09
Automatic. Fits Modulare and BSR mini-changers. 42-2999 1.79



Multi-Purpose Speaker Cables and Accessories

Lug-to-Lug Cables

Low As
1⁵⁹



**Color-Coded
For Easy Hookup**

Solderless! Color-coding assures proper phasing. For extension or main speakers.

Feet	Gauge	Cat. No.	Each
24	18	42-2451	3.99
24	24	42-2446	2.09
12	24	42-2447	1.59

Phono Plug-to-Lug Cables

Low As
2¹⁹



**Molded Cable
Assemblies**

Feet	Gauge	Cat. No.	Each
24	18	42-2452	4.29
24	24	42-2450	2.29
12	24	42-2449	2.19

1/8" Mini Plug-to-Lug Cable

**NEW
FOR '92**



2¹⁹

Feet	Gauge	Cat. No.	Each
12	24	42-2454	2.19

Phono Plug-to-Plug Cables

**Put Speakers Wherever
You Want Them! Phono
Plug at Each End
for Easy Hookup**



Low As
2⁶⁹

Molded Cable Assemblies

Length	Color	Gauge	Cat. No.	Each
50'	Brown	18	42-2480	8.49
24'	Brown	18	42-2478	4.69
12'	Brown	18	42-2479	3.69
24'	Gray	24	42-2392	3.19
24'	White	24	42-2430	3.19
12'	Gray	24	42-2445	2.69
12'	White	24	42-2431	2.69

Maximum-Fidelity Speaker Cable



30 Feet

**Low Resistance
For Minimum
Power Loss**

19⁹⁵

Realistic MF-100. Specially designed for super hi-fi! The extra-heavy, low-resistivity design assures maximum power to your speakers, and 64 discrete strands of braided copper insure no loss of damping factor. Flat and flexible clear plastic makes it easy to work with as well as attractive. Booted, tinned ends for hook-up without shorting or phasing problems. **42-2600** **19.95**

Values in Speaker Controls, Mounting Accessories and Grilles

Speaker Selector Switch



6⁹⁵

**Handles 4
Speakers**

Controls two pairs. Non-shorting. Enclosed in metal case. With mounting hardware. **40-130** **6.95**

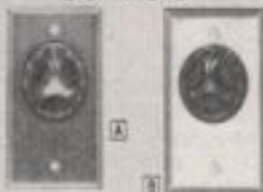
Stereo Speaker Switch Box



**Handles Up to
6 Speakers** **12⁹⁵**

Controls 3 pairs of stereo speakers or 6 mono speakers. Rated 10 watts rms. Metal case. 2 1/2" x 6 3/4" **40-125** **12.95**

Stereo Volume Controls



10⁹⁵ 75 **6⁹⁵ 25**
Watt Watt

Controls volume of two 8-ohm speakers. Mounts easily to wall. **(A) 40-978** **10.95**
(B) 40-979 **6.95**

Monophonic Volume Control



4⁴⁹

Controls volume of any 8-ohm speaker. 25 watts peak. **40-980** **4.49**

Foam Speaker Grille



7⁹⁵
Each

Acoustically transparent. Easy mounting. 17x23 1/2" x 1/2". **Brown, 40-1946** **7.95**
Black, 40-1951 **7.95**

Speaker Wall Jack With Phone Plugs



2⁶⁹

Lets you easily hook up stereo speakers anywhere. Includes two 1/4" plugs. **40-976** **2.69**

Speaker Wall Terminals

2⁹⁹

**Quick
Release**

Add speakers to any room! Spring-loaded, color-coded terminals. **40-975** **2.99**

Metal Wall Brackets

3⁹⁵
Pair



**Each Supports
Up to 50 Lbs.**

Now you can easily wall-mount speakers, yet the brackets are hidden from view. Screws for hardwood mounting of 2 speakers. **40-150** **Pair 3.95**

Speaker Hangers



1¹⁹
Pair

**NEW
FOR '92**

Easy to Install

Ideal for mounting small bookshelf or "mini" speakers. Will not rust or scratch. Support up to 25 lbs. With mtg. hdw. **40-160** **Pair 1.19**

Cloth Speaker Grilles

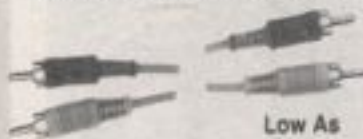
Low As
5⁹⁹

Colorfast fabrics resist sagging, shrinking, fading. Acoustically transparent.

Fig.	Desc.	Size	Cat. No.	Each
A	Deluxe Brown	36x34"	40-1936	6.99
B	Deluxe Black	36x34"	40-1935	6.99
C	Basic Black	36x32"	40-1923	3.99
D	Basket Weave	36x32"	40-1940	5.99

Wide Choice of Audio Cables, Connectors, Adapters

Shielded Patch Cords



Low As
3³⁹

Description	In.	Cat. No.	Each
2 Straight Phono Plugs at Each End	36	42-2351	3.39
2 Straight Phono Plugs at Each End	72	42-2352	4.89

4 Color-Coded 36" Cables



3⁹⁹

Red, Green, Yellow, Black
Shielded for positive protection and low signal loss.
Phono plugs.
42-2309 3.99

39" Audio Patch Cable



NEW FOR '82

6⁵⁹

Connect tape decks, signal processors, equalizers to stereo system. Four phono plugs on each end. 42-2354 6.59

39" Stereo Cable With Gold-Plated Plugs

12⁹⁵



MF-200 Maximum Fidelity. Low-capacitance, corrosion-resistant gold-plated phono plugs for absolute minimum signal loss. Gold-plated spring-type strain reliefs for long-life. Fully shielded to prevent hum. Low-loss dielectric core. 15 picofarad per foot. 42-2601 12.95

FM Dipole Antenna



2⁹⁹ **Better Than "Built-Ins"**

"Quick-Connect" lugs attach to terminals for easy hookup. 300 ohms.
42-2385 2.99

6' Stereo Y-Adapter



5⁸⁹

Record from a headphone jack. 1/4" phone plug to two phono plugs.
42-2474 5.89

6' DIN Patch Cord



5⁴⁹

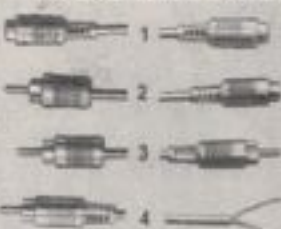
Shielded cable with 5-pin DIN male connectors on each end.
42-2151 5.49

Dubbing Patch Cord



3²⁹

Attenuating patch cord. Ideal for cassette dubs. 1/8" mini plug on each end. 42-2152 3.29

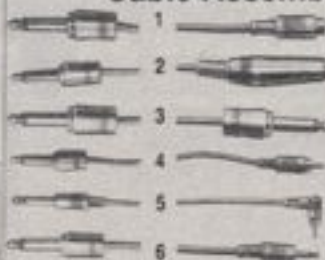


Phono Plug Cable Assemblies

Low As
1⁶⁹

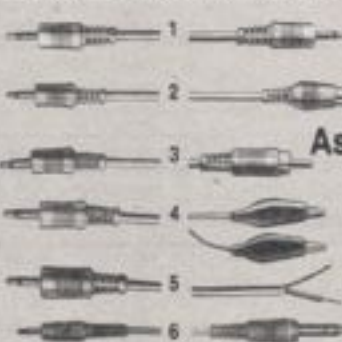
Fig.	Description	In.	Cat. No.	Each
1	Phono Jack to Phono Jack	72	42-2358	2.49
2	Phono Plug to Phono Jack	36	42-2361	2.29
3	Phono Plug to Phono Jack	72	42-2362	2.39
4	Phono Plug to Phono Jack	144	42-2363	3.19
5	Phono Plug to Phono Plug	18	42-2365	1.79
6	Phono Plug to Phono Plug	36	42-2366	1.89
7	Phono Plug to Phono Plug	72	42-2367	2.19
8	Phono Plug to Phono Plug	144	42-2368	3.09
9	Phono Plug to Stripped Tinned Ends	36	42-2370	1.89
10	Phono Plug to Stripped Tinned Ends	72	42-2371	1.89
11	Phono Plug to Stripped Tinned Ends	144	42-2372	2.19

1/4" Phone Plug Cable Assemblies



Low As
2⁸⁹

Fig.	Description	In.	Cat. No.	Each
1	Phone Plug to Phono Jack	72	42-2377	2.89
2	Phone Plug to Inline Phone Jack	144	42-2378	4.19
3	Phone Plug to Phone Plug	72	42-2381	3.29
4	Phone Plug to Phone Plug	72	42-2373	3.19
5	90° Phone to Phone Plug	72	42-2440	2.89
6	Mini Phone Plug to Phone Plug	72	42-2433	2.89



Mini Plug Cable Assemblies

Low As
1⁹⁹

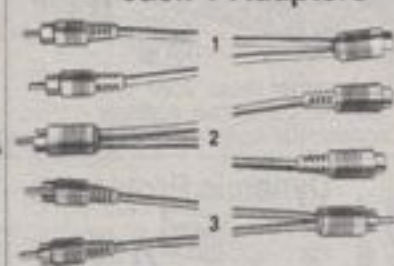
Fig.	Description	In.	Cat. No.	Each
1	Mini Phone Plug to Mini Phone Plug	72	42-2420	2.29
2	Mini Phone Plug to Mini Phone Jack	72	42-2472	3.19
3	Mini Phone Plug to Phono Plug	72	42-2444	1.99
4	Mini Phone Plug to Alligator Clips	72	42-2421	2.29
5	Mini Phone Plug to Stripped Ends	72	42-2434	2.29
6	Mini Phone Plug to Stereo Phone Plug	72	42-2157	2.89

Coiled Guitar Cords



Fig.	Description	In.	Cat. No.	Each
1	Coiled, 3' Extends to 15' 90° Phono Plug to Phono Plug	180	42-2473	6.99
2	Coiled 90° Phono Plug	144	42-978	4.99

Phono Plug to Phono Jack Y-Adapters



Low As
1⁹⁹

Fig.	Description	Cat. No.	Each
1	Y-Adapter: 2 Phono Plugs Connected to 1 Phono Jack 4' Shielded Cable	42-2435	2.59
2	Y-Adapter: Phono Plug Connected to 2 Phono Jacks 3' Shielded Cable	42-2436	2.59
3	Y-Adapter: 3 Phono Plugs Connected to 4' Shielded Cable	42-2438	1.99

Assorted Y-Adapters

Low As
1⁸⁹



Fig.	Description	Cat. No.	Each
1	Flexible Y-Adapter: 2 Phono Plugs Connected to 1/8" Mini Plug 9' Long	42-2153	1.89
2	Flexible Y-Adapter: 2 Phono Jacks Connected to Mini Phone Plug 9' Long	42-2154	1.99
3	Flexible Y-Adapter: 2 Phono Jacks Connected to 1/4" Plug 5 1/2' Long	42-2150	2.29
4	Y-Adapter: 3-Conductor (Stereo) Phone Jack to 2 Phono Plugs	42-2471	3.59
5	Y-Adapter: 3-Conductor (Stereo) Phone Plug to Phono Jacks	42-2477	2.59

RADIO SHACK ALSO HAS A COMPLETE LINE OF MICROPHONE AND PA CABLES

www.RadioShackCatalogs.com

Save \$\$ — Custom Build Your Own Speaker System



High-Performance 3-Way Speaker Kit

- 12" Long-Throw Woofer
- 5 1/2" Ferrofluid Cooled Midrange Speaker
- 1" Soft-Dome Tweeter

79⁹⁵

Realistic SPK-1200. Enjoy superb sound at a fraction of the cost of factory-assembled systems. Radio Shack has done the designing for you. Includes all 3 speakers, 3-way crossover network, gaskets, all hardware and complete enclosure construction plans. 40-3025 ... 79.95

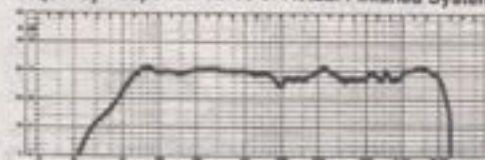


Includes Easy-to-Follow Instructions

A Properly Constructed Enclosure Will Produce the Following Characteristics. Frequency Response: 45-22,000 Hz. System Resonance: 60 Hz. Program Power: 80 watts. Nominal Power: 30 watts. SPL (dB/1W/1M): 90.

SPECIFICATIONS. WOOFER. Diameter: 12". Free Air Resonance: 25 Hz. Magnet Weight: 20-oz. **MIDRANGE.** Type: Cone. Ferrofluid cooled. Diameter: 5 1/2". Magnet Weight: 5.37-oz. **TWEETER.** Type: Soft Dome. Diameter: 1". Magnet Weight: 8.54-oz. **CROSSOVERS.** 2000 Hz and 7000 Hz. **IMPEDANCE:** 8 ohms. Enclosure not included.

Frequency Response Curve of Actual Finished System



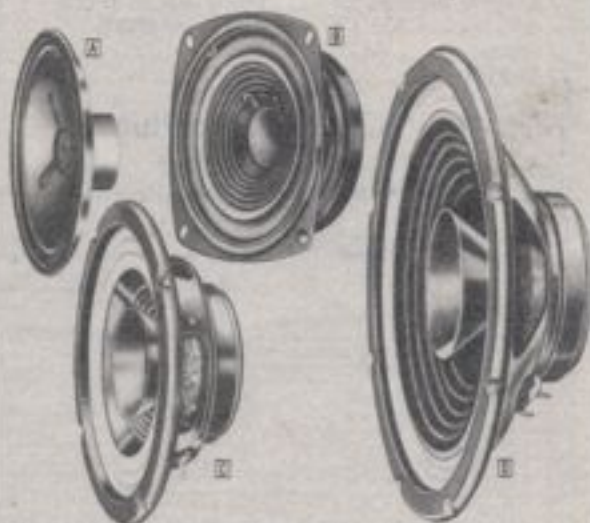
Realistic Multi-Purpose Speakers Deliver Full-Range Frequency Response

Budget. Enjoy clarity and wide-range sound reproduction with these value-priced speakers designed for a multitude of uses. 8 ohms impedance.

Fig.	Description	Power Nom. Max. (watts)	Resonance (Hz)	Effective Freq. Range (Hz)	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Cat. No.	Each
A	2"	0.5	—	—	—	0.35	40-245	2.49
A	2 1/4"	0.5	—	—	—	0.35	40-246	2.49
A	2 1/2"	0.5	—	—	—	0.35	40-247	2.49
A	2 3/4"	0.5	—	—	—	0.35	40-252	2.49
A	3"	2.0	—	—	—	0.35	40-248	2.99

Deluxe. Great as extension speakers, as replacements, in custom built systems, ceiling installations, and more! Smooth response from deep, uncolored bass through the important midrange frequencies, to crisp, clean highs. 8 ohms.

Fig.	Description	Power Nom. Max. (watts)	Resonance (Hz)	Effective Freq. Range (Hz)	SPL (dB) 1W/1M	Magnet Wt. (Oz.)	Cat. No.	Each
B	4"	3/10	80	80-15K	90	6.81	40-1197	12.95
B	4"	2.0	—	—	—	0.53	40-1203	4.85
C	6" With Whizzer	7/20	55	55-12K	90	9.8	40-1285	12.95
C	6"	2.5	90	90-12K	88	2.8	40-1242	5.49
C	8" With Whizzer	25	55	55-16K	90	16.0	40-1341	22.95
D	8" With Whizzer	30	57	57-18K	93	9.4	40-1286	17.95
D	8"	4/10	90	90-20K	87	5.3	40-1272	7.95
D	8"	5/10	75	75-20K	88	3.77	40-1271	6.95



Accessories to Complete or Upgrade Your Speaker System

Solid Steel 8" Speaker Grille



4⁹⁹ White Enamel Finish

For mounting 8" speakers in ceiling. With hardware. (Use with 40-1341/1286/1272/1271 above.) 40-1223 ... 4.99



Universal 2-Way Crossover

10⁹⁵ NEW FOR '93

Choice of 3 crossover points: 2000 Hz/2500 Hz/4000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. 40-1296 ... 10.95

Universal 3-Way Crossover

18⁹⁵ NEW FOR '93

Four combinations: 800/5000 Hz, 800/7000 Hz, 1600/5000 Hz, 1600/7000 Hz. Cut-off rate: 6 dB per octave. Capacity: 100 watts. 40-1299 ... 18.95

Acoustic Insulation



2¹⁹ For Custom Builders

Fiberglass. For damping speaker enclosures. One square yard. 42-1082 ... 2.19



Dynamic Protectors

4⁹⁹ Set of 2 NEW FOR '93 For Tweeters

Protects tweeter from overload. Increases power rating. Virtually inaudible operation. For 2 or 3-way systems. Easy hookup. 40-301 ... 24.99

Monophonic L-Pad Handles Up to 75 Watts

6⁹⁵

Use to control tweeter or midrange output to match level of woofer output. Or control volume of any independent 8-ohm speaker. 40-977 ... 6.95



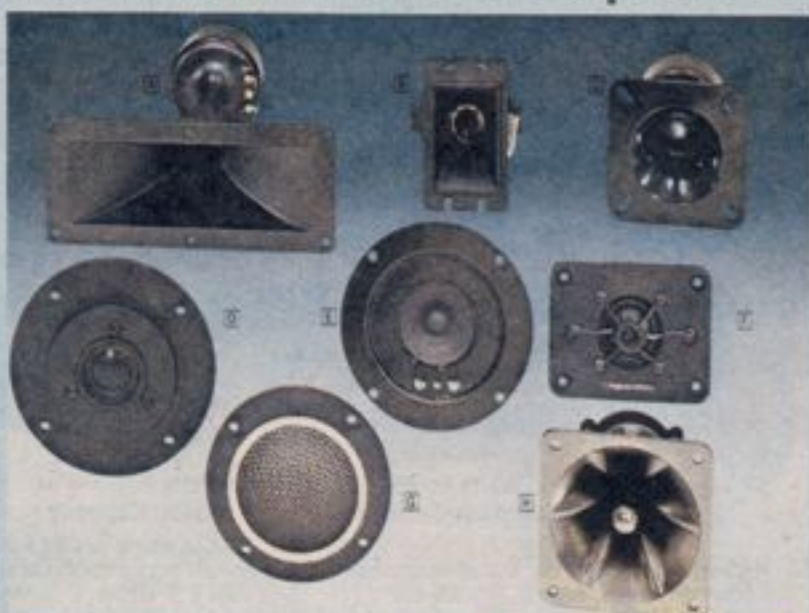
Step Up to High-Quality Sound With Realistic® Speakers

Tweeters for Extended Highs

Dynamic Tweeters. Designed to deliver impressive highs and superior stereo imaging that add greater listening enjoyment to your system. Choose from a variety for every application. Figures A through F are dynamic tweeters. 8 ohms impedance.

Piezo Tweeters. Ideal for high performance systems. They use a solid state driver element in place of a voice coil and magnet for lower mass, increased efficiency. Improves transient response so you hear clearer highs with a minimum of "ringing." Virtually burnout-proof. Easy parallel hookup—no crossover required!

Fig.	Description	Power Nom/Max (watts)	Res- istance (Ω)	Effective Frequen- cy Range	SPL (dB) 1W/1M	Magn- et wt. (oz.)	Recom- mended Crossover (Hz)	Cap. No.	Price
A	2 1/2" Horn	15/30	1500	5-17 kHz	88	2.75	3000 Hz	40-1229	12.95
B	1 1/2" x 1" Hoop-Dome Horn	20/40	1500	6-18 kHz	91	2.7	3000 Hz	40-1277	9.49
C	2 1/4" Radial Horn	25/50	2500	6-18 kHz	88	2.75	3000 Hz	40-1278	9.49
D	1" Mylar Dome	30/60	800	6-20 kHz	87	5.4	3000 Hz	40-1276	13.95
E	1 1/4" Cone	30/60	1700	5-20 kHz	91	2.94	3000 Hz	40-1270	5.99
F	1" Soft Dome	30/60	1000	5-20 kHz	90	4.5	3000 Hz	40-1283	10.95
G	3 1/2" Piezo w/Dome	40/75	—	4-20 kHz	91	—	—	40-1302	8.95
H	3 1/2" Piezo Super Horn	30/75	—	5-20 kHz	95	—	—	40-1301	12.95



3-Inch Midrange Tweeter

The easy way to upgrade an 8", 10" or 12" speaker to a superb 2-way system with excellent midrange plus extended high-frequency response. Tuned "back cup" sub-enclosure lowers effective frequency range to match most woofers. Excellent high-frequency dispersion. 700-20,000 Hz response, 89 dB SPL (1W, 1M), 30-watt power capacity. 2.86-oz. magnet. 8 ohms. With 16µF capacitor.

40-1289 12.29



Super Tweeter

19.95 Each

Extends response of any speaker to 40,000 Hz. Easy hookup. 50 watts max. 4" high.
40-1310 19.95



Midrange Speakers to Add "Presence"

Hear dramatic realism! Gives clean, smooth response in the critical vocal range. Seamless transition between woofer and tweeter. 8 ohms impedance.

Fig.	Description	Power Nom/Max (watts)	Resis- tance (Ω)	Effective Frc. Range	SPL (dB) 1W/1M	Magnet wt. (oz.)	Recommended Crossover	Cap. No.	Each
A	Soft Dome	30/75	800	1.5-15 kHz	88	10.9	2-4 kHz	40-1281	17.95
B	4" Cone	30/60	500	1.5-11 kHz	82	2.77	1.5-10 kHz	40-1282	9.95



Ferrofluid Cooled

Magnetic fluid, in the gap between the voice coil and the magnet structure, acts as a heat sink to improve power handling!

Powerful, Foam-Surround Woofers For Deep, Well-Defined Bass

An Excellent Way to Start Building Your Custom Speaker System or Update Your Present System

All Realistic woofers provide clean and gutsy bass response down to where sound becomes a physical sensation. Foam-surround cones for high compliance. Ceramic magnets. High temperature voice coils for reliability. Rigid frame construction insures proper alignment, longlife service. Mounting gaskets included. Easy-hookup coded terminals. 8 ohms impedance.

Fig.	Size	Power Handling (watts)	Effective Frc. Range	Res-Air Resistance (oz.)	Qts	Vel. in./s	SPL (dB) 1W/1M	Magnet (oz.)	Recomm. Crossover Point (Hz)	Cap. No.	Each
A	6 1/2"	50	30-5000	40	40	1.7	90	12.9	4000	40-1029	17.95
B	8"	50	40-3000	40	46	2.15	82	18	2000	40-1030	19.95
C	10"	50	40-2000	40	55	4.2	81	19.0	1000	40-1031	24.95
D	12"	50	30-2000	30	57	18.4	78	18	500	40-1032	29.95



CONVENIENT CHARGE AND TIME-PAY PLANS AVAILABLE AT MOST RADIO SHACK STORES

www.RadioShackCatalogs.com

Auto Stereo Speakers — Matched Pairs to Fit Any Car

3-Way Hi-Fi System



59⁹⁵
Pair

- Superb Sounding Flush-Mounts
- 60 Watts Power Handling Capacity

High-powered sound! Big 5¼" air-suspension woofer with 20-oz. magnet, 1" voice coil; 2" midrange, 1" horn tweeter. With electronic crossover, snap-on metal grilles, mounting hardware. No retainer rings required.

12-1856 Pair 59.95

2-Way Hi-Fi System



59⁹⁵
Pair

60 Watts Power Handling Capacity

Exciting sound quality! Surface mount on rear deck or other flat surface. Features 5½" woofer, 2" tweeter, individually mounted under open-mesh grilles. Electronic crossover network, sturdy molded housings, mounting hardware included. 3x9¼x6¼" 12-1853 Pair 59.95

3-Way Hi-Fi System



79⁹⁵
Pair

80 Watts Power Handling Capacity

Our finest flush-mount auto speaker system really makes high-power autosound equipment come alive! Features individually mounted 5¼" woofer, 2½" midrange and 2" tweeter, with electronic crossover. Fits standard 6x9" cut-out. 2¼x9¼x6¼". With mounting hardware. 12-1854 Pair 79.95

40-Watt 5¼" Stereo Speaker Systems to Fit Most Cars



29⁹⁵
Pair

Flush Mount
Only 1½" Deep — Mount Easily in Door Panels

These 5¼" speakers mount anywhere space is shallow. Include protective moisture shields, metal grilles. No retainer rings required. With mounting hardware. 12-1855 Pair 29.95



Moisture Shields Included

Surface Mount

Durable 7¼x7½" Molded Housings

29⁹⁵
Pair

Quality 5¼" speakers with cloth-rolled dual cone and 8-oz. magnet. Acoustic suspension design for deep bass. Mount on rear deck or any flat surface. Handles 40 watts. With mtg. hardware. 12-1849 ... Pair 29.95



Tight Budget? The Shack Has a 20-Watt System in Your Price Range

5¼" Flush-Mount



17⁹⁵
Pair

Include "Retainer Rings" For Quick Mounting Without Removing Upholstery Panels

Wide-response 5¼" dual-cone speakers with 4¼-oz. magnets for miles of listening pleasure! Mount inside doors or in rear deck of car. Corrugated construction, sturdy metal grilles. 12-1843 Pair 17.95

5¼" Surface-Mount



Mount on Doors, Rear Deck, Under Dash or Seat

17⁹⁵
Pair

Wide-response 5¼" dual-cone speakers with 4¼-oz. magnets mounted in durable molded housings. Easy to install, or remove and re-mount in your next car. 7¼x7½". 12-1844 Pair 17.95

5" Flush Mount



11⁹⁵
Pair

Mount Inside Doors or Rear Deck of Most Cars, Even the Subcompacts

An economical way to add fine sound to your car. Wide-range 5" speakers include retainer rings for quick mounting without removing upholstery panels. With molded vinyl grilles. 12-1851 Pair 11.95

3" Surface-Mount



Fits on Doors, Rear Deck, Under Dash or Seat — Almost Anywhere

11⁹⁵
Pair

The same wide-range speakers in durable plastic housings. Easy to install, simple to remove and re-mount in your next car. Perfect for most subcompacts. 12-1852 Pair 11.95

AUTO SPEAKERS ON THIS PAGE ARE 8 OHMS AND RATED IN PROGRAM POWER PER PAIR

— INCLUDE MTG. HARDWARE & INSTRUCTIONS.

www.RadioShack.com

Realistic Speakers and Accessories for Highway Hi-Fi



Famous Minimus-7 Goes Mobile

49⁹⁵ Each

- Add Big Sound to Car, Van or RV
- Amazing Bass

Heavy-magnet 4" woofer and wide-dispersion 1" tweeter for response to 20,000 Hz. Die-cast metal enclosure. 40 watts. 7 1/2" x 4 1/2" x 4 1/2"

Black. 40-2030 49.95
Silver. 40-2034 49.95

Minimus-7 Metal Bracket



14⁹⁵ Pair

Now you can easily install Minimus-7 speakers in any vehicle. Adjustable. 40-2031 Pair 14.95

6x9" 2-Way Auto Speakers

24⁹⁵ Each

Great Sounding **NEW FOR '82**



Coaxial design for more detailed sound. 10-oz. woofer magnet. 3" tweeter. Handles 30-watts. 8 ohms. 40-1355 24.95

6x9" 3-Way Auto Speaker

29⁹⁵ Each

High Performance **NEW FOR '82**



Detailed full-range response: tight bass, smooth midrange, clean highs. 10-oz. magnet woofer, 3" midrange, and 1/2" tweeter. 30 watts. 8 ohms. 40-1356 29.95

Woofer & Tweeter Save 11%

24⁰⁰ Set **NEW FOR '82**

- Long-Throw 5 1/2" Woofer
 - Piezo Tweeter
- 45-20,000 Hz sound! No crossover required, easy parallel hookup. Handles 50 watts. 40-1382/1009 24.00

Reg. Separate Items 26.90

4x10" 2-Way System

24⁹⁵ Each

Wide-range response of 80-18,000 Hz. 9.12-oz. woofer magnet. Handles 25 watts. 8 ohms. 40-1295 24.95



4x10" Speakers

Low **8⁵⁹** As **8^{Each}**

Dual-cone, full-range design. Ceramic magnets.

10-Oz. Magnet, 30 watts. 8 ohms. 40-1297 12.95
5-Oz. Magnet, 10W. 4 8/16 ohms. 40-1243 8.59



6x9" Speakers

Low **6⁹⁵** As **6^{Each}**

30-Watt. Foam-surround cone plus whizzer. 10-oz. mag. 8 ohms. 40-1260 16.95
10-Watt, 8 ohms. 40-1268 9.99
Budget, 8 ohms. 40-1269 6.95



5x8" Oval Speaker

9⁹⁵ Each

Built-in cloth cover protects cone, keeps out foreign material. 3-ounce ceramic magnet. Handles 8 watts. 8 ohms. 40-1002 9.95



5x7" Replacement Speaker

7⁹⁹ Each

3-oz. ceramic magnet. Handles 10 watts. 4 8/16 ohms. 40-1261 7.99



4x6" Speaker

6⁹⁵ Each

Wide-range sound. Handles 10 watts. 5.3-oz. ceramic magnet. 8 ohms. 40-1298 6.95



5 1/4" Speaker

5⁹⁹ Each

Perfect for many car door panels. 5.3-oz. ceramic magnet. Handles 8 watts. 8 ohms. 40-1241 5.99



5" Full-Range Speakers

Low **5⁷⁹** As **5^{Each}**

9.8-oz. Magnet. 20W. 8 ohms. 40-1284 9.95
5.3-oz. Magnet. 10W. 8 ohms. 40-1909 6.95
2.8-oz. Magnet. 5W. 8 ohms. 40-1240 5.79



3 1/2" Replacement Speaker

5⁹⁹ Each

Includes protective grille fabric, 2.8-oz. ceramic magnet. Handles 4 watts. 8 ohms. 40-1333 5.99



Speaker Adapters

10⁹⁵ Pair

Adapts 4x10" openings for 6x9" car speakers. Installs in minutes. Molded adapters, mounting hardware. 40-1330 Pair 10.95



Acoustic Foam Baffles

6⁵⁹ Pair **9⁹⁵** Pair

Protects speakers from moisture and dust. Install in minutes. Improves sound. **NEW FOR '82**
A 5 1/4" 40-1328 Pair 6.59
B 6x9" 40-1329 Pair 9.95



Speaker Grilles



Fig	Description	Cat. No.	Each
A	5" molded	40-1291	1.99
B	5 1/4" grille	40-1290	3.59
C	6x9" chrome	40-1174	3.79
D	6x9" rear deck	40-1337	2.99
E	6x9" woodgrain	40-1334	4.59
F	4x10" grille	40-1338	3.99

Mono Fader

2⁶⁹

Easily balance front and rear speakers. 40-550 2.69



Hi-Power Fader

6⁹⁹ Stereo

Front to rear balance for speaker pairs up to 50 watts. 270-048 6.99



Selector/Fader

5⁹⁹

Select stereo radio or tape. Front-to-rear balance control. 270-046 5.99



Speaker Switch

2⁶⁹

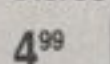
Select front, rear or both. 40-540 2.69



Stereo Fader

4⁹⁹

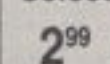
Balance stereo speaker pairs. 270-047 4.99



Selector Switch

2⁹⁹

Select stereo tape or radio. 270-045 2.99



Underdash Stereo Tape Players Are Easy to Install

Compact AM/FM Stereo Cassette



99⁹⁵ NEW FOR '82

- Space-Saving "DIN" Size
- Only 4½" Deep
- End-of-Tape Auto-Stop

Styled to fit neatly under the dash of most foreign and domestic cars. Radio features stereo mono switch for best FM reception. Lighted tuning dial. Player features convenient locking fast-forward manual eject pushbutton and end-of-tape Auto-Stop in play mode with LED indicator. 8-watt stereo amplifier. 1¾x6½x4½" 12-1893 99.95

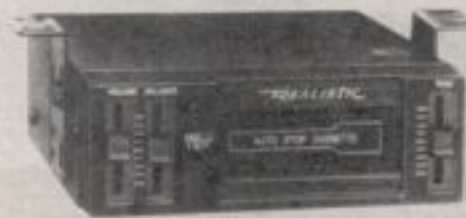
High-Power Stereo Cassette Player



99⁹⁵ • 24 Watts — 12 Watts Per Channel
• Separate Bass, Treble Controls

24 watts of pure power to delight any listener. Hear wide dynamic range and low distortion — even at high listening levels. Loudness button improves bass at low volume. Auto-Eject in all modes. Locking fast-forward and rewind, slide-action volume and balance. End-of-tape shut-off and electronic manual eject. ¼" stereo headphone jack. 1¾x6½x7" 12-1809 99.95

Not for use with power boosters, equalizer boosters or some speaker switches



Budget-Priced Stereo Cassette Tape Player

NEW FOR '82 **39⁹⁵**

Compact in size and in price. Features Auto-Stop in play mode, locking fast-forward, pushbutton eject, slide-action controls for volume, tone and balance. 8-watt stereo amplifier. 1½x5¼x3¾" 12-1807 39.95

Cassette With Auto-Reverse

79⁹⁵ NEW FOR '82



Great sound and convenience. Plays both sides of tape automatically. Locking fast-forward and rewind, manual eject. Slide volume, balance and tone controls. 8-watt stereo amplifier. 1¾x5¼x6¾" 12-1808 79.95

Cassette with Auto-Search Feature

69⁹⁵ *Automatically Finds Musical Selections*



Automatic Search Music System senses the "silence" between musical selections during fast-forward and rewind. You can advance the tape to the start of a selection — or replay a selection — with the touch of one button! Has Auto-Search selector and LED indicator, pushbutton fast-forward, rewind and eject. Slide-action volume, tone and balance controls. End-of-tape Auto-Stop. 8-watt stereo amplifier. 1¾x6½x5½" 12-1805 69.95

"Super-Mini" Cassette Fits Anywhere

59⁹⁵ *Our Smallest — Just 1¾x5¼x5¼"*



Fine sound that mounts underdash — or in glovebox or center console — in sports cars, subcompacts and other vehicles. End-of-tape Auto-Stop with LED indicator, pushbutton eject, locking fast-forward. 8-watt stereo amplifier. 12-1803 59.95

Bargain-Priced Space-Saving 8-Track Player

39⁹⁵



Smart-looking player neatly fits under dash in subcompact cars. Slide-action volume, balance and tone controls. LED program indicators. 8-watt stereo amplifier. Just 2½x4¼x6¾" 12-1800 39.95

NOTE: All Realistic tape players include mounting hardware, wiring harness with inline fuse and holder, speaker cable and complete instructions. All for 12VDC negative ground only.

40-Watt Booster/Equalizers - Concert Hall Sound To Go



7 Bands, Fader Control

79⁹⁵ 10-Level LED Power Meter
On Left and Right Channel

Our best! Dramatically improves dynamic range and tone — fill even a motorhome with great sound. Only 1% total harmonic distortion at 30 watts. Slide-action controls boost and cut by up to 12 dB at 60, 150, 400, 1000, 2400, 6000 and 15,000 Hz. Front/rear fader. 2x5½x6"

12-1862 79.95



5 Bands, Fader Control

69⁹⁵ Only 1¼" High — Fits
Under Any Dash **NEW FOR '81**

Boost the power and improve the sound of your present system with five bands of ± 12 dB slide-action control at 60, 250, 1000, 3500 and 12,000 Hz. Front/rear fader balances 4-speaker systems. Only 1% total harmonic distortion at 30 watts. 1¼x5½x6½" 12-1864 69.95



5 Bands, Bargain Priced

49⁹⁵ Perfect for Systems
Using Only Two Speakers

Power plus the versatility to boost or cut response by up to 12 dB at 60, 250, 1000, 3500 and 10,000 Hz for sound just the way you want it. Low 1% total harmonic distortion at 30 watts. Convenient slide-action controls. 2x5¼x6" 12-1863 49.95



**Power Booster
For Big Sound
At Little Cost**

27⁹⁵

Only 1¼x4¼x6½"

Improve dynamic range and sound so you can hear your music over road and engine noise. Great addition to your car's stereo system. Only 1% THD at 30 watts. 12-1860 27.95

**Adapter - Play Your
Cassettes On
Any Track**

34⁹⁵

Easy Plug-in Installation



Available
Sept. 30, 1981 **NEW FOR '81**

Simply insert like a cartridge to adapt any car or home 8-track player for cassettes. Locking fast-forward, pushbutton eject. 1¼x4¼x9¾" 12-1875 34.95



**Universal AM/FM Radio
Fits In or Under Dash**

47⁹⁵ **NEW FOR '81**

- Dual-Polarity 12VDC Pos. or Neg. Gnd.
- Lighted Dial • Tone Switch

"DIN" size — fits most cars or trucks. Built-in oval speaker; external-speaker jack. Local DX switch. 1¼x6¼x4¾" 12-1353 47.95

**AM Radio Mounts
In or Under Dash**

Built-in
4" Speaker **27⁹⁵**



Fits in the dash of many cars and trucks — under dash of almost all — at about a third the price of "factory" AM radios. Hi Lo tone switch, lighted dial. 1¼x5½x6¾" 12VDC neg. gnd. only. 12-1352 27.95



**Boost FM/FM Stereo
In Weak
Signal Areas**

19⁹⁵

Booster has 6 dB amplification to bring in more stations clearly on your FM radio. Dual-polarity 12VDC pos. or neg. gnd. 1x3½x2¾" Easy installation. 12-1873 19.95

**"Super Small" FM Converter
24⁹⁵**

Plug-in Connections —
Uses Existing AM Antenna

Add FM to your AM car radio with no rewiring. Simple, plug-in under dash installation. 1¼x4x5¼" 12VDC neg. gnd. only. 12-1350 24.95



NOTE: Boosters rated at total watts rms output, both channels. Boosters and tape players for 12VDC neg. gnd. only, except where pos. gnd. noted. All include mtg. hardware. CAUTION: Not for "common ground" (3-wire) speaker hookups or high-power car stereos 12-1809 1886 1887 1888 1894.

Top-Performing Radio/Cassettes That Mount In-Dash



Hi-Power! Pushbutton AM/FM Stereo Cassette With Auto-Eject**

NEW FOR '82

199⁹⁵

Available Sept. 30, 1981

Spectacular 15 watts per channel for greater dynamic range and "home-quality" sound. You'll be proud of its impressive styling, too! Pushbuttons preset your five favorite stations — eliminates constantly tuning up and down the dial. Auto-Eject at end of tape or when ignition is turned off. Stereo/mono button for best FM reception. Loudness button boosts bass at low listening levels. Shafts adjust to five positions. Size: 2³/₁₆"x7¹/₁₆"x5¹/₁₆"

12-1894 199.95

- 30 Watts Total Output • Five Pushbuttons Pre-Set Any 5 Stations
- Separate Bass and Treble Controls • Locking Fast-Forward and Rewind



Pushbutton AM/FM Stereo Cassette Player With Auto-Stop*

NEW FOR '82

119⁹⁵

Pushbutton convenience and great stereo sound! Chromed pushbuttons give you instant selection of five stations. Lighted radio dial in cassette door. End-of-tape Auto-Stop in all modes. Stereo/mono selector provides best reception on distant or weak FM stations. "DIN" size allows easy in-dash mounting in most foreign or domestic vehicles. Control shafts adjust 5¹/₁₆" to 6¹/₁₆". Size: 1³/₁₆"x7¹/₁₆"x4¹/₁₆".

12-1896 119.95

- 8 Watts Total Output • FM Stereo and Tape Mode Indicators
- Combination Locking Fast-Forward and Eject Control

Our Lowest-Priced AM/FM Stereo Cassette Player*



79⁹⁵ • 8 Watts Total Output • Auto-Stop
• Lighted Radio Dial in Cassette Door

Now in-dash stereo at a price well below the cost of "factory-installed." Player starts when cassette is inserted and stops automatically at end of tape. Rotary volume, tone, balance and tuning controls. Pushbutton for locking fast-forward and eject. AM/FM and stereo/mono switches. Shafts adjust 5¹/₁₆" to 6¹/₁₆". Size: 1³/₁₆"x7x4¹/₁₆".

12-1880 79.95

AM/FM Stereo Cassette for Imports And GM X-Body Cars**

- 8 Watts Total Output
- Tape and FM Stereo LED Indicators

99⁹⁵

Everything's included for mounting vertically or horizontally in Citation, Omega, Skylark, Phoenix and almost all imports. See note below.**



Versatile mounting, great-sounding stereo and loaded with features! Lighted radio dial, stereo/mono button, locking fast-forward and eject, play-mode Auto-Stop. Shafts adjust 4¹/₁₆" to 5¹/₁₆". Size: 2¹/₁₆"x6³/₁₆"x4¹/₁₆".

12-1892 99.95

IMPORTANT: *Mounts in-dash of most imported and domestic mid or full-size cars. **Mounts in-dash of most imported and domestic subcompact cars (except Honda CVCC). Some dash modifications may be required. Visit Radio Shack for data on specific car models. NOTE: All players include speaker cable, mounting hardware, instructions, trim plates for a professional-looking fit. 12VDC neg. gnd. only. CAUTION: Do NOT use high-power player (#12-1894) with power boosters, equalizer-boosters, or common-ground (3-wire) speaker wiring or switches.

Radio Tape/Players That Mount In or Under Dash

High-Power AM/FM Stereo Cassette Player**

169⁹⁵

NEW FOR '81

Powerful 12-watt per channel low distortion amplifier for stunningly accurate music reproduction that lets you hear every note. Rotary volume, balance, and tuning controls. Loudness control boosts bass response when listening at low volume. Stereo/mono button for best FM reception. Tape and FM stereo indicators, lighted radio dial, and eject button. "DIN" size fits most cars. Shafts adjust to five positions. Size: 1 $\frac{1}{4}$ "x7"x5 $\frac{1}{8}$ ". 12-1888 . . . 169.95



- 24 Watts Total Output • End-of-Tape Auto-Stop Operates in All Modes
- Separate Bass and Treble Controls • Locking Fast-Forward and Rewind

AM/FM Stereo Cassette With LED Station Frequency/Time Display*

- 14 Watts Total Output
- Electronic Auto-Eject
- Tape/FM Stereo Indicators

179⁹⁵

Dynamite sound and accurate quartz-referenced time — a great combo for your car! Locking fast-forward and rewind to find tape selections quickly. Cassette ejects automatically at end of tape in all modes, or when ignition switch is turned off, plus electronic manual eject. You can even dim the display for night driving. Shafts adjust 5 $\frac{1}{8}$ " to 6 $\frac{1}{8}$ ". Size: 1 $\frac{3}{4}$ "x7"x5 $\frac{1}{8}$ ". 12-1889 . . . 179.95



Built-in quartz clock displays time when you listen to cassette tapes or displays station frequency when you listen to the radio!



AM/FM Stereo 8-Track Tape Player*

- 8 Watts Total Output • Tone Control
- Radio Tuning Dial in Cartridge Door

89⁹⁵

This low-cost player lets you enjoy your favorite 8-track tapes, plus AM and FM stereo radio. Great sound and lots of features. Convenient pushbutton controls for loudness, stereo/mono, AM/FM, and radio/tape. "DIN" size fits most cars. Adjustable shafts. Size: 1 $\frac{3}{4}$ "x6 $\frac{1}{4}$ "x4 $\frac{1}{4}$ ". 12-1895 . . . 89.95



AM/FM Stereo Cassette With Auto-Reverse*

- 8 Watts Total Output • "DIN"-Size
- Automatically Reverses at End Of Cassette and Plays Other Side

129⁹⁵

Available Nov. 15, 1981

Auto-reverse system gives you uninterrupted cassette music. Locking fast-forward and rewind, manual eject, rotary volume, tone and balance, FM stereo indicator, stereo/mono FM switch. Adjustable shafts for in or underdash mounting. Size: 1 $\frac{3}{4}$ "x4 $\frac{1}{4}$ "x6 $\frac{1}{8}$ ". 12-1898 . . . 129.95



IMPORTANT: *Mounts in-dash of most domestic mid or full-size cars. **Mounts in-dash of most imported and domestic subcompact cars (except Honda CVCC). Some dash modification may be necessary. NOTE: All players include speaker cable, mounting hardware, instructions, plus trim plates and nosepieces for a professional-looking fit, in or underdash. 12VDC neg. grd. only. CAUTION: Do NOT use high-power player (#12-1888) with power boosters, equalizer boosters, or common-ground (3-wire) speaker wiring or switches.

Micronta Radar Detectors Let You Know What's Ahead



Long-Range Superhet
— Our Best!

NEW FOR '82

The Electronic
"Sixth Sense"

Low Priced Detector

199⁹⁵

- Superhet Circuit Reduces "Falsing," Improves Sensitivity
- Selectable Buzzer And/Or Warning Light

Micronta Road Patrol XK Superheterodyne. The finest detector we've ever offered! Picks up all bands and all types of radar, including pulse, moving and hand-held "gun" units. Razor-sharp selectivity virtually eliminates "falsing" from out-of-band signals. Adjustable sensitivity permits reception of weak signals—even around curves and over hills! Convenient windshield or dash mounting. 58" power cord fits lighter outlet of all 12VDC negative ground vehicles. Attractive, non-glare diecast aluminum housing. 2 $\frac{1}{2}$ x4 $\frac{1}{2}$ x5 $\frac{1}{2}$ ". With mounting bracket and self-sticking adhesive. 22-1603

199.95

Mounts Easily on Windshield
or Top Of Dashboard

99⁹⁵

Micronta Road Patrol XK. Spots moving and stationary "X" and "K" bands at extended range. Warning light and audible signal pulse to indicate your relative distance to radar. Automatic sensitivity provides peak operation at all times. Green LED power indicator. Plugs into cigarette lighter. 2 $\frac{1}{2}$ x3 $\frac{1}{2}$ x5 $\frac{1}{2}$ ". For 12VDC. With mounting bracket and self-sticking adhesive. 22-1601

99.95

Not offered where sale is prohibited by law. Use may be regulated by state or local law.

Auto Lighter Plugs and 12VDC Outlets



- A** 12V Outlet. Add to RV, van or boat to power portable radios, TV, accessories. 15A. 270-1537 3.99
- B** 10-Ft. Extension Cord. For powering accessories. Rated 8 amps. 270-1536 4.99
- C** Lighter Plug. Connects accessories easily. Fits standard lighter sockets. 8A. 274-331 1.09
- D** Lighter Plug With Cord. Same as above, plus 8-ft. 2-conductor 18-gauge cord. 8 amps. 270-021 1.99
- E** Accessory Outlet. Power 12VDC-operated equipment. In or underdash mtg. 270-1539 4.59
- F** 2-Outlet Y-Adapter. Power two 12VDC accessories from one lighter socket. 8 amps. 270-1535 4.99
- G** 3-Outlet Adapter. Powers three accessories. Can be permanently mounted. 270-1538 9.95

Automotive Connectors For Every Use

- A** 4-Conductor Quick-Disconnect Cable. For inter-connecting car stereos, boosters. 270-027 1.99
- B** 4-Ft. Polarized Fused DC Cable. Replacement for auto stereo, CB power cables. 270-025 1.99
- C** Quick-Disconnect Plugs. Polarized, heavy-duty contacts. 12" loop of wire, connectors. 270-026 99c
- D** 5-Pin Speaker/Power Plugs. Fits Realistic® and most other tape players. 274-1210 Pkg. of 2/79c
- E** 5-Pin Chassis-Mount Sockets. Mates with above plugs. 274-1212 Pkg. of 2/1.39
- F** 5-Pin Inline Socket With Leads. Mates with above, most speaker wiring harnesses. 274-1215 1.39



High-Intensity Strobe Light for Emergency Use

Get Help Fast
Day or Night

11⁹⁵

Omnidirectional flash 300 times brighter than flashlights! Weather sealed. 6" high, 2" dia. Requires 2 "C" batteries.

61-2644 11.95



Magnet Utility Light

Magnet Holds Light Under Hood, Trunk Or Auto Body

3⁹⁹

Ideal for night emergency repairs. Plugs into cigarette lighter. 12-ft. retractable cord. 12VDC. 61-2502 3.99



Flexible Auto Map Light

Plugs Into Cigarette Lighter 3⁹⁹

Sheds light where you need it most! Compact—store in glove box. Flexible 5' long neck, on/off switch. 61-2501 3.99



Get Better Sound With Shack® Car Radio Accessories

Antennas For Compact And Foreign Cars

- A** **One-Piece Mini.** For cars with narrow fenders. Requires only 3/4" mounting hole. 31" stainless steel mast, 54" lead-in. Ideal for FM stereo. 12-1322 6.99
- B** **Universal Pillar Mount.** Three-section mast extends from 19 1/4" to 51". 66" lead-in. Mounting hole spacing from 2 1/2" to 18". Fits all Japanese cars (except Honda). 12-1320 6.99

NEW FOR '92

Fits Where Space is a Problem

Antennas For Better Reception

- C** **Heavy-Duty RV Van/Pickup Antenna.** Mounts on fender, roof, side panel. Three-section stainless steel mast extends from 25" to 60". Chromed swivel base, tapered shock spring. 84" cable. 12-1319 14.49
- D** **Heavy-Duty, 4-Section Mast.** Extends from 16 1/4" to 57". Chrome-plated brass. Top cowl, fender mount. 54" cable. 12-1302 7.69
- E** **Universal "8 Ball" Top cowl or fender mount.** Three sections extend from 21 1/4" to 55". Stainless steel. Adjusts up to 35°. 12-1306 5.39
- F** **Stainless Steel Spring.** Swivel ball mount for top cowl or fender. Three sections extend from 25 1/4" to 55". Adjusts a full 90°. With 48" low-loss cable. 12-1307 7.99
- G** **Ford Antenna.** For Ford cars, '67-'81, with 4-screw hole mounting. One-piece stainless steel 31" mast, 72" cable. 12-1305 8.99

Fender and Cowl Mounting for All Types of Vehicles

Replacement Mast & Antenna

- H** **Mast.** Fits over "stub" of broken antenna. 31" long, stainless steel, ideal for FM stereo. With locking screws. 12-1316 4.99
- I** **Antenna.** One-piece 31" stainless steel, for top cowl or fender mounting. Perfect for FM stereo. 48" cable included. 12-1329 8.99

Enjoy Better FM Reception

Cables & 3-Way Connector

- J** **12-Ft. In-line Extension.** Built-in capacitor. 12-1311 3.99
- K** **24" In-line Extension.** Male connector at one end, female at other. 12-1312 1.49
- L** **24" Male/Male Extension Cable.** 12-1314 1.49
- M** **Universal 3-Way Connector.** Couples two antennas to one radio or one antenna to two radios. 12-1313 1.99

Mounting Brackets For Tape Players

- A** **Floor Mount.** Two-piece slide-on/slide-off mount with electrical connectors that let you remove player instantly for safe-keeping. Color-coded leads. 18-gauge heavy-duty steel. 270-018 8.95
- B** **Underdash Mount.** Same features as floor mount but designed to fit under dash. 270-016 8.95
- C** **Universal L-Brackets.** Fit most vehicles and equipment. Mounting hardware included. 270-022 Pair/2.49

Car Stereo Cable Sets

- A** **Cable Assembly.** Five-pin plug, with power leads, four 18-ft. color-coded speaker leads. Fused. 270-014 5.49
- B** **Universal.** Fits 4 or 5-pin sockets. Fused. 270-017 2.39
- C** **Standard.** Five-pin fused plug. 270-041 1.89

For Easy Hook-Up In Any Vehicle

DC Auto Adapter Kit Reduces 12 Volts to 6 or 9 Volts

- A** **DC Auto Adapter Kit.** Reduces 12 volts to 6 or 9 volts. Includes four different types of output plugs. 270-1561 8.95
- Power portable equipment from your car, truck, RV or boat. Four different plugs fit almost all equipment having a DC power input jack. 6.9V switch, reversible output polarity. Delivers up to 300 mA current. Fused. 6-ft. cord plugs into lighter socket. 12VDC negative ground only.

Radio Noise Filters

- A** **Deluxe Filter.** Two L-C sections. Very effective against ignition/alternator noise in stereos or CB. Rated 5 amps. 270-050 11.95
- B** **Noise Eliminator Kits.** Each includes filter choke, capacitor and instructions. Standard. 270-020 3.29 Heavy-Duty. 270-030 4.39

Low As 3.29

SPST Auto Panel Switches

- A** **Dual Switch Panel.** Two switches rated 10 amps at 12VDC. Includes two 12V long-life lamps. Complete with mounting hardware. 275-707 4.99
- B** **Lighted 12VDC Rocker Switch Panel.** Rated 20 amps at 12VDC. Long-life lamp. Quick-disconnect terminals. Mounting hardware. 275-704 3.99
- C** **Switch With Pilot Light.** Single 5-amp switch with 12VDC lamp assembly and red lens. Mounting hardware. 275-703 2.99
- D** **Double Under-Dash Type.** Two separate toggle switches for auto circuits. Rated 5 amps at 12VDC. With hardware. 275-702 2.79

NEW FOR '92

Noise Suppressors

- A** **Inductive Suppressors.** Stops "popping" noise in AM, FM, CB. Installs on spark plugs. 270-052 Pkg. 2/2.79
- B** **Resistive Type.** Reduce spark plug noise. Installs in distributor. 270-012 99c
- C** **Capacitive Noise Filter.** Installs inline, suppresses electrical noise. Rated 0.5µF, 40 amos, 60WVDC. 272-1085 4.19

With Realistic® Mobile CB You Never Drive "Alone"

Budget-Priced Compact



NEW LOWER PRICE **69⁹⁵** Was \$79.95 In 1981 Catalog

Realistic TRC-410. Ultra-compact, yet has hysteresis-type squelch to cut signal "chopping," big LED channel display, LED received-signal/RF power meter, ANL (automatic noise limiter), ceramic filters to cut adjacent channel interference. With lock-plug mike, mtg. hardware. 21-1504 **69.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adj. Chan. Rej.: 60 dB at 10 kHz. RF Output: 4W max. Size: 1 1/2"x5 1/4"x7 1/4"

Deluxe Compact with PA



• Big Signal/RF Power Meter • Bright LED Channel Readout **99⁹⁵**

Realistic TRC-421A. Has hysteresis squelch, LED modulation indicator, crystal and ceramic filters, switched ANL. Add a PA speaker (page 52) for use as a public address system. With lock-plug mike, mtg. hardware. 21-1502 **99.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adj. Chan. Rej.: 80 dB at 10 kHz. Audio Output: 5.5W max. RF Output: 4W max. Size: 1 1/2"x5 1/4"x9 1/4"

With Channel 9 and 19 Priority



• Will Monitor CB While You Use PA Mode • Lighted S/RF Meter • Switched ANL **119⁹⁵**

Realistic TRC-422A. Ideal for travelers! Priority switch for instant access to Emergency Channel 9 and Highway Info Channel 19. Big LED channel readout, LED modulation indicator, hysteresis squelch, crystal and ceramic filters for top selectivity, jacks for optional external CB and PA speakers. With lock-plug mike, all mounting hardware. 21-1503 **119.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adj. Chan. Rej.: 80 dB at 10 kHz. Audio Output: 5.5W max. RF Output: 4W max. Size: 2 1/2"x5 1/4"x9 1/4"

Channel 9 Priority and Tone Control



• LED Indicator Warns of Antenna Shorts, Mismatch • RF Gain Control Prevents Strong-Signal Overload **139⁹⁵**

Realistic TRC-427. Priority switch takes you to Emergency Channel 9 instantly. Has large LED channel readout, LED modulation indicator, S/RF power meter, switched ANL, hysteresis squelch, tone control, switch for monitoring CB while using PA. With locking-plug mike, mtg. hardware. 21-1534 **139.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adj. Chan. Rej.: 65 dB at 10 kHz. Audio Output: 5W max. RF Output: 4W max. Size: 2 1/2"x5 1/4"x8 1/4"

With Unique "Nine-Scan" Circuit and Built-In SWR Meter



Only **159⁹⁵** • RF Gain and Tone Controls • Dual Noise Reduction • LED Channel Display • LED Modulation Indicator

Realistic TRC-428. Sensational features at a low price! "Nine-Scan" monitors Emergency Channel 9 and any other channel you select. System locks in first signal received on either channel and resumes scanning when the transmission ends—it's like having two receivers! Can be switched out for normal CB use and 3-way control also gives you instant access to Channel 9. Other features include a switch for using built-in speaker, optional external speaker or both, a PA/CB/Monitor switch for monitoring CB while using PA, S/RF meter with SWR scale for adjusting your antenna for best performance. With lock-plug mike and mounting hardware. 21-1535 **159.95**

Sensitivity for 10 dB S + N/N: 0.5 microvolt. Adj. Chan. Rej.: 80 dB at 10 kHz. Audio Output: 7W max. RF Power Output: 4W max. Size: 2 1/2"x6 1/4"x8 1/4"

Radio Shack® for CB Radios With Something Extra

High-Performance AM + SSB Mobile

Deluxe AM + SSB Base Goes Mobile, Too



NEW LOWER PRICE **199⁹⁵** \$219.95 In 1981 Catalog

- Switchable Noise Blanker
- Illuminated Signal RF Meter
- RF Gain Control

Realistic TRC-451. You'll appreciate the greater range, cleaner signals and 80 "extra" channels you get with SSB (single sideband) CB. Deluxe rig has dual IF stages and crystal filters to reject adjacent channel interference, dimmer control for night driving, switch for PA operation and simultaneous CB monitoring. With dynamic mike, mtg. hardware. 21-1565 **199.95**

Sensitivity for 10 dB S+N+N: SSB, 0.25 microvolt, AM, 0.5 microvolt. Adj. Chan. Rej.: 70 dB at 10 kHz. RF Output: SSB, 12W P.E.P. max, AM, 4W max. Size: 2 1/4"x7 1/4"x9"



NEW LOWER PRICE

299⁹⁵ \$359.95 In 1981 Catalog

- PA With CB Monitoring
- Switched ANL/Noise Blanker
- Instant Access to Channel 9

Realistic TRC-490. Go "sideband" with this versatile rig that operates as a base station or a mobile! Has PLL circuitry for rock-stable performance, crystal filters to cut adjacent channel interference, lighted S RF meter, big LED channel display, RF gain control, jacks for optional headphone, remote CB speaker, mobile PA speaker. With mike, mobile mounting hardware. 21-1583 **299.95**

Sensitivity for 10 dB S+N+N: SSB, 0.25 microvolt, AM, 0.5 microvolt. Adj. Chan. Rej.: 70 dB at 10 kHz. RF Output: SSB, 12W P.E.P. max, AM, 4W max. Power Requirement: U.L. listed AC operation or 12VDC. Size: 4x11 1/2"x13 1/2"

In-Dash CB With Cassette And AM/FM Stereo Radio



- ANL to Reduce Noise
- Lighted Meter for Easy Viewing

299⁹⁵

Realistic TRC-472. Complete mobile entertainment and communication center! CB gives you convenient one-hand operation — the LED channel display, channel selector and squelch control are built into the mike! Radio has LED FM stereo indicator, LO/DX switch for best FM reception. Cassette has pushbutton fast-forward/eject control. With two styles of knobs, in-dash hardware. 21-1593 **299.95**

CB Sensitivity for 10 dB S+N+N: 0.5 microvolt. Adj. Chan. Rej.: 80 dB at 10 kHz. RF Output: 4W max. Audio Output: 5W per channel. Size: 3x7 1/4"x5 1/2"

One-Hander* Puts CB in The Palm of Your Hand!

179⁹⁵

All Controls In Handset!



- Speaker Mike
- Channel Selector With LED Display
- Volume On-Off
- Variable Squelch
- S RF Meter

U.S. Pat. No. 4,032,844

Compact CB Unit Can Be Installed Out of Sight



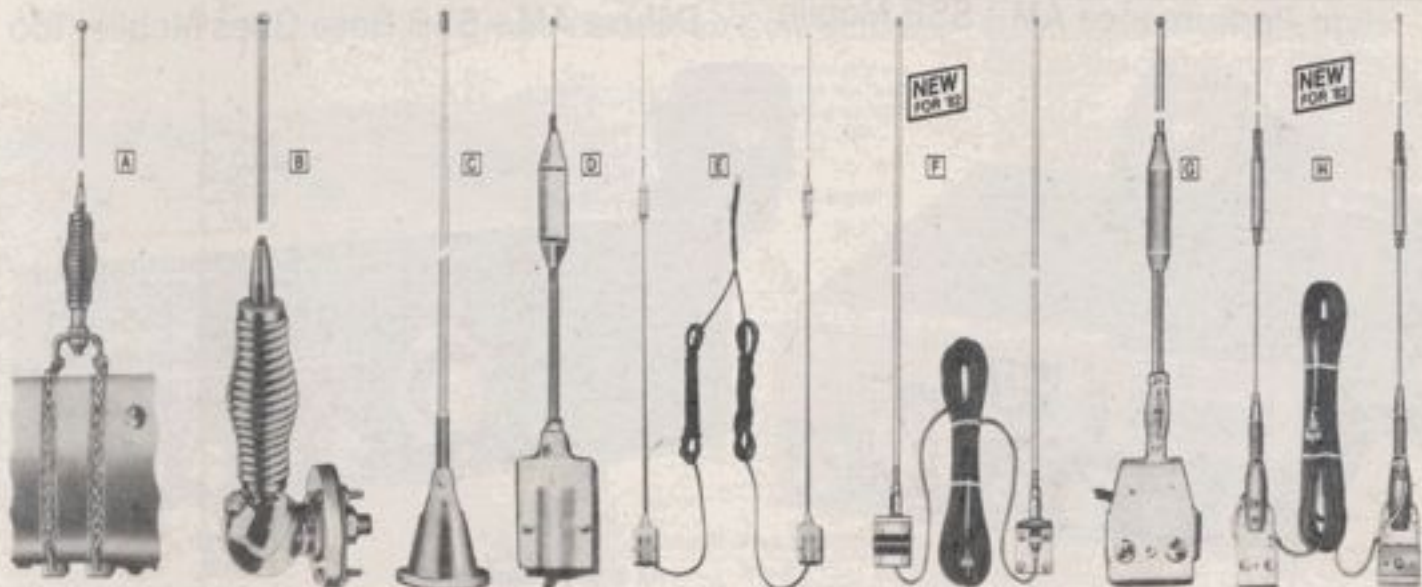
Realistic TRC-462. More convenient and safer for drivers to use — the controls are on the mike! The CB unit is easy to hide away in glovebox, under dash or seat. Has fast electronic up/down channel selection and instant channel 9 access, jack for using an optional external speaker. With mounting hardware. 21-1528 **179.95**

Sensitivity for 10 dB S+N+N: 0.5 microvolt. Adj. Chan. Rej.: 80 dB at 10 kHz. RF Output: 4W max. Audio Output: 4W at less than 10% THD. Size: 1 1/2"x5 1/4"x7"

SEE RADIO SHACK'S COMPLETE LINE OF CB ANTENNAS AND ACCESSORIES

www.RadioShackCatalogs.com

Archer® Mobile Antennas Add Mileage to CB Signals



A 102" Bumper-Mount Stainless-Steel Whip Antenna. Full length for maximum range. Adjustable dual chains and bracket fit many bumpers. Chrome-plated shock spring. With all mounting hardware. Less cable and connector. 21-915 25.95

B 102" Stainless-Steel Whip Body Mount Antenna. Mounts on any flat surface with universal swivel ball mount, insulator and heavy back-up plate. Whip is precipitation-hardened and offers long-lasting efficiency and strength. Triple-chrome-plated heavy-gauge steel shock spring. Lug terminal connections. Less cable. Overall length, 106" 21-1094 21.95

C 102" Fiberglass-Whip Marine Antenna. "Lay-down" feature for horizontal or vertical mounting on metallic or non-metallic surfaces — no ground plane needed. With all hardware, 16' cable. 21-912 36.95

D Single Truckers-II Antenna. Heavy-duty mirror mount, oversize resonators, adjustable tip rod for tuning. With 10' coax cable, connector. 21-941 24.95

E Twin Truckers-II Dual Antenna. Matched pair of antennas for strong front/rear signal pattern. Stainless-steel, adjustable tip rods, oversize mounts. With 18' dual-phasing coax harness. 21-942 44.95

F Fiberglass Twin Truckers. 4-ft. whips resist corrosion, provide improved front/rear performance. Mirror mounts. 18' dual-phasing coax harness. 21-945 44.95

G Gutter Clamp Antenna. Center-loaded, stainless-steel spring and adjustable whip, chrome-plated support tube. 10' coax cable. 21-909 19.95

H Twin Fold-Down Gutter Mount Antennas. 26" high stainless-steel whips and shock springs, adjustable tip rods. Fold down for overhead clearance. Provides excellent front and rear performance. With dual phasing coax harness. 21-946 44.95

Radio Shack Has Everything You Need in Quality CB Accessories



A Mike Clip. Mount with screws or insta-mount adhesive. 21-923 1.29

B Magnetic Mike Holder. No holes to drill, no hardware needed. 21-1130 1.59

C Dynamic Mike. Shielded coiled cord, DIN-type plug. 21-1172 14.95

D Noise-Cancelling Mike With Preamp. Preamp assures 100% modulation, works as dynamic mike without battery. LED battery test button. Requires 7V battery below. 21-1175 26.95

E 7V Battery. 23-601 4.39

F 12VDC Replacement Power Cord. 48" long with 3-pin plug, inline fuse holder. Requires 2-amp fuse. 21-550 3.29

G Underdash Mount. Female half attaches to CB, slides on or off male bracket mounted under dash. 21-566 11.95

H Extra Mount for above. Use same CB in two vehicles. 21-567 5.49

I Floor Mount. Same removal-insertion features as underdash mount, but designed for transmission hump. 21-568 12.95

J Portable Hump Mount. Attach CB to mount, position on carpeted transmission hump with quick-release hook. 21-540 16.95

K CB/Scanner Extension Speaker. 360° swivel base installs on dash, cab roof, wall, ceiling. 4" speaker. Handles 5 watts. 10' cable, mini-plug. 8 ohms. 21-549 13.95

L Heavy-Duty Noise Filter. Cuts ignition and alternator noise. Easy installation. Rated 5 amps. 270-050 11.95

M Radio Noise Filter. Cuts alternator or generator whine. 21-509 8.49

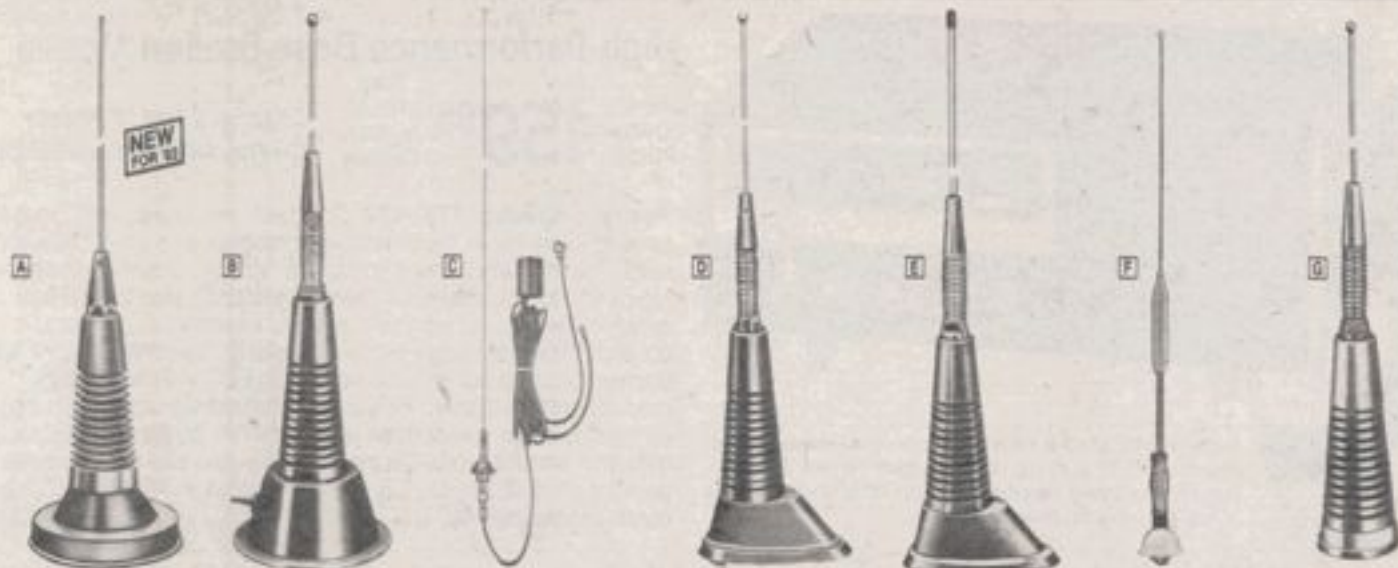
N Stainless Steel Replacement Whip. With adapter. For 21-904, 906, 940 antennas. 21-952 5.95

O Fiberglass Replacement Whip. With adapter. For 21-925, 926 antennas. 21-953 6.95

P Snap-in Roof Mount. Replacement for base-loaded antennas. Also mounts on cowl, fender, trunk. Req. 3/8" hole. 21-914 6.95

Q Replacement Small Spring. Heavy-duty stainless steel. 21-916 5.29

CB Antennas! Made in the USA in Our Own Factories!



A Deluxe Magnet-Mount Antenna. Low-loss coil form, heavy-gauge copper wire coil and longer 60" whip provide improved performance and greater range. Heavier magnet holds securely at all speeds. Mounts on any flat, magnetic surface—no holes to drill. With 16' coax cable, connector. **21-960 37.95**

B Base-Loaded Magnet-Mount Antenna. One of our most popular antennas! Mounts on any flat, magnetic surface. Hardened stainless-steel whip and heavy-duty stainless-steel shock spring for stability at highway speeds. Coil is sealed for added protection. 16' cable. **21-940 25.95**

C CB/FM/AM "Disguise" Antenna. Combined auto radio and mobile CB transmit/receive antenna mount in standard antenna hole, or wherever you choose. Uses passive coupler. Tapered stainless-steel whip. Improves radio performance over in-windshield antennas. With 8½' (approx.) coax cable, 3-way splitter, hardware. **21-990 29.95**

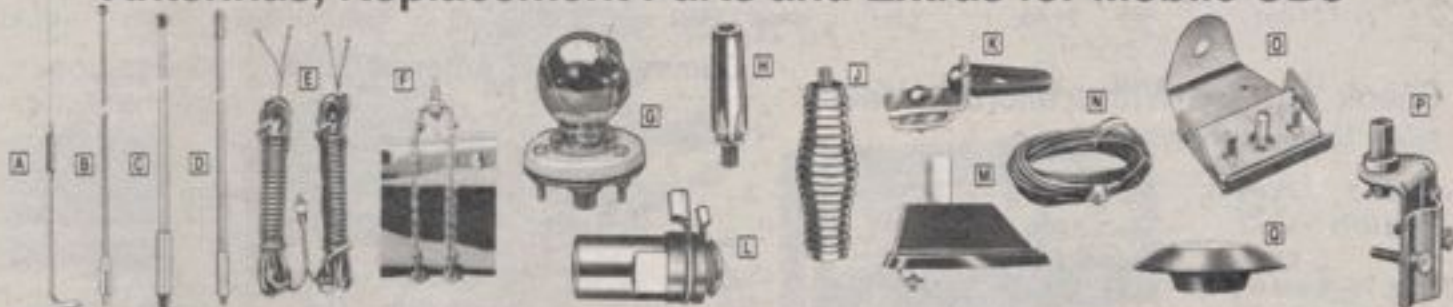
D No-Hole Trunk-Mount Antenna. Mounts on center or either side of trunk lid and secures with just two set-screws. Easy cable entry. Has base-loading coil and stainless-steel shock spring and whip. Provides excellent performance. With 16' coax cable, connector. **21-908 25.95**

E Fiberglass-Whip No-Hole Trunk Mount Antenna. Won't rust—perfect for coastal areas and other corrosive environments. Triple-chrome-plated brass top, bottom fittings on coil housing prevent corrosion. With 16' cable, connector. **21-926 27.95**

F "Shorty" Roof Mount Antenna. Easy snap-in mounting. Center-loaded coil, stainless-steel whip, shock spring, chrome-plated support tube. Adjustable tip rod. With 16' coax cable, connector. **21-906 22.95**

G Stainless-Steel Roof Mount Antenna. ¼" snap-in for easy installation, solderless connections. Whip adjusts for lowest SWR. 16' coax cable, connector. **21-904 24.95**

Antennas, Replacement Parts and Extras for Mobile CBs



A Back-of-Set Antenna. Right-angle design connects into coax socket on your CB rig. Stainless steel upper. Center-loaded. PL-259 connector. **21-921 8.95**

B 102" Stainless Steel Whip. Replacement antenna. Standard ¼"-24 stud. **21-903 10.95**

C 102" Fiberglass Whip Antenna. Similar to above. **21-905 12.95**

D 4' Fiberglass Whip. Top loaded to give better communication. ¼"-24 thread. **21-934 10.95**

E Co-Phase Harness. Connect 2 antennas to 1 transmitter. For Archer and other base loaded or whip antennas. **21-935 11.95**

F Dual-Chain Mount. Fits most bumpers. Protective vinyl chain cover. **21-910 12.95**

G Ball Mount. For vertical or horizontal mounting mobile CB whip antennas. Chrome-plated ball, lug terminals. **21-1115 7.95**

H Quick-Disconnect. Lets you remove antenna whip with a twist. Perfect for car washes or parking in low-ceilinged garages. ¼"-24 stud. **21-958 5.69**

I Steel Spring. Chrome-plated antenna spring. Removable ¼" threaded stud. **21-1118 7.95**

K Antenna Hold-Down Clip. Clips to gutter, keeps long whip antennas from causing or being damaged. **21-917 1.95**

L Mounting Hardware. Standard ¼"-24 female thread. Fits mounting plates up to ¼" thick. Nickel-plated. **21-950 3.99**

M No-Hole Trunk Mount. With ¼"-24 thread for whip mounting. **21-922 8.95**

N Mobile Cable Assemblies. 20' of RG58/U cable. **PL-259 Plug to Lugs. 278-966 6.39**

PL-259 Plug to Both Ends. 278-967 6.39

O Gutter Clamp. For most antennas requiring ¼" diameter hole. **21-911 4.59**

P Mirror/Luggage Rack Mounting Bracket. Accepts ¼"-24 threaded whip antennas. **21-937 6.95**

Q Hole Plugs. Cover ¼" antenna holes. May be inserted from outside car. **21-920 Pkg. 2 for 59¢**

Reach Out With a Shack® CB Base Station and Antenna



Sensitivity for 10 dB S + N: 0.5 microvolt. Adjacent Channel Rejection: 70 dB at 10 kHz. Audio Output: 5W max. RF Output: 4W max. Power Requirement: 120VAC or 12VDC, positive or neg. ground. Size: 3 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "

High-Performance Base Station/Mobile

NEW LOWER PRICE **159⁹⁵** Was \$179.95 In 1981 Catalog

- Channel 9 and 19 Priority
- On-The-Air/Modulation Lights

Realistic Navaho® TRC-432. Compact, yet packed with big features to keep you in touch with your mobiles and other base stations. Priority switch takes you to the "action" channels—and will return you to your previous channel, instantly. Has crystal and ceramic filters to cut adjacent channel interference, hysteresis squelch to prevent weak-signal "chopping," switched ANL/Noise blanker circuit to cut impulse noise, big LED channel display, modulation light, lighted RF power/received signal strength meter, up front speaker, headphone jack. Also has public address capability with simultaneous CB monitoring—just add a PA speaker. Jack for optional remote CB speaker, too. With AC and DC power cords, mobile bracket. U.L. listed. **21-1546** **159.95**

1/4-Wave Antenna

21⁹⁵

- Omnidirectional
- Beta-Matched for Low SWR on All 40 Channels

High performance, rugged construction! Three 108" radials and 108" quarter-wave vertical radiator. For masts up to 1" dia. Static discharge arrestor. Accepts standard PL-259 connector. **21-901** **21.95**

1/2-Wave Antenna

32⁹⁵

- 3.75 dB Gain
- Omnidirectional

Multiplies effective radiated power for greater transmit range and cleaner reception. Three 52" radials, 16-ft. five-section aluminum radiator. For masts up to 1 $\frac{1}{2}$ " dia. Accepts PL-259 plug. **21-902** **32.95**

5/8-Wave Antenna

44⁹⁵

- Low Radiation Angle For Greater Range
- Omnidirectional
- 4 dB Gain

The 19-ft., 10-in. vertical element boosts effective radiated power. For masts up to 1 $\frac{1}{2}$ " dia. Accepts PL-259 plug. **21-1133** **44.95**

Check Your CB With a Micronta® Meter

Power/Modulation/SWR

Covers 3 To 30 MHz **39⁹⁵**

Reads RF power 0-5W for CB, 0-50 and 0-500W for ham rigs. Modulation: 1 to 120%. SWR checks antenna. Jack for ear-phone monitoring. 3 $\frac{3}{4}$ "x8 $\frac{1}{4}$ "x4 $\frac{1}{2}$ " **21-522** ... **39.95**



In-Line Coupling Unit

Dummy Load



27⁹

Non-inductive 52 Ω load with PL-259 connector for CB, ham-QRP testing. 5W. **21-628** **2.79**

Antenna Tuner



Handles 500 Watts **10⁹⁵**

Matches base or mobile CBs to any 10 to 10,000-ohm antenna. **21-513** **10.95**

2-Position Antenna Switch



Handles 500 Watts

For CB or ham use. Change antennas without changing leads. **21-511** **7.49**



18⁹⁵

Covers 2 To 30 MHz

Field Strength/SWR

Installs in-line to read SWR (forward and reflected power) to 1 kW. Portable field-strength meter, too. Low loss, 1 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x2 $\frac{1}{2}$ " **21-525** ... **18.95**

Base Station Cable Assemblies

PL-259 Plugs At Each End

Low As **4²⁹**

Feet	Type	Cat. No.	Each
2	RG58/U	278-968	4.29
5	RG8/U	278-969	5.49
50	RG8/U	278-970	19.95
50	RG58/U	278-971	11.95
100	RG8/U	278-972	34.95

Regulated Power Supply

32⁹⁵

Use Your Mobile CB at Home, Too
13.8VDC at 2.5A continuous. Circuit-breaker. U.L. listed. 2 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x6 $\frac{1}{2}$ " **22-124** **32.95**

Save Time and Steps With a Wireless FM Intercom

FM Reduces Electrical Noise and Interference • No Installation, Just Plug In

Our Finest, Most Versatile System! 3 Stations, 2 Channels



- Fully Automatic Squelch Cuts Noise
- Phase-Locked Loop Circuit Keeps Stations On-Channel

129⁹⁵
Set of 3

Easy to install — just plug stations into AC outlets at desired locations, and talk! Two channels let you talk with either station without disturbing the other. Automatic squelch keeps stations silent until a message is received, and it never needs adjustment. Each station has touch-sensitive Call-Tone and Talk controls; Lock switch for hands-free talking or monitoring, volume control, channel selector, plus LED "talk" and "receive" indicators. 1¹/₂"x6¹/₂"x5¹/₂" each. U.L. listed. 43-214 Set of 3 129.95

3-Station, 2-Channel System With "Call-Tone" Signal

Use on a Desk,
Or Mount on Wall **99⁹⁵** Set of 3



Adjustable Squelch For Noise-Free Operation

A top value! Two-channel system lets you talk with either station without disturbing the other. Squelch control can be adjusted for quiet operation — even in "noisy" locations. Each station has a Talk-Bar with Lock position for hands-free talking or continuous monitoring. Call-Tone button to alert other stations, channel selector, volume control. Keyhole slots on rear permit wall mounting. 1¹/₂"x3¹/₂"x6¹/₂" each. U.L. listed. 43-217 Set of 3 99.95

Deluxe 2-Station System With Lighted Talk-Bar

- Lockable Talk-Bar
 - Adjustable Squelch
- 69⁹⁵** Pair

A real step-saver! Easy to use — just press Talk-Bar to speak, or Lock-Bar for hands-free talking and continuous monitoring. Lighted Talk-Bar doubles as a night light. Each station has volume control, Call-Tone button, adjustable squelch for silent operation until a message is received. Ideal for desktop. 1¹/₂"x6¹/₂"x4¹/₂" each. U.L. listed. 43-212 Pair 69.95



Big Value in a 2-Station System

49⁹⁵ Pair NEW FOR '92

- Compact — Ideal for Desk
- Can be Wall-Mounted, Too

Reliable communication at a bargain price! Easy to install or change locations — just plug into AC outlets. Call-Tone lets you alert other station. Talk-Bar has Lock position for hands-free talking or continuous monitoring. Stations have volume control, LED "on" indicator. Just 1¹/₂"x5¹/₂"x4" each. U.L. listed. 43-207 Pair 49.95



This Wireless Monitor Lets You "Babysit" From Another Room — It's a One-Way "Intercom," Too!



29⁹⁵ Set

NEW FOR '92

Sensitive — ideal for monitoring a child's room. Or use them as a low-cost intercom when a one-way message is all that's needed — "You're wanted on the phone," etc. FM system minimizes interference — receiver remains silent until the transmitter picks up a sound. Transmitter has on/off switch. Receiver has on/off volume control. No wiring — just plug in! 1¹/₂"x3³/₈" each. U.L. listed. 43-208 Set 29.95





Versatile Wireless Remote Control Systems

Take Command of Lights and Appliances Around Your Home



Remote Control Timer Center Automatically Turns Lights and Appliances On and Off

NEW FOR '92

69⁹⁵

- Instantly Sends On/Off Commands At the Pre-Set Times
- Just Plug-In—Uses AC House Wiring



Built-in timer automatically controls up to eight electrical conveniences in your home. It can wake you up, make the coffee, turn the radio on, start dinner, turn outdoor lights off and much, much more! Just plug appliances and lights into modules (below), then into AC wall outlet and you're all set. Program each light or appliance to turn on or off at the same time each day or vary the times for a more secure "at-home" look. Separate controls let you instantly turn all lights on in emergencies, set the display level, or turn both lights and appliances off. Intermittent power failure protection prevents loss of programmed times. 3 1/4" x 5 1/4" x 5 1/4" U.L. listed. 61-2679 69.95

Mini Remote Control Center



24⁹⁵

NEW FOR '92

Small Enough To Place Anywhere—Even Mounts on Wall

Instantly control eight lights or appliances with modules, below. Individual on/off, brighten/dim lights, all lights on, all units off. 1 1/4" x 4 1/4" x 3 3/4" U.L. listed. 61-2677 24.95

Remote Control Center Operates Electrical Conveniences With the Touch of a Button

"Panic Lights" Switch Flashes Lights On and Off to Attract Attention and Scare Away Intruders!

42⁹⁵

NEW FOR '92



Enjoy total control of up to 16 lights or appliances throughout your home from one convenient location! Use as many Control Centers and modules (below) as you wish—no special wiring to install. Turn on lights in any room and adjust their brightness. Also remotely control TV, stereo, and appliances. All-On instantly switches all lights on in emergencies. All-Off controls both lights and appliances. 4 1/4" x 3 1/2" x 3 1/2" U.L. listed. 61-2678 42.95

Mini Remote Control Center Starter Package

49⁹⁵



Control Center



Lamp Dimmer Modules

Puts two lights in your home under remote control. Includes Mini Remote Control Center (61-2677, above) and two Lamp Dimmer Modules (61-2682, right). Add other modules to control appliances and more lights.

Controller With Dimmers. Save \$8.98. Reg. Separate Items 58.93 49.95

Remote Control Modules for Lights, Appliances



16⁹⁹

Appliance Module



16⁹⁹

Lamp Dimmer Module



17⁹⁹

Wall Switch Module



17⁹⁹

Universal Appliance Module (3-Prong)



21⁹⁵

Wall Outlet Module

A Appliance Module. Turns appliances on and off. Maximum ratings: resistive load, 15 amps; motor load, 1/2 HP; incandescent lamp, 500 watts. U.L. listed. 61-2681 16.99

B Lamp Dimmer Module. For incandescent lamps up to 300 watts. On, off, brighten, dim. U.L. listed. 61-2682 16.99

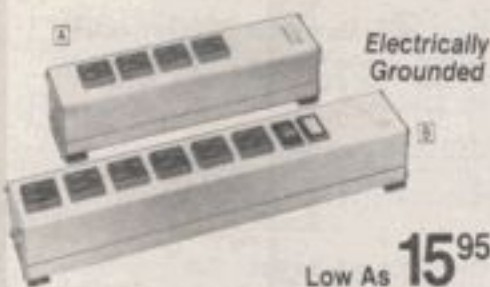
C Wall Switch Module. Replaces standard wall switch. For incandescent lamps up to 500 watts. On/off by remote or local control, brighten/dim by remote control. U.L. listed. 61-2683 17.99

D Universal Appliance Module. For appliances with a 3-prong grounded plug. Maximum ratings: television, 400 watts; other ratings same as Appliance Module. U.L. listed. 61-2684 17.99

E Wall Outlet Module. Replaces existing wall outlet. Turns lamps or appliances on and off. One outlet switched, one unswitched. Max. ratings same as Universal Appliance Module. U.L. listed. 61-2685 21.95

Dependable Electrical Accessories and Flashlights

Plug-In Power Strips



Electrically Grounded

Low As **15⁹⁵**

A 4-Outlet. Safely plug tools, appliances, and business machines into additional outlets. Protective push-to-reset circuit breaker. Includes 6' cord and grounded plug. Rated 15A at 125V. U.L. listed. 61-2620 **15.95**

B 6-Outlet. Same as above, with 2 additional outlets. On/off switch, "power-on" indicator light. 61-2619 **21.95**

6-Outlet Cord Reel

NEW FOR '92

- Six Grounded 3-Prong Outlets
- Circuit Breaker Protected

24⁹⁵



The convenience of both multi power outlets and an extension cord in a compact case. Ideal for use around home, garage, yard, construction sites. Circuit breaker guards against overloads above 10 amps. 21-ft. 14-gauge 3-conductor cord. Durable case. U.L. listed. 61-2610 **24.95**

Wireless Sonic Remote Switch

NEW FOR '92

27⁹⁵

Instant Control From Your Armchair



No cords, wires or batteries! Solid-state signal processor controls TV, stereo, lamps, appliances from up to 100' away. Simply plug into AC outlet, squeeze the hand-held whistle, and light or appliance turns on or off. Adjustable range. U.L. listed. 61-2660 **27.95**

Light Dimmer Switches



A Rotary Dimmer **5⁹⁵**

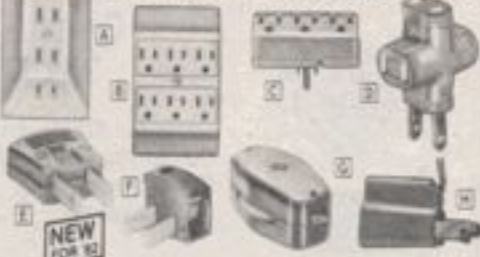
NEW FOR '92

B Toggle Dimmer **6⁹⁵**

A Rotary Dimmer. Push-on/push-off rotary dial varies lighting to suit the occasion. Fits std. wall box. 120VAC, 600W max., incandescent only. U.L. listed. 61-2699 **5.95**

B Toggle Dimmer. On/off positions plus full-range dimming in between. Same ratings as above. 61-2694 **6.95**

Electrical Accessories



All U.L. Listed for Electrical Safety

- A** 4-Outlet Plug. Converts two 2-wire outlets to four. 61-2621 **1.99**
- B** 6-Outlet Plug. Converts two 3-wire outlets to six. 61-2622 **3.49**
- C** 3-Outlet Plug. 61-2705 **1.99**
- D** 3-Plug Cube Tap. 61-2701 Pkg. of 2/1.09
- E** Quick Plug. 61-2702 Pkg. of 2/1.09
- F** Flush Wall Plug. 61-2703 Pkg. of 2/1.49
- G** Mini Line Cord Switch. 61-2713 **99c**
- H** Grounded Adapter. 61-2720 Pkg. of 2/1.09

U.L. Listed Extension Cords



- A** 25' 2-Wire One Outlet. Polarized plug and socket. Green. 61-2759 **3.49**
- B** Power Center. 3' cord, 3-prong grounded plug, three outlets. 61-2762 **3.99**
- C** Standard. Two-wire cube outlet.

Feet	Color	Cat. No.	Each
6	White	61-2744	1.39
6	Brown	61-2745	1.39
9	White	61-2746	1.79
9	Brown	61-2747	1.79
15	Brown	61-2748	2.39

Flashlights for Home, Car, Boat — Low As 1²⁹



- A** 5-Cell Flashlight. Requires 5 "D" batteries. 68-1022 **1.98**
- B** Handy Pen Light. Requires 2 "AA" batteries. 61-2626 **1.99**
- C** Standard "D" Cell. Requires 2 "D" batteries. 61-2624 **1.29**
- D** Heavy-Duty "C" Cell. Requires 2 "C" batteries. 61-2641 **1.59**
- E** Heavy-Duty "D" Cell. Requires 2 "D" batteries. 61-2639 **1.69**
- F** Magnet Light. Requires 2 "D" batteries. 61-2640 **2.69**
- G** Disposable Clip Light. 61-2625 **1.69**
- H** Search Light. Requires 3 "D" batteries. 61-2635 **2.79**
- I** 6V Lantern. Requires 6V "spring terminal" lantern battery. 61-2628 **3.49**
- J** "D" Cell Lantern. Requires 4 "D" batteries. 61-2634 **2.99**
- K** "C" Cell Lantern. Requires 4 "C" batteries. 68-1034 **1.98**
- L** Disposable Hand Light. 61-2636 **1.99**

Mini Fluorescent Light

Use for Auto, Work Or Play

10⁹⁵

Provides instant light at home or away. Perfect for hiking, camping, emergencies. Carry case attaches to belt. 6 1/2 x 3 1/2 x 1 1/2". Requires 5 "C" batteries. 61-2733 **10.95**



Wireless Light Fixture

Battery Operated — No Wiring Required **5⁹⁵**

Easily mounts in closet, van, workshop, almost anywhere you need light. 6 1/2 x 5 1/2 x 3 1/2". Uses No. 1551 bulb. Requires 4 "D" batteries. 61-2732 **5.95**



Micronta Digital Wristwatches Keep You On Time

A 39⁹⁵

B 19⁹⁵

C 29⁹⁵

NEW FOR '82

D 29⁹⁵

Each Includes Battery



A LCD Quartz Chrono Alarm Watch. Backlighted numerals with PM indicator. Stopwatch with lap time and 24-hour alarm with set indicator. Reads month, day and date. Adjustable band, mineral lens. 63-5006 39.95

B Sport LCD Quartz Chronograph Watch. Shows hours, minutes and seconds with PM indicator, month, date. Internal stopwatch has lap and total timing. Backlighted display. 63-5007 19.95

C LCD Chronograph or Alarm Watch. Backlighted display shows hours, minutes and seconds, or month, date and day. Select either the 24-hour alarm or stopwatch with 1/100th second to one-hour timing. Easy-to-adjust band, mineral lens. 63-5051 29.95

D Lady's LCD Watch. Backlighted display shows hours and minutes, or month, date and day. Adjustable band, mineral lens. 63-5052 29.95

Radio Shack Has the Personal and Optical Instruments You Need

Micronta Electronic Blood Pressure Tester

Check Your Own Blood Pressure Quickly and Easily Right at Home

69⁹⁵

Handy Pressure Cuff



Micronta BP-1. Simple one-hand operation — a built-in microphone eliminates the need for a stethoscope. Large scale registers 20 to 300. Flashing red light and "beeper" indicate systolic (upper) and diastolic (lower) pressure. Automatic release valve and battery indicator. Includes pressure charts and vinyl carry case. Requires 9V battery. 63-660 69.95



Deluxe Illuminated 30x Microscope

Great for Stamp and Coin Collecting or Working On Microcircuits And Jewelry

NEW FOR '82

19⁹⁵



Countless uses for many types of close-up work. 30-power magnification gives sharp, undistorted image. Retractable condenser lens pinpoints light directly on your object. Centered wheel for one-hand focusing. 5 1/2" long. With vinyl case. Requires 2 "AA" batteries. 63-850 19.95



Biofeedback Monitor—Learn to Relax



- Detects Changes in Skin Resistance Caused by Tension
- Listen to Your Changing Emotions

NEW FOR '82

14⁹⁵

"Hear" your body react to stress — just attach the two sensors to your fingers, then listen to a tone that rises when you're under stress and drops as you relax. Also fun for "lie detector" games. With sensitivity control, built-in speaker, earphone jack, manual. Requires 9V battery. 63-675 14.95

Dual-Power Lighted Magnifier

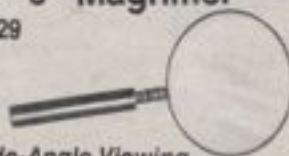
4⁹⁸

Read diagrams and type with 3" main lens, use 1" inset lens for reading smaller type. Requires 2 "AA" batteries. 63-848 4.98



Pushbutton Focused Spotlight

3" Magnifier 3²⁹



Wide-Angle Viewing

Ideal for reading small type, working on jewelry or microcircuits. 63-847 3.29

Solar Cigarette Lighter 1⁹⁹



Flameless!

Parabolic mirror lights cigarettes in seconds without fuel or flint — wind actually helps! Carry pouch. 61-2797 1.99

See The Shack® for Values on Timers and Timepieces

"Pro" LCD Quartz Stopwatch

34⁹⁵ NEW FOR '81 1/100th of a Second Accuracy

Easy-to-read liquid crystal display shows lap and total times to 9 hours, 59 minutes, 59 and 99/100th seconds. Audible signal indicates start, stop, lap and reset. Weighs 2 ounces. 2 1/4" x 2 3/4" x 1 1/4". Includes battery, neck cord, manual. 63-5008

34.95

LCD Quartz Chronograph

29⁹⁵ NEW FOR '81 Great for Runners, Hikers, Bike Riders

Big 0.4" display times to 59 minutes, 59 and 99/100th seconds. Lap and total time. Reads hours/minutes/seconds and month/date/day. Weighs 3 ounces. 2 1/4" x 3 1/4" x 3/4". Includes battery, neck cord, manual. 63-5009

29.95

24-Hour Digital Electronic Timer

29⁹⁵ NEW FOR '81

- Precise Timing Control
- Programmable Memory
- LED Clock-Timer Display



Available October 30, 1981

Solid-state circuitry for exact to-the-minute on/off control of even large appliances. Excellent for stereo system (use it as an alarm clock), coffeemaker, TV, window air conditioner, tape recorders, lamps, electric blankets. Built-in clock has 0.6" LED display and 9V battery (not incl.) backup to maintain timer memory in case of AC failure. Polarized plug and outlet for safety. 2 1/2" x 5 1/2" x 3 1/4". Rated 15 amps. U.L. listed.

63-885 29.95

Automatic 24-Hour AC Timers

Automatic ON-OFF control of almost any appliance. Use with lamps to give your house that "at home" look when you're not. Time TV sets, radios, recorders and small appliances to suit your own style of living. Just plug timer into AC, plug device into timer, set timing dial. U.L. listed for electrical safety.

Compact Plug-In Timer

8⁹⁵ Leaves One AC Outlet Exposed

Cordless — plugs directly into wall outlet. 2 1/2 hours minimum ON time; 21 1/2 hours maximum ON time. 4 1/2" x 2 3/4" x 1 1/4". Rated 15A, 1875W. 63-862

8.95

Multiple Program Timer

11⁹⁵ With 24 Programming Tabs

Plug-in type gives you up to 12 on/off functions per day. 23 hours maximum ON time. 1 hour minimum ON time. 4 x 2 1/4". Rated 15A, 1875W. 63-864

11.95

Multi-Program Tabletop Timer

15⁹⁵ NEW FOR '81

12 On/Off Functions Every 24 Hours

23 hours maximum ON time, 1 hour minimum ON time. Override switch allows you to turn on or off without changing program tabs. 2 1/4" x 4 x 3". Rated 15A, 1875W. 63-865

15.95

Programmable Light Timer With Computer Memory

24⁹⁵ NEW FOR '81

- Gives Your House an "At Home" Look
- Solid-State — No Motor to Wear Out
- Retains Memory During Power Failures
- Easily Replaces Standard Wall Switch

Simple to program — just use as ordinary light switch for 24 hours. Timer will then remember and repeat up to 48 selections until reprogrammed. You can also "rapid program" a 24-hour period in advance. "Variable" feature automatically varies on/off times to fool burglars. 500 watts, incandescent only. U.L. listed. 63-875

24.95



Programmable Lamp Timer/Dimmer

29⁹⁵ NEW FOR '81

- Adds That "At Home" Look When You're Not
- Solid-State — No Motor To Wear Out
- Retains Memory During Power Failures

Use as a dimmer when you're at home and as a timer when you're not. Simply use as an ordinary light switch for 24 hours, and the timer is then programmed for up to 48 selections every 24 hours. Manual on-off use doesn't disturb pre-set programs. "Rapid program" feature for pre-setting a 24-hour timing period, plus variable on-off timing to discourage prowlers. 300 watts, incandescent only. Lamp plugs into the cord/outlet combination. 3 1/4" dia. x 1 1/4" high. U.L. listed. 63-876



Electronic Clocks — Accuracy You Can See and Hear



VoxClock™ Talking Clock! With Dual Alarm and Calendar

It Talks! **79⁹⁵** NEW FOR '92

- Speaks the Time Every Half Hour Or Only When You Press "Voice"
- Battery Backup Powers the Clock And Alarm if AC Power Fails
- Battery Sentinel Warns You Of Weak or Missing Batteries

Available Oct. 30, 1981

The finest Micronta alarm clock ever! Big 0.7" LED display for easy reading, but you don't have to read it — press the "Voice" button and a computer-synthesized voice actually "tells" you the time! Features 24-hour talking alarm, "his" and "hers" alarm settings for two separate wake times, snooze, button for calendar display, LED PM and "alarm" indicators. Keyboard time and alarm set. Simulated walnut-grain finish. 3½x6½x4¼" U.L. listed AC operation. Battery Backup requires 6 "AA" batteries. **63-901** **79.95**

Economy Digital Alarm



NEW FOR '92 Easy-to-Read **14⁹⁵**
0.7" LED Display

Bargain price, yet has all the important features! Fast/slow controls for setting time and alarm to exact minute you want, snooze control that's operated by pushing down anywhere on top of clock, and built-in protection against brief power failures. 2x4½x4" U.L. listed. **63-752** **14.95**



NEW FOR '92 **34⁹⁵**
NEW FOR '92 **24⁹⁵**

LED Digital Alarm Clocks With Battery Backup

BATTERY BACK-UP
Even if AC power fails, you'll be on time!
Battery backup operates clock at least 8 hours and provides 10 minutes of alarm!

A Jumbo LED Alarm. Big 1.8" display is easy to read from across the room! Features include slow/fast time and alarm setting, snooze control, 24-hour alarm, hi/lo brightness, PM and "alarm" indicators. Battery Backup system keeps clock running and powers alarm in case of power failure. Battery Sentinel warns of weak battery, or battery not installed. 4½x8½x2½" U.L. listed. **63-825** **34.95**

B Deluxe LED Digital Alarm. The 0.9" display has PM and "alarm" indicators. Snooze control, 24-hour alarm, Battery Backup and Sentinel. Brushed aluminum front with simulated woodgrain top panel. 3x6½x4¼" U.L. listed. **63-827** **24.95**

C Dual-Alarm-Calendar. "His" and "hers" alarm settings allow two separate wake up times, without resetting! 0.7" LED display has hi/lo brightness control and PM indicator, reads month and date or time. 24-hour alarm, Battery Backup and Sentinel. 2½x6½x3½" U.L. listed. **63-776** **24.95**

D LED Digital Alarm. Distinctive styling, fit-anywhere size and a low price! 0.7" digits with PM and "alarm" indicators, 24-hour alarm, snooze control, Battery Backup and Sentinel. 2½x5½x3" U.L. listed. **63-826** **18.95**

Clocks above require 9V battery (not incl.) for Backup feature.



Available Sept. 30, 1981 **24⁹⁵** **18⁹⁵** NEW FOR '92



Available Sept. 30, 1981

19⁹⁵

NEW FOR '92 **29⁹⁵**

NEW FOR '92

19⁹⁵

Quartz Clocks Add Great Looks and Accurate Time to Your Desk or Wall

A LCD Desktop Alarm With Calendar. Superb "future-look" styling! Clock has brushed aluminum case, mirror-finish beveled edges, and it's mounted in a clear stand angled for easy reading. The liquid crystal display reads hour and minute, or minute and second. Pushbutton backlight for night viewing. Removable calendar plates show any month. Controls for setting hour, minute and second, 24-hour alarm to remind you of appointments, and snooze control. All controls are on back. Quartz controlled for accuracy. A classy addition to any desk! 4½x6". Requires "AAA" battery. **63-726** **29.95**

B Cordless Wall Clock. Large numerals and hands for easy reading across a room — and no power cord to restrict placement or mar appearance of your wall! Quartz controlled for accuracy and has sweep second hand. Operates up to one year on "C" battery (not incl.). 10x10x2½". Handsome simulated walnut trim. **63-801** **19.95**

C Round Cordless Wall Clock. Big 7½" diameter, with large hands and numerals for easy reading, plus sweep second hand. Quartz controlled for accuracy. Operates up to one year on "AA" battery (not incl.). **63-802** **19.95**

Top Values in Timekeepers That Talk and Travel

Exclusive Talking VoxClock™ "Tells" the Exact Time—It's the Clock You Don't Have to See

- A Compact Cube—Just Right for a Desk
- Announces Time on the Hour, or Remains Silent Until You Press the Time Button

59⁹⁵

Press the button atop this handsome cube and a voice tells you the time—hour and minute, followed by "a.m." or "p.m."—it seems like magic! Ideal for a desk, coffee table or night stand, VoxClock makes a unique "conversation piece" wherever you place it. Inside is an accurate, quartz-controlled timekeeper plus the very latest computer technology—an electronic speech synthesis circuit that converts time into talk. No moving parts! VoxClock is easy to set with recessed controls on the bottom. You can select high or low volume and turn the hourly time announcement on or off. Sides are finished in beautiful simulated walnut grain, accented by a brushed aluminum top with chromed edges. Just 2¹/₂"x2¹/₂"x2¹/₂". Requires three "AA" batteries. Makes an excellent gift—also ideal for a friend or relative who may have impaired vision. 63-902 59.95



A Sensational Gift—
The Amazing
VoxClock
Talking
Clock!



NEW FOR '81

Available
Sept. 30, 1981

Accurate Quartz Clocks for Vehicles

A Fluorescent Car Clock With Tachometer and Headlight Warning. Built-in tach for monitoring engine performance—works with 4, 6 or 8-cylinder gasoline-powered vehicles. Warning light and buzzer alert you when headlights are left on. Accurate quartz-controlled time. Display dims automatically for night driving and blanks when ignition is off. Controls for hour/minute time setting. 1⁷/₈"x3⁵/₈"x1¹/₂". 63-837 29.95

B Fluorescent Car Clock With Alarm. Easy-to-read display dims automatically for night driving and blanks when ignition is off. 24-hour alarm and recessed fast/slow alarm and time-set. 1¹/₈"x4¹/₈"x1¹/₈". 63-834 27.95

C Fluorescent Car Clock. High-contrast display adds beauty and convenience to vehicles. It dims automatically for night driving and blanks when ignition is off. 2¹/₈"x4¹/₈"x1¹/₈". 63-832 23.95

D LED Mini Clock. Same features as C, but with LED display and manual brightness control. 1¹/₈"x3³/₈"x1¹/₈". 63-833 19.95

NOTE: Micronta vehicle clocks operate on 12VDC pos. or neg. gnd. (except #63-837, neg. gnd. only). All include complete instructions and hardware for mounting in or under dash of most vehicles.



NEW FOR '81

Available
Sept. 30, 1981

29⁹⁵



27⁹⁵

NEW FOR '81



23⁹⁵



19⁹⁵

Micronta® Quartz Alarms—Perfect Travel Companions

Ultracompact—You Can Travel
"Light" and Still Be On-Time!



24⁹⁵



NEW FOR '81

19⁹⁵



NEW FOR '81

14⁹⁵

Mini Quartz Alarm. Tiny, yet has easy-to-read numerals and "glow-in-the-dark" hands, plus sweep second hand and accurate quartz movement. Time and alarm-set controls are on rear, as well as "slide-up" alarm switch that doubles as an indicator. Durable molded housing. 2¹/₈"x2¹/₈"x1¹/₈". Requires "AA" battery. With fitted carry pouch. 63-715 14.95

LCD "Anywhere" Clock



Available Sept. 30, 1981

NEW FOR '81

15⁹⁵

Features a liquid crystal digital display with AM and PM indicators, switchable backlight, includes a slide-in bracket and double-sided tape for easy mounting on car or boat dash, TV set, computer, stove, wall—anywhere! 1¹/₈"x3¹/₈"x1¹/₈". With battery. 63-836 15.95



Deluxe Travel Alarm. The liquid crystal display features AM, PM and alarm indicators with 24-hour alarm. Small enough to carry in pocket, purse or briefcase. Convenient front-mounted controls for time alarm setting, alarm on/off. Folds up to just 3x3¹/₈"x1¹/₈". Durable molded case. With battery. 63-702 24.95

Travel Alarm With Snooze. Liquid crystal display has switchable backlight for viewing in darkness plus AM, PM and alarm indicators. Snooze button gives you a few "extra winks." Swing-down stand for easy viewing on a desk or nightstand. Just 1¹/₈"x3¹/₈"x1¹/₈". With battery. 63-703 19.95

GET IT "ON CREDIT" AT RADIO SHACK—MASTERCARD, VISA AND AMERICAN EXPRESS HONORED AT MOST STORES

Wireless Alarms and Accessories for a SAFEHOUSE™



Our Best Microprocessor-Controlled Perimeter Burglar Alarm System

179⁹⁵

Includes Main Alarm, One Door Transmitter

Easy-to-Install! No Wires To Run from Transmitter To Main Alarm Control

SAFEHOUSE System. Design your own "total" security system. Just plug receiver/central alarm into any AC outlet and place the transmitters at doors and windows. Add more transmitters anytime you want to expand your system for more protection. Sounds a loud alarm from the built-in speaker, or add a super-loud indoor/outdoor horn (below). Automatic alarm shutoff and reset. You can program a digital "disarm code" and an exit/entry delay of 5 to 45 seconds. Two channels let you "zone" the system; for example, doors and windows or house and garage. Six LEDs show functions, confirm system is A-OK. U.L. listed operation with battery backup in case of AC failure (requires 6 "C" cells). Walnut vinyl trim. 3 1/4 x 10 1/4 x 6 1/2". Transmitter requires 9V battery, features automatic low-battery warning.

- 49-401 179.95
- Extra Transmitter. Requires 9V battery.
- 49-402 Each 29.95
- Outdoor Alarm Horn. 49-500 39.95

Expand Your System With Any Number of Transmitters to Protect Other Doors and Windows

Value-Priced Perimeter Burglar Alarm System



NEW FOR '82

99⁹⁵

Includes Main Alarm, One Door Transmitter

- Heart of a Whole-Home Protection System
- Sounds Loud Alarm
- Easy Installation

Add Extra Transmitters Around the House

Available Nov. 30, 1981

This low-cost "total" security system provides perimeter protection — the best kind, and recommended by professionals! Just plug receiver/central alarm into any AC outlet and place the compact transmitters at doors and windows. No wires to run — the transmitters signal the receiver if an intrusion attempt occurs. Sounds a loud alarm from the built-in speaker, or you can add an extra-loud indoor/outdoor siren (49-488). Automatic alarm shutoff and reset. Exit/entry delay is selectable at each transmitter — 30 second entry, 30 second exit. Two channels let you "zone" the system; for example, doors and windows or house and garage. U.L. listed operation with battery backup in case of AC failure. Backup requires 6 "AA" alkaline batteries. Walnut vinyl trim. Transmitter features low-battery warning (requires 9V battery). Receiver, 3 1/4 x 10 1/4 x 5". Transmitter, 6 x 1 1/4 x 1 1/4". 49-410 99.95
Extra Transmitter. Requires 9V battery. 49-411 29.95

Versatile External Switcher For Alarm System Accessories



NEW FOR '82

34⁹⁵

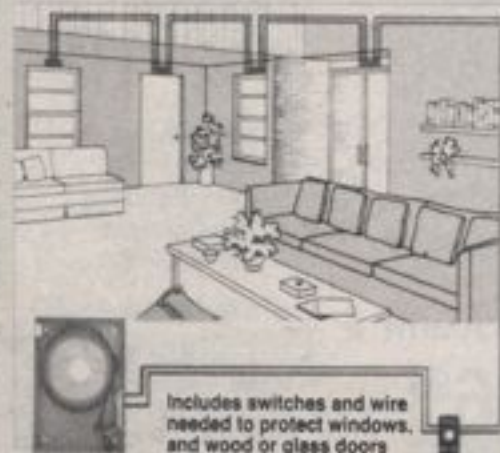
Available Sept. 30, 1981

Designed to Activate Lights, Other Appliances or a Dialer when Connected to Audio Output Terminals Of Your Home Security System

External switcher activated by audio output terminals of 49-302/320/401 or other alarm systems with audio output terminals. Turns on lamps and appliances up to 100 watts when alarm system is activated. Provides relay closure to operate telephone dialer, wireless transmitter, or to connect 49-302 or 49-320 to existing wired home alarm system. U.L. listed. 49-510 34.95

Shop The Shack® for Wired Alarms and Accessories

Perimeter Burglar Alarm System With Whole-House Protection
Save Money — Simple and Easy Do-It-Yourself Installation



99⁹⁵

Low-Cost Security for Your Family, Home and Property

- Perfect Project for Do-It-Yourselfers
- Panic Switch for Instant Alarm in Emergency

You get it all! Four SPST magnetic switches for doors and windows, loud 8" diameter alarm bell with built-in timer that meets local code requirements, master control box of heavy-gauge steel with anti-tamper switch. Also includes 100' of wire, remote on/off switch and key lock, two keys, mounting hardware, instructions. 12½"x9½"x5¼". Extra switches and foil may be added. Requires 12V battery (below). 49-474 99.95
 Heavy-Duty Battery for above. 23-007 10.39

Includes switches and wire needed to protect windows, and wood or glass doors

Expand Your New or Existing System With These Accessories

8-Inch Underdome Alarm Bell

21⁹⁵



Loud heavy-duty bell for signaling or alarm systems in homes, schools or even factories. For 12VDC. U.L. listed. 49-488 21.95

Electronic Siren

19⁹⁵



Sale and use of sirens for mobile purposes is prohibited in Calif. and certain other states. Emits a loud "rise-fall" sound. Weather-proof aluminum. 12VDC. With swivel base, hardware. 49-486 19.95

Window Foil & Block Connectors

5.99



A Metallic Foil. Connects to alarm and glass. 120"x½" roll. 49-502 5.99
B Connectors. Self adhesive. 49-504 3 Pair/2.79

Window Foil/Vibration Contact

3.79



Mount half on window or door; other half on frame. Allows normal door/window use. 49-518 3.79

2-Conductor Twisted Wire

5.49



Ideal for alarm system connections. 22-gauge. 100'. 278-860 5.49

Glass Breakage Detector

7.95



Guards up to 32 square feet of glass. For open or closed-circuit alarms. With adhesive backing. U.L. listed. 49-516 7.95

Vibration Detector For Windows, Doors

3.95



Detects impact vibration on any surface. Adjustable sensitivity. Tamper-proof case. For N.O. or N.C. circuits. U.L. listed. 49-521 3.95

Pressure Mat

9.95



For use in or outdoors — conceals easily under rug, mat or carpet. For normally open circuits. Handles 1 amp at 25VDC. SPST N.O. circuit. 49-522 9.95

Magnet Switches and Spacers

3.49



A Contacts close when magnet engages. U.L. listed. 49-495 3.49
B Contacts open when magnet engages. U.L. listed. 49-512 3.99
C Spacers. Use with above on metal doors or uneven surfaces. 49-519 Pkg. 6.99c

Panic Switch

1.49



Push to "Set-Off" Alarm System. Pushbutton instantly activates alarm system in an emergency. For normally open circuits. Contacts close when button is pushed. 49-517 1.49

Contact Switch For Windows, Door Frames

1.79



SPST contacts close when plunger is depressed. With screw terminals, mtg. hardware. 3A. 125VAC. U.L. listed. 49-513 1.79

SPST Lock Switch With Cover

4.69



Spring-loaded cover, screw terminals. With two keys. Contacts rated 3A at 125VAC. 49-515 4.69

SPST High-Security Lock Switch

9.95



High-security round style key and lock switch. Key removes in "on" or "off" position. 3A at 125VAC. With two keys. 49-511 9.95

Key Lock Cover

1.69



Protective die-cast cover with spring-loaded hinge and rubber sealed gasket. 49-514 1.69

Warning Decals

99c



Vinyl, adhesive decal warns everyone you're protected by a Radio Shack security system. Mount inside on glass. 49-507 Pkg. of 5/99c

THERE'S A RADIO SHACK STORE NEAR YOU — WHEREVER YOU ARE

www.RadioShackCatalogs.com

Security From The Shack Gives You Peace-of-Mind



Low-Cost Solid-State Electronic Alarm For Doors and Windows

NEW FOR '82

11⁹⁵

- No Wiring — Easy to Install
- Entry/Exit Delay
- Key-Operated On/Off Switch

This reliable and easy-to-use alarm gives you low-cost protection from burglars. When alarm is tripped, it emits a loud, shrill sound to scare off intruders. Delay feature lets you leave and return without setting off a false alarm — or the alarm can be set to sound instantly when door or window is opened. Key operated on/off switch. 5 1/4" x 2 1/4" x 1 1/4". Requires 9V battery. 49-421 11.95



Ionization Smoke Alarm

- No AC Power Required
- LED Shows Unit Is On

16⁹⁵

Sensitive, battery-powered detector continuously monitors your home's air, responding quickly to flame or invisible combustion particles — sounding a loud, built-in alarm. Battery lasts up to one year and a warning circuit indicates when it needs replacing. 4 1/4" dia. x 2" thick. Includes mounting hardware. U.L. listed. 49-454 16.95



Attaches to wall ... or to ceiling



Includes 9V Battery

Combination Cable Lock

NEW FOR '82

5⁹⁵

Great for Bikes and Motorcycles



You set your own combination — change it anytime! Plastic covered 4" cable won't mar or scratch. 49-025 5.95

Barricade Door Lock

9⁹⁵



Ideal protection for total security! Pick-proof — stops door movement. Panic proof — one finger release. Easy to install. 49-544 9.95

Power-Failure Light

15⁹⁵



Plugs into AC outlet. If power fails, built-in battery powers light up to 90 minutes; recharges when AC is restored. 3 1/4" x 1 1/4" x 1 1/4". U.L. listed. 61-2645 15.95

Automatic Night Light

NEW FOR '82

5⁹⁵



Automatically comes on at dusk and increases intensity with darkness, turns off at dawn. Plugs into standard AC outlet. For indoor use only. 4 1/4" x 1 1/4" x 1 1/4". U.L. listed. 61-2646 5.95

Water/Flood Alarm Protects Your Property

9⁹⁵



- Makes Homes and Boats Safer
- Alarm-Test Button And Indicator

A lifesaver! Inexpensive and dependable, it automatically sounds a piercing alarm to warn of water entering in basements, boats — anywhere! Installs easily. Requires 9V battery. 49-440 9.95

Door-Hanger Guard

9⁹⁵

Use on Wood Doors



Hooks over inside doorknob and sounds alarm to warn of tampering. Adjustable sensitivity. For wood doors only. Requires 9V battery. 49-461 9.95

Personal Powerhorn

5⁹⁵

Use to Summon Aid



One blast gets attention, scares intruder away. Small enough to fit in purse or pocket. Can be heard up to 1/2-mile away. 49-600 5.95

Powerhorn-Junior Security System

2⁹⁹

Install Several In Your Home



Inexpensive protection for doors and windows. Loud built-in alarm. Includes mounting screws and adhesive backing. Requires 2 "AA" batteries. 49-494 2.99

Key Hide-Away

69¢ No More Lockouts

Hide an extra car or house key. Magnet holds box to magnetic surface. 49-050 69¢



Window/Door Slide Stop

99¢

Halts Burglars!



Prevents sliding open windows or doors. Position stop for any size opening. 49-540 99¢

Patio Door/Window Lock

1⁴⁹

Also Fits Double Hung Windows!



Steel pin keeps patio doors from being pried open or lifted out. Cap lock prevents jiggling of pin. 49-543 1.49

Motion-Detector Security Systems for Home or Office



199⁹⁵ Microprocessor Intrusion Alarm

SAFEHOUSE™ RF Field Disturbance Alarm System. Our best motion detector! Protects with an invisible field of radio-frequency energy that detects movement within an area 50' long (5000 cubic feet). When motion is detected, alarm sounds for eight minutes, then shuts off and resets. Keyboard arms and disarms the system with a 4-digit "secret" code. Time delay allows you to leave and return without setting off the unit. LEDs indicate system status. Built-in rechargeable battery activates automatically if AC power fails. Simulated walnut. Requires horn speaker (49-500, right). 4x10 1/4x7" U.L. listed AC operation. 49-320 199.95
System With Horn Speaker. Save \$19.95.
 Reg. Separate Items \$239.90 **System 219.95**

No Installation — Just Plug In and Aim!

Can Also Be Used With Window And Door Contact Switches



Alarm Horn Speaker

Efficient weatherproof design for indoor and outdoor use. Handles up to 30 watts of power. 49-500 39.95

39⁹⁵

Use Two — One Indoors and One Outdoors for Maximum Protection

Deluxe Ultrasonic Motion Detector 119⁹⁵

Security without complicated installation — perfect for home and apartment. Easily arm and disarm the unit by a "secret" keyboard code. LED indicators show system status. Entry/exit delay allows you to leave and return without setting off the alarm. Audible "walk-test" defines protected area. Covers up to 20x30' and sounds a loud, built-in alarm when motion is detected. Connections for optional remote arm/disarm switch, and horn speaker (49-500, left). Simulated walnut. 3 1/4x10 1/4x6 3/4" U.L. listed AC operation. 49-302 119.95
System With Horn Speaker. Save \$10.00.
 Reg. Separate Items \$159.90 **System 149.90**

Invisible Infrared Pulsed-Beam Announcer/Alarm System



One-Piece Receiver/Transmitter Unit

69⁹⁵

Beam Reflector

A silent 'round-the-clock sentry. Works as an alarm against intruders or as an announcing system for people entering a given area. Shoots a narrow beam of invisible infrared light across a given space of up to 50 feet to the reflector, which bounces it back. Whenever the beam is interrupted, the alarm is triggered. Alarm can be set to sound continuously with manual reset, to sound only while beam is broken with automatic reset, or to sound when beam is broken plus an extra 10 seconds. Features LED test alignment indicator and built-in buzzer plus output for connection of optional 12VDC bell, or siren. 4 1/2x3x7 1/2". With adjustable mounting bracket. U.L. listed AC operation. 49-201 69.95

Ultrasonic Intrusion Alarm System



NEW FOR '83

69⁹⁵

• No Installation — Just Plug In and Aim!
 • Loud Built-in Alarm • "Walk-Test" Lamp

One-piece security system gives low-cost protection for your family and home. Invisible field of sound waves detects any movement within an area of 20x30'. Motion triggers a loud built-in alarm or an optional super-loud 12VDC siren or bell (below). The alarm can be set to sound instantly or with a 15-second delay. Other features include adjustable sensitivity, remote on/off, and an automatic 20-second delay for leaving the room without setting off a false alarm, plus battery back-up provision. Simulated walnut finish. 2 1/2x9 1/2x8 1/4" U.L. listed AC operation. 49-303 69.95

Optional Electronic Siren. 49-488 19.95
 Optional 8" Underdome Alarm Bell. 49-498 21.95

Mobile-Alert™ Alarms Protect Your Car, Van or RV

Vehicle Security System With Silent Alarm



99⁹⁵

Radio Signal "Beeps" You Up to 1/2-Mile Away

Only You Hear Alarm! The Thief Doesn't Know He's Been Detected And is Likely to Still Be There When Police Arrive!

Features a "coded" mini-transmitter and a pocket receiver that signals you and you alone when your car is in danger of intrusion. Two electronic sensors mount on door posts or frame to detect tampering instantly! Just mount transmitter under dash and connect to existing car radio antenna. Keep the receiver with you to monitor your car's security. Adjustable sensitivity. Transmitter, 4 1/4 x 2 3/4 x 1 1/4". Receiver, 4 x 2 x 1". With instructions, hardware. Receiver requires 2 "AA" batteries. FCC CB license required. 12VDC neg. gnd. **49-491** **99.95**

Extra Pin Switches. For hood or trunk. Use with any system on this page. **49-509** **Pkg. 2/2.89**

Keyless Vehicle Alarm System With Motion Sensor

99⁹⁵

Senses Opening of Hood, Trunk or Doors — Motion Vibration Sensor Detects Jacking, Towing And Tampering — Arms Itself Automatically 45 Seconds After You Leave the Vehicle!



Protect your car and any valuables inside against theft! Detects motion, tilt of vehicle or pre-entry damage. Automatically arms itself 45 seconds after ignition has been turned off and last door closed. Disturbances to the system will cause an immediate alarm. Electronic siren blasts intermittently for approximately one minute, after which the system automatically resets to detect further disturbances. Automatic 20-second entry delay allows you to disarm the system with ignition key. Comes with compact control module/motion sensor that can be easily concealed. Includes instructions, cables and hardware. For any 12VDC neg. gnd. vehicle. **49-493** **99.95**

Voltage-Sensing Vehicle Alarm System



NEW FOR '92

29⁹⁵

Operates on Voltage-Change Principal to Guard Trunk, Hood and All Doors — Also Protects CB, Tape Player



Professional burglary protection for your car, van, RV or boat! Alarm delivers penetrating "high-low" sound that can be heard for blocks. Voltage sensor and extra lead to protect CB and tape units. Features 3-minute auto-shutoff delay. Switches for trunk and hood, lock switch and two keys, wire, hardware, instructions. 12VDC neg. gnd. **49-780** **29.95**

Keyless Vehicle Alarm System

NEW FOR '92

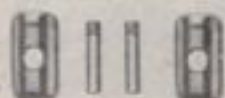
59⁹⁵

- No Keys or Switches to Lose Or Forget — Arms and Disarms Itself Through Ignition Switch
- Operates on Voltage-Change Principle With Switches For Hood and Trunk



Complete mobile security system! Siren sounds ear-piercing blast when door, hood or trunk is opened — optional vibration sensor can be added. Audible "beeps" when ignition is turned off and last door closed, confirm system is armed. Automatic 20-second entry/exit delay. Auto-reset avoids prolonged noise, battery drainage. Hood and trunk switches, hardware, instructions. 12VDC neg. gnd. **49-760** **59.95**

Anti-Theft Vehicle Door Knobs



NEW FOR '92

Pkg. of 2 2⁴⁹

Easy to Install! No Tools!

Protects your car and its valuable contents! Fits most domestic and foreign cars, trucks and vans. **49-701** **Pkg. of 2/2.49**

Low-Cost Motion Detector Switch



4⁹⁹

Senses Movement and Tilt of Your Vehicle

Ideal for do-it-yourselfers! Detects jacking, towing and tampering. Mounts easily under hood and can be added to any of the above systems (except 49-493). 6 1/4 x 2 3/4 x 1 3/8". **49-520** **4.99**

Radio Shack Puts the Power Where You Need It!

Regulated 12VDC Power Supply

300-Watt Power Inverter Converts 12VDC to 120VAC



32⁹⁵

- 2.5-Amp Output
- Circuit Breaker Protected

Power most 12-14VDC equipment from 120VAC. Power CBs, autosound units, ham rigs. Up to 2.5A continuous (5A surge) at 13.8VDC. 2½x4½x6¾". U.L. listed 50-60 Hz AC operation. 22-124 32.95

99⁹⁵

- Powers Appliances From Vehicles
- Boost Switch for Low Voltage



Low-Cost 12VDC Power Supply

24⁹⁵

- Converts 120VAC to 12VDC
- Use Mobile Equipment At Home, Too

Ideal for 12VDC autosound units. Delivers 1.75A. LED "on" indicator. Output surge rating: 5A. Circuit breaker. 2½x4½x6¾". U.L. listed 50-60 Hz operation. 22-127 24.95



Powers TVs, lights, more with up to 300 watts continuous load! Great for off-road use — anywhere that AC is not available. Normal/Boost switch for low input voltage. Protected by circuit breaker with auto-reset. Input voltage: 11-16VDC. Input current: 25A full load. Output: 120VAC square wave. 4½x6½x7". 22-130 99.95

12VDC Voltage Inverter

Converts -6VDC or 12VDC to -12VDC

Now you can enjoy your 12VDC equipment in vehicles with non-standard (-6VDC and +12VDC) electrical systems. Fully isolated output — ideal for AM, FM and CB radios and tape players. Delivers up to 3 amps. Fuse-protected against overload. 6x2½x2¾". 22-129 26.95

26⁹⁵



Foreign AC Travel Converters

Low As **13⁹⁵**

Pocket Size!
Convert 220/240VAC to 110/120VAC



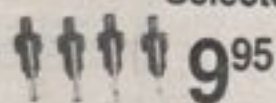
A 50-Watt Converter Transformer — for Electronic Equipment. Provides 110/120VAC from 220/240VAC source at up to 50 watts. For razors, radios, cassette portables, calculators. Works with most photo-flash units, nickel cadmium and dry-cell battery rechargers. Overload protected. 9½ oz. 1½x2½x1¼". With carrying pouch. 273-1401 13.95

B 1000-Watt Converter — for Non-Motorized Appliances. Use your 120VAC appliances on 220/240 volts. Powers frying pans, percolators, heating pads — overload protection circuit. 3 oz. 3½x1½x1½". With carrying pouch. 273-1402 13.95

C 1600-Watt Converter — for High-Power Heating Appliances. Converts 220/240VAC to 110/120VAC to power most portable hair stylers and curlers, coffee-makers, irons, sterilizers, heating pads, toasters. Overload protection circuit. 3 oz. 3½x1½x1½". Includes vinyl carrying pouch. 273-1404 18.95

D Plug Adapters (Set of 4). Connect your foreign voltage converter to almost any wall outlet anywhere! Includes vinyl pouch. **MUST BE USED WITH VOLTAGE CONVERTER (above).** 273-1405 7.95

Universal AC Adapter With 4-Way Voltage Selector



9⁹⁵

- Operates Most Portables From AC
- Four Adapter Plugs Fit Most Units

Powers most portables that have a jack for external power. Four plugs — mini and submini phone types, and .085 and .097" I.D. coaxial power types — for up to 32 different power combinations! Output: 4.5, 6, 7.5 or 9V at 300 mA. With 6-ft. cord. U.L. listed 60 Hz AC operation. 270-1551 9.95

9VDC Battery Eliminator



Play Your Portables On AC

4⁹⁵

Save money on battery-operated items. Plugs directly into AC wall outlet to replace 9-volt snap-connection rectangular battery. U.L. listed AC operation. 270-1552 4.95

GET IT "ON CREDIT" AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST STORES

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M	7%	12%	17%	25%
N	—	10%	15%	20%
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P	5%	7%	10%	20%
Q	10%	15%	25%	33%
R	—	(See Pages 45-48)		40%
S	—	(See Store Manager)		—
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9⁹⁵

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4²⁹

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9⁹⁵

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7. Metal Cable Clamps. 10 each; #2, #4, #6, #8, #10, #12, #14, #16, #18, #20, #22, #24, #26, #28, #30, #32, #34, #36, #38, #40, #42, #44, #46, #48, #50, #52, #54, #56, #58, #60, #62, #64, #66, #68, #70, #72, #74, #76, #78, #80, #82, #84, #86, #88, #90, #92, #94, #96, #98, #100, 64-3023

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18. Insulated Spade. (26-24); 2 each #4 & #6. 64-3042

17. Solderless #10 Spade Tongue. 12 each (22-18), (16-14). 64-3034
18. Solderless Insul. Ring Tongue. 4 each; #6 (22-18); 2 each; #8 (22-18); #6 & #8 (16-14). 64-3032
19. Solderless Insulated Spade Tongues. Assorted as above. 64-3033
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2⁴⁹ ^A



1⁷⁹ ^B

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1⁵⁹

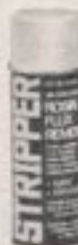
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1⁸⁹

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1⁷⁹

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2²⁹

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Silicone Lube

1⁷⁹

Fights corrosion. Spray lubricates mating surfaces of most materials. 6 oz.
64-2310 1.79



Color TV Tuner Cleaner

2¹⁹

Concentrated! Sprays into tuner to clean and lube contacts. 6 oz.
64-2320 2.19



Cleaner Degreaser

1⁹⁹ ^{NEW FOR '82}

Removes grime from electrical circuitry and components. 8 oz.
64-2322 1.99



Instant Bonding Glue

1⁴⁹

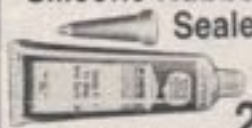
All-purpose adhesive bonds non-porous material easily, in seconds. Plastic nozzle tip.
64-2308 1.49



"Twin-Tube" Epoxy

2³⁹

Dual tubes automatically mix & measure to fix things fast! 1 oz. 64-2313 2.39



Silicone Rubber Sealer

2⁹⁹

Bonds, seals, caulks. Applies evenly and quickly — and it's moisture resistant. With applicator tip.
64-2314 2.99



TV Alignment Tool Kits

^A 5-Piece Color Alignment Kit. Eight hex ends. Two screwdriver tips, extender. 64-2220 2.99
^B TV Alignment Kits. Fits 90% of all RF and IF transformers. Two tips, screwdriver and hex wrench. 64-2223 99c

Double-Sided Foam Tape Strips



Fasten Almost Anything to Anything
1⁸⁹ Pkg. of 8
Eight 1x3" strips instantly fasten pictures to walls, radar detectors to dashes, smoke detectors to ceilings. 64-2344 8/1.89

10,000 Volt Dielectric Tape



For Practically Any Electrical Connection
Low As 49c

Roll Size	Cat. No.	Each
1/2"x12 1/2"	64-2348	.49
1/2"x20"	64-2349	.79
1/2"x66"	64-2350	1.39

Electrical Tape in Handy 5-Pack



Assorted Colors
1⁸⁹ Pkg. of 5
Vinyl tape color-codes electrical connections, plus hundreds of household, shop and automotive uses. Each roll is 1/2"x12".
64-2340 5/1.89

Self-Sticking Cushion Feet



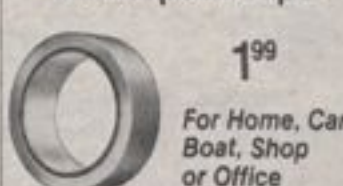
Great for projects or as replacements for radios, calculators, clocks. Adhesive backing — just peel and stick!
64-2346 89c

Hook-and-Loop Fastener Strips



Long-lasting 3" strips with adhesive backing for attaching items to car dash, grill cloth to speakers, small speakers to walls.
64-2345 4/1.89

All-Purpose Tape



1⁹⁹
For Home, Car, Boat, Shop or Office
Watertight, airtight, unaffected by normal heat, cold or damp weather. 2"x30". 64-2347 1.99

Utility Knives



Low As 89c
^A Blade locks in four positions. For cutting, trimming or scoring. 2 1/2". 64-1852 1.99
^B Retractable blade with 3-position positive stops. Safe to carry in pocket. 4 1/2".
64-1859 89c

Archer® Tools Help You Get the Job Done Right

Pro-Quality 6¼" Cutters and Pliers



NEW FOR '92
NEW FOR '92
5.99 Each

A Diagonal Cutters. Made of long-life drop-forged chrome steel. Comfort-contoured insulated handles. 64-1811 5.99

B Long-Nose Pliers. Comfortable insulated grips. Made of drop-forged chrome steel. 64-1810 5.99

Stripper/Cutter Tool

Adjusts for #12 to #24 Wire **2.49**

Long blade gives smooth, flush cutting action. Spring-loaded easy-grip handle. 5¼". 64-2129 2.49

Dial Wire Stripper

Professionally strip and cut #12-#24 gauge wire. Spring loaded, insulated grips. 5". 64-1952 3.89



Automatic Wire Stripper

8.95

Strips Perfectly

Strips wire from #8 to #22 gauge in seconds, removes insulation cleanly without nicking or breaking. 7". 64-1919 8.95



Pliers for Electrical And Electronic Work



A 4½" Diagonal Cutters. Perfect for tight spaces, insulated. 64-1841 3.59

B 5" Long-Nose Pliers. Drop forged, polished, insulated grips. 64-1843 3.59

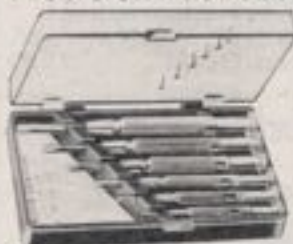
C 6½" Needle Nose Pliers. Hardened steel for long life, comfortable insulated grips. 64-1844 2.99

D 6" Diagonal Cutters. Insulated handle grips, hardened steel. 64-1845 2.99

E 6" All-Purpose Pliers. AC cord divider, nut wrench, stripper, cutter and crimper — all in one handy tool! Easy-grip insulated handles, drop forged. 64-1847 4.39

F 5" Nippy Cutters. Flush-cutting design lets you cut leads close to PC boards. Add a pair to your workbench. 64-1833 2.99

Precision Tool Sets With Fitted Case



A Screwdrivers. Six precision screwdrivers, sizes #1 through 6. Chrome-plated brass handles, swivel tops for one-hand operation. Widths 0.8 to 3.8mm. 64-1948 3.99

B Nutdrivers. Set of five with swivel tops, chrome-plated brass handles, torque bar. One-hand operation. 64-1957 3.99

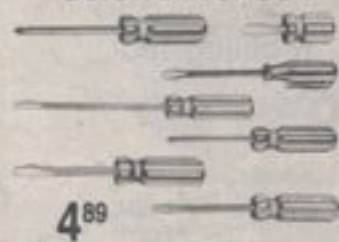


C Crosspoints and Hex Keys. Set of five with two crosspoint screwdrivers, three hex key wrenches, torque bar. 64-1958 3.99

D Combination Screwdrivers. Six precision screwdrivers. Two cross-point and four regular. 64-1959 3.99



7-Piece Professional Screwdriver Set



4.89

Includes ¼x1½" stubby, ¼x2¼" midget, ¼x4¼" mechanics, ¾x4" cabinet, ¾x6" cabinet, #1, #2 Phillips. 64-1823 4.89

6-Pc. Nutdriver Set



4.79 Hardened, Tempered Steel

Ideal for many purposes around the house or by repairmen. Sizes: ⅜" to ⅝". Easy-grip molded handles. 64-1821 4.79

8-Pc. Interchangeable Screwdrivers



3.49 Carry Case

Hardened steel 1⅞" blades, color-coded handles. Includes #0, 1, 2 Phillips (crosspoint); ¼", ⅜", ½" standard screwdrivers, scratch-awl, gimlet, torque handle. 64-1835 3.49

8-Pc. Interchangeable Nutdrivers



4.99 Color-Coded Handles

Drivers fit into master "Power Handle." With insulated handles, tempered steel, rustproof sockets. ¼", ⅜", ½", ⅝", ¾", 1", 1½", 2". 64-1800 4.99

4-in-1 Tool Kit



1.19

Three screwdrivers (two flat-heads, one crosspoint) and awl. Each has precision tip with durable plastic chuck handle. 64-1819 1.19

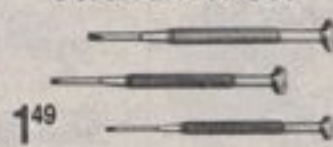
6-Pc. Miniature Tool Kit



3.19 Great for Hobbyists

Regular screwdrivers, cross-points, scribe and handle. Handy plastic stand. Pocket size! 64-1981 3.19

3-Piece Mini Screwdriver Set



1.49

Just right for fixing eyeglasses or other delicate instruments. Swivel heads for one-hand operation. Handy case. 64-1982 1.49

Two-in-One Reversible Screwdrivers



Low As 3.39

A Reverses #1 Phillips to ⅜" standard. 64-1950 3.39

B Reverses #2 Phillips to ½" standard. 64-1951 3.69

Handy for Glovebox

Archer Tools Make Your Electronic Projects Easier

Miniature Butane Torch



9⁹⁵

For Welding,
Soldering,
Removing
Paint, Putty

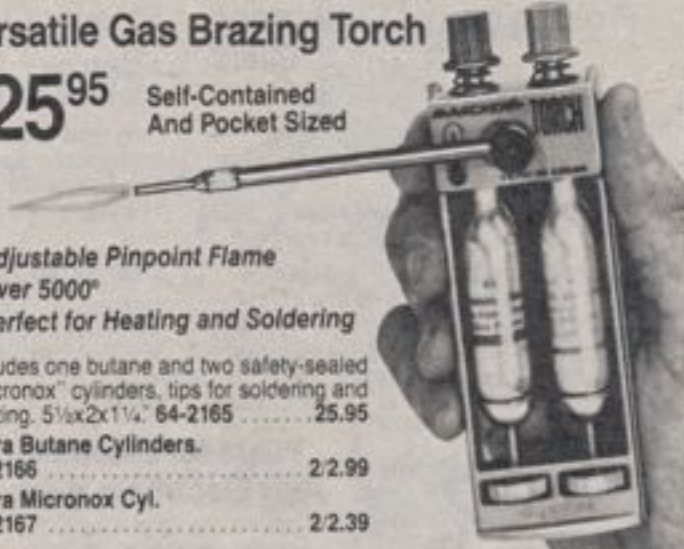
- Fully Self-Contained
- Can Heat to 2500°

Adjustable flame for controlled heat, precision-point accuracy. Perfect for hobby or craft work. Cylinder lasts up to 60 minutes. With refill, 64-2164 9.95
Extra Cylinders, 64-2166 2/2.99

Versatile Gas Brazing Torch

25⁹⁵

Self-Contained
And Pocket Sized



- Adjustable Pinpoint Flame Over 5000°
- Perfect for Heating and Soldering

Includes one butane and two safety-sealed "Micronox" cylinders, tips for soldering and brazing. 5/16x2x11/4" 64-2165 25.95

Extra Butane Cylinders, 64-2166 2/2.99
Extra Micronox Cyl., 64-2167 2/2.39

"Helping Hands"



7⁹⁵

Holds Work in Any
Position, Leaving
Both Hands Free

Six ball joints and two nickel-plated alligator-type clamps adjust to any angle — really simplifies work! Solid cast-iron base. 64-2093 7.95

Portable Mini-Vise



2⁹⁹

Handy for holding parts during on-the-spot soldering, glueing, drilling. Positive vacuum attachment for instant mounting on any smooth, non-porous surface.

64-2094 2.99

Desoldering Tool



8⁷⁹

- Spring-Loaded
- Easy to Use

Makes desoldering a snap! Just set the plunger and you're ready for instant, powerful desoldering, even on large solder connections. Easy, one-hand operation.

64-2085 8.79

Mini Desoldering Tool



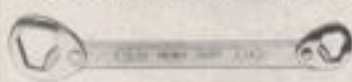
6⁴⁹

- No-Stick Spout
- One-Hand Action

The "Snortini" pump makes it easy to desolder and rework miniature and microminiature circuits. Easy one-hand operation!

64-2091 6.49

Versatile Multi Wrench

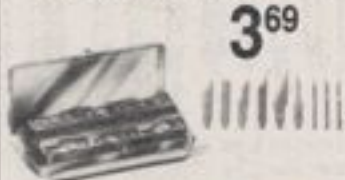


NEW FOR '82

3⁹⁹

Now there's a single tool that can handle all nuts and bolts from 3/8" to 1 1/4", 9mm to 22mm. Automatically adjusts! 8 1/2" long. 64-1863 3.99

Precision Knife Set



3⁶⁹

Ten multi-purpose interchangeable precision-ground steel blades for delicate cutting operations. With fitted plastic case. 64-1801 3.69

Pocket Knife Sharpener



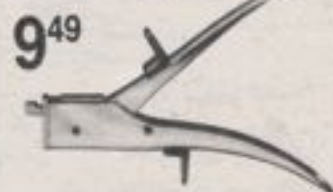
NEW FOR '82

2⁹⁹

Just pull blades through crossed carbon steels for maximum sharpness. For straight, scalloped or serrated blades.

64-1860 2.99

Nibbling Tool



9⁴⁹

Now you can hand-cut sheet metal quickly and easily. Cuts up to 18-gauge steel, 1/8" copper, aluminum, plastic.

64-823 9.49

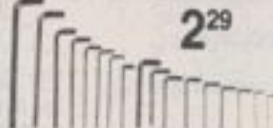
6-Pc. Hex Key Set



1⁶⁹

This folding hex key tool fits the six most popular hex key sizes. 64-1839 1.69

18-Piece Hex Key Set



2²⁹

Get a complete range of short and long arm sizes. 64-1849 2.29

Vacu-Bulb



2⁹⁹

Teflon Tip

Takes up solder safely, easily. No splattering, easy to clean, won't mar connections! 64-2086 2.99

Desoldering Braid



1⁴⁹

Easy way to repair or revise circuits. Use with soldering iron. 5" roll. 64-2090 1.49

Non-Conductive Tweezers



89c

Won't short out components. Serrated tips, non-metallic. 4 1/2" long. 64-1914 89c

Soldering Equipment for Quick and Easy Connections

Cordless Rechargeable Soldering Iron



23⁹⁵



With AC Cord,
Recharging Plug



**Solders Up to 100
Connections Per Charge**

No more cord tangle, and you can take it with you anywhere! Heats up in only 5 to 10 seconds and the high-efficiency copper tip spreads solder evenly. Built-in work light, too. Plugs into 120VAC for recharging overnight. 64-2075 23.95

Replacement Tip, 64-2076 2.49

75-Watt Lightweight Soldering Gun



15⁹⁵

NEW
FOR '81

Pull the trigger and the tip reaches full temperature in seconds. Flat back lets gun stand upright when not in use. Lightweight, comfortable to hold. U.L. listed. 64-2191 15.95

**Replacement
Tips for
Archer And
Weller Guns**

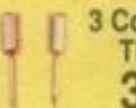
For Use With	Cat. No.	Pkg. of 2
Archer 64-2191	64-238	1.99
Archer 64-2190 Weller D440, 8200	64-237	1.99
Weller D550	64-234	1.99

Custom Design Your Own Soldering Iron

**Cool-Grip
Handle** 4⁴⁹

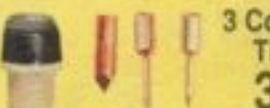


**2 Long-
Life Tips** 3⁹⁹



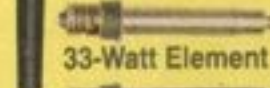
**Quick 'n Easy
Thread-On Tips**

**3 Copper
Tips** 3⁴⁹

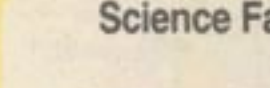


Interchangeable heating elements and tips make a complete low-priced "workshop." Use with comfortable "Cool-Grip" handle and you're all set. Heating elements U.L. listed.

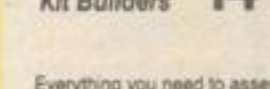
27-Watt Element 4⁴⁹



33-Watt Element 6⁴⁹



45-Watt Element 7⁴⁹



Description	Watts	Cat. No.	Each
Cool-Grip Handle		64-2080	4.49
600-650°F Heating Unit	27	64-2081	4.49
750-800°F Heating Unit	33	64-2082	6.49
850-900°F Heating Unit	45	64-2083	7.49
Light, Med., Heavy Duty Tips (Pkg. of 3)		64-2084	3.49
Long-Life Iron-Clad Light-Duty Tips (Pkg. of 2)		64-2089	3.99

Soldering Irons and Gun

Low
As **3⁴⁹**

- A** "Cool-Grip" 30-Watt Soldering Gun, 64-2066 3.99
- Replacement Tip, 64-2065 89c
- B** 30-Watt Pencil Iron, Lightweight, 7" long, 64-2067 3.49
- Replacement Tip, 64-2065 89c
- C** 42-Watt Pencil Iron, Insulated, 1/4" screw-in tip, 600-640°F. With stand, 64-2071 5.49
- Replacement Tip, 64-2072 1.29
- D** 25-Watt Pencil Iron, As above, but with 1/8" tip, 64-2070 4.95
- Replacement Tip, 64-2073 1.19



Science Fair® Electronic Tool Kit

**9-Piece Set
Designed for
Kit Builders** 14⁹⁵



Everything you need to assemble most electronic kits. Includes 30-watt U.L. listed pencil soldering iron with stand, solder, solder aid, needle-nose pliers, diagonal cutter, three screwdrivers (one cross point, one with built-in wire stripper), and a heat sink. 64-2801 14.95

Rosin Core Electronic Solder

- Standard, Light or Special PC
- Meets QQS-571E Federal Requirements

Low
As **89c**

Package Size	Size	Use	Cat. No.	Each
5-oz. Handy Pak	.062	Standard	64-001	89c
1.5-oz. Spool	.062	Standard	64-002	1.39
4-oz. Spool	.062	Standard	64-004	3.49
2.5-oz. Spool	.032	Light Duty	64-005	2.99
1.5-oz. Spool	.050	PC Work	64-006	2.19
1/2-lb. Spool	.062	Standard	64-007	5.89



Soldering Tweezer

1⁶⁹



Blunt, self-closing serrated points. 6 1/2" long. 64-1915 1.69

Solder Iron Holder And Cleaner

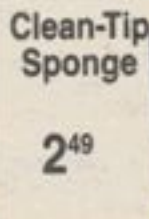
5⁷⁹



Coil holds iron, sponge pad keeps tips clean. 64-2078 5.79

Clean-Tip Sponge

2⁴⁹



Removes excess solder, keeps tips clean. 64-2087 2.49

4-Pc. Soldering Tool Kit

2⁹⁹



Includes heat sink, brush/scraper, pointed, slotted probes. 64-2227 2.99

Pre-Cut Tape Solder

**Solder With
A Match**

1³⁹



Wrap tape around twisted wires, heat with match or other flame for a good connection. 64-010 100/1.39

Micronta® Multitesters — Famous for Quality and Value



43-Range 50,000 Ohms Per Volt Multitester

39⁹⁵

- Range-Doubler Switch Doubles Current and Voltage Ranges
- 4 1/4" Mirrored Scale

Features a handy single-knob function switch, diode-protected meter movement, and a mirrored scale to prevent misreadings due to parallax. DC Volts: 0-250 mV, 2.5-10-50-250-1000 at 50 kΩ/V; 0-125 mV, 1.25-5-25-125-500 at 25 kΩ/V. AC Volts: 0-10-50-250-1000 at 10 kΩ/V; 0-5-25-125-500 at 5 kΩ/V. DC Current: 0-50 μA, 5-50-500 mA, 10A at 50 kΩ/V; 0-25 μA, 2.5-25-250 mA, 5A at 25 kΩ/V. Resistance: Rx1, Rx10, Rx100, Rx1000, Rx10,000 (10 ohms, center scale). Decibels: -20 to +62 in eight ranges. Accuracy: ±3% DC, ±4% AC. Carrying handle doubles as stand. 6 1/4"x4 1/4"x2 1/2". With test leads. Requires one "AA", one 9V battery. 22-204 39.95

27-Range 30,000 Ohms Per Volt Multitester

34⁹⁵

- Color-Coded 4" Mirrored Scale
- Single-Knob Function Switch

Four banana jacks including output jack, polarity-reverse switch. DC Volts: 0-0.3-1-3-10-30-100-300-1000 at 30,000 ohms/volt. AC Volts: 0-10-30-100-300-1000 at 10,000 ohms/volt. Current: 0-100 μA, 3-30-300 mA, 10 amps, DC. Resistance: Rx1, Rx10, Rx1000, Rx10,000 (10 ohms, center scale). Decibels: -10 to +62 in five ranges. Accuracy: ±3% AC, ±4% DC. Carrying handle doubles as stand. 6 1/4"x4 1/4"x1 1/4". With test leads. Requires one "AA", one 9V battery. 22-203 34.95



Complete Your Workbench at Low Shack® Prices



27⁹⁵



19⁹⁵



10⁹⁵

A 25 Ranges, 20,000 Ohms Per Volt. Single-knob range selector, 4" meter, mirrored scale, 6 pin-jacks including output jack. DC Volts: 0-0.6-3-15-60-300-800-1200 at 20,000 ohms/volt. AC Volts: 0-15-60-150-800-1200 at 10,000 ohms/volt. Current: 0-60 μA, 3-30-300 mA, DC. Resistance: Rx1, Rx10, Rx100, Rx1000 (24 ohms center scale). dB: -20 to +63 in five ranges. Accuracy: ±3% DC, ±4% AC. 5 1/2"x3 1/2"x1 1/2". With test leads. Requires "AA" battery. 22-202 27.95

B 18 Ranges, 20,000 Ohms Per Volt. Range selector with "off" position, 3" meter, mirrored and color-coded scale, output jack. DC Volts: 0-5-25-125-500-1000 at 20,000 ohms/volt. AC Volts: 0-10-50-250-1000 at 10,000 ohms/volt. Current: 0-50 μA, 0-250 mA, DC. Resistance: Rx1, Rx10, Rx1000 (24 ohms, center scale). dB: -20 to +62 in four ranges. Accuracy: ±3% DC, ±4% AC. 5 1/2"x3 1/2"x1 1/4". With test leads. Requires "AA" battery. 22-201 19.95

C 8-Range, 1000 Ohms/Volt Pocket Tester. Small size makes it perfect for shop, car and home! 2" meter, mirrored scale to prevent parallax, pin jacks for all ranges. AC and DC Volts: 0-15-150-1000. Current: 0-150 mA, DC. Resistance: Rx1000 (100,000 ohms, full scale). 3 1/2"x2 1/4"x1 1/4". With test leads. Requires "AA" battery. 22-027 10.95

Tester Carry Cases

Low As **5⁹⁵**

Safeguard Your Test Equipment



Meter not included

Organizes and protects your multimeter! Room for tester, test leads, manuals, extra batteries. Everything is always handy. Stain-resistant vinyl.

Use with Tester No.	Cat. No.	Each
22-203 204 196 198	22-153	6.95
22-201 202 197 027	22-154	5.95

Handy AC/DC Volt Testers



A 169 5-50V

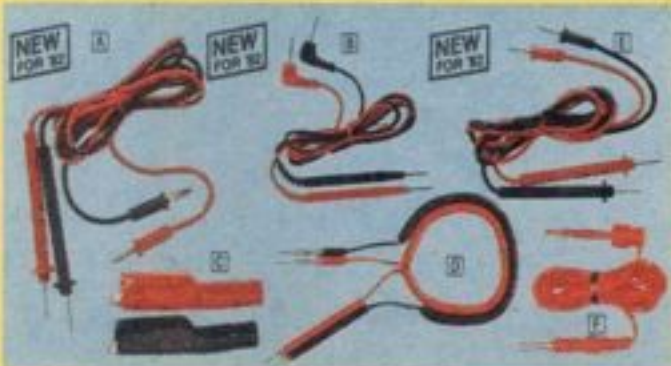


B 109 90-500V

A 5-50V. Ideal for automotive wiring. Checks AC or DC, identifies DC polarity. Red LED indicates live circuit. 272-202 1.69

B 90-500V. For house wiring, electrical equipment. Locates grounded lines, shorts, opens. Glow indicates live circuit. 272-201 1.09

Test Lead Kits & Clips for Quick, Convenient Testing



A 36" Leads With Banana Plugs. 4 1/4" long probes. One red, one black. 276-704 Pair 4.69

B 36" Leads With Right-Angle Pin Tips. 4 1/4" long probes. One red, one black. 276-712 Pair 1.99

C Insulated Alligator Clips. Slip over std. probe tips for hands-free testing. One red, one black. 270-354 Pair 1.49

D Coiled Cord Test Leads. Color-coded. Solderless 5" test probes at one end, banana plugs at other. Coiled cord extends to 6". Fits any multimeter. 276-750 Pair 3.99

E 36" Leads With Pin Tips. 4 1/4" long probes. One red, one black. 276-705 Pair 3.29

F Mini Clip Test Leads. Miniature clip at one end, banana plug at other. Gold-plated tip conductors. 2 1/4" long. 276-1160 Pair 3.59

State-of-the-Art Liquid Crystal Digital Multimeters



3 1/2-Digit LCD Autoranging Multimeter

99⁹⁵

- 10-Megohm Input
- Large 0.4" Display
- Overload and Fuse Protected

The DVM That "Thinks"

YOU select the desired function — DC Volts, AC Volts, K-Ohms or DC milliamps — IT selects the correct range and polarity, automatically! Exclusive range-hold overrides autoranging function when desired. Measures up to 1000 volts DC, 500 volts AC, 200 mA DC, 2 megs resistance. Low-battery and over-range indicators. Carry handle also serves as stand 6" x 3" x 1 1/4". With leads. Requires 9V battery or AC adapter.

22-198 99.95
AC Adapter, U.L. listed 22-180 7.95

20-Range LCD Multimeter

- 3 1/2-Digit Display
- 10-Megohm Input

79⁹⁵

Uses advanced LSI chip! Easy-to-read liquid crystal display with 0.4" digits. Features automatic polarity, zero adjust, over-range and low-battery indicators. AC and DC volts: 2-20-200-2000 (500V max. on AC, 1000V max. on DC). AC and DC Current: 2-20-200 mA. Resistance: 200-2k-20k-200k-2M-20M Ω . Overload and fuse protected. 6" x 3 1/4" x 1 1/4". Leads and manual included. Requires 9V battery or AC adapter.

22-198 79.95
AC Adapter, U.L. listed 22-180 7.95



13-Range LCD Multimeter

- 3 1/2-Digit Display
- 10-Megohm Input

59⁹⁵

Practical accuracy in a digital multimeter. Features easy-to-read 2 1/2" display, automatic polarity, zero adjust and over-range indicator. AC Volts: 200-2000 (500V max.). DC Volts: 2-20-200-2000 (1000V max.). DC Current: 2-20-200 mA. Resistance: 2k-20k-200k-2M. Overload protected. 3 1/2" x 2" x 1 1/4". With leads, instructions, vinyl pouch. Requires 9V battery or AC adapter.

22-197 59.95
AC Adapter, U.L. listed 22-180 7.95



Dynamic Transistor Checker

NEW FOR '82

14⁹⁵

Tests PNP and NPN Types, In or Out of Circuit

Indicates relative current gain, "opens" and "shorts," makes Go-No-Go tests on small signal and power types and permits matching of similar transistors. Socket plus hook-type test clips for in-circuit tests. Output jacks for external meter or scope. 2 1/4" x 4 1/8" x 1 1/4". Complete instructions. Requires "AA" battery. 22-025 14.95

Available Oct. 30, 1981

Microwave Leakage Detector



14⁹⁵

Microwave-frequency leakage from the door seals of faulty ovens can cause serious and even permanent health problems. Protect yourself and your family with this microwave monitor. Easy to use — move detector along seams and meter indicates the relative amount of any microwave energy. Not a certification instrument. Requires no AC power or batteries. 1 1/2" x 1 1/4" x 4 1/4". 22-2001 14.95

Hand-Held Digital Logic Probe

NEW FOR '82

19⁹⁵



Available Oct. 30, 1981

Easily Tests All Logic Families

Lets you "peek inside" any digital IC. Indicates high, low, or pulsed (to 10 MHz) logic states. Minimum detectable pulse width is 50 nanoseconds. Memory mode stores a single pulse indefinitely. Overload and reverse-polarity protected. 7 x 1 1/4" x 3 1/4" leads obtain power from circuit under test. 22-301 19.95

Auto Electrical System Analyzer

NEW FOR '82

5⁹⁵

Check Your Battery and Charging System From Inside Your Car!

Available Sept. 30, 1981



Spot automotive electrical problems before you're stranded. LEDs show condition of battery, alternator and regulator. Keep it handy and check your system often. Plugs into lighter socket. 12VDC neg. gnd. 22-1635 5.95

Pocket Size Signal Injector

5⁴⁹

For RF, IF and AF Circuits, Tube or Solid State



Quick and easy troubleshooting of each stage from antenna to speaker. Signal-on/battery condition indicator. With leads. Requires 2 "AA" batteries. 22-4033 5.49

Handy AC/DC Continuity Quick-Tester

4⁴⁹

1-300 Volts
0-20,000 Ohms,

Fits Easily Into Your Pocket



Red LED indicates continuity and voltage with two brightness levels. Detects DC polarity. Overload protected. Requires 2 "AA" batteries. 22-4034 4.49

Realistic LIFETIME® Tubes — The Name Says It All

They'll Last the Life of Your Set
Or We Replace Them...**FREE!**

(Except for Physical Damage)

Tube Type	Each	Tube Type	Each	Tube Type	Each
2AV2	4.29	6CJ3 6DW4B 6CL3	6.89	6KT8	9.59
3A3 3AW3	6.29	6EA8	5.69	6L86	13.19
3CU3A	8.29	6GH8A	4.29	6L6GC	10.19
3HM5 3HA5	7.39	6GY6 6GX6	5.29	6Z10 6J10	9.49
6AQ5 6HG5	5.49	6HM5 6HA5	6.39	8CG7 8F07	5.19
6AU6A	4.69	6HZ5	4.59	12AU7A ECC82	4.39
6BK4C 6EL4A	8.79	6JC6	6.59	12AX7A ECC83	4.59
6BL8 ECF80	4.69	6LQ6 6JE6A	12.19	17JZ8	7.49
6BD5 EL84	5.69	6JS6B	12.19	33GY7A	10.69
6CG7 6FQ7	4.99	6KD6	12.19	38HE7	11.79

Realistic LIFETIME Tubes are custom-made to our high standards. And because we have the final say on quality control, we can back them with an exclusive "no gimmick" replacement warranty. Types listed above are in stock at most locations.

FREE Tube Testing at most Radio Shack stores. You can do your own troubleshooting and save! Our testers are easy to operate — just follow the simple 1-2-3 directions — and our salespeople will be happy to assist you.



We Can Order Many
Hard-to-Find Tubes

2000
Types Available!

Our "Hot-Line" Service Delivers Almost Any Tube To Your Nearby Radio Shack Store Quickly!



If the tubes you need aren't in stock, just ask the Radio Shack store manager to special-order them for you from our warehouse. Within just a few days, you'll be notified that your tubes have arrived and are waiting for pickup. No extra charge for this convenient service!



Gold-Clad Contacts!

We know you want the best, so we use military-grade 24K gold-clad pins for better heat dissipation, less resistance and more positive tube-to-socket contact.

Archer-Pak Parts and Semiconductors — Top Values, Only \$1.98 Each!

50 Silicon Switching Diodes

Type 1N914. Ideal for logic circuits. Switching time as low as 4 ns. PRV, 90V, VF, 1.0. Silicon type with long axial leads. 276-1620 1.98

15 NPN General-Use Transistors

Type 2N2222. General-purpose amplifier, high-speed, medium power switching. Dissipation, 600 mW. I_c, 800 mA. Typical h_{FE}, 50. 276-1617 1.98

20 Assorted LEDs

May include types MV-5054, MV-50, RL-209, in red, green, amber. May also include infra-red emitting types and battery status indicators. 276-1622 1.98

10 LED Readout Displays

Hobbyist/experimenter assortment may include MAN-1, MAN-3, DL-747, DL-33 and others. All segments light. 276-1627 1.98

10 Assorted Voltage Regulators

May include adjustable or fixed (5-24V) types from LM-309K, 723, 340, 7800's and types UA79MG, UA79MG. Styles may vary. 276-1608 1.98

15 All-Purpose Transistors

2N3904. Popular NPN small-signal type. For amplification or switching use. Diss., 300 mW. V_{CE}, 40V. Typical h_{FE}, 50. TO-92 case. 276-1603 1.98

15 Amplifying Transistors

Type 2N3906. General-purpose, PNP small-signal type — one of the most popular. Diss., 350 mW. V_{CE}, 40V. Typical h_{FE}, 50. TO-92 case. 276-1604 1.98

8 Opto-Isolators

Ideal for logic circuits, AC/DC controls, solid state relays. Up to 1500V RMS isolation. Max. output current 100 mA. 276-1628 1.98

10 Assorted Mini Reed Switches

Hermetically sealed in glass for reliability. Contacts close when magnetic field is present. Gold-plated contacts rated 500 mA at 125VAC. 276-1610 1.98

12 Potentiometers And Trimmers

Assorted values and styles. Nylon cases. May include wirewound, multi-turn types and some with gold-plated pins. 271-1605 1.98

Pair of LED Digits

Seven-segment 0.5" red displays. Forward voltage: 1.75. Forward current: 20 mA segment. 276-1647, Common Cathode Pair 1.98
276-1648, Common Anode Pair 1.98

75 Coils and Chokes

RF, IF, audio and video peaking coils, chokes. May even include 455 KHz ceramic filter! 273-1570 1.98

Electrolytic Capacitors

Assorted pack of 20. Miniature and subminiature styles, values from 0.1 μ F to 47 μ F rated up to 50VDC. 272-802 1.98

25 Assorted Zener Diodes

Large selection of diodes with ratings from 2.8 to 120V; 250 mW to 5 watts. May even include double-anode types. 276-1629 1.98

100 Disc Capacitors

Includes NPO's, Hi-Q's, N-750's, Mylar and ceramic types. Values from 2 pF to 0.1 μ F, in working voltages up to 1 kV. 272-801 1.98

25 Polyester Capacitors

Block-type capacitors with radial leads. Lead spacing in .100" multiples for micro-board mounting. 272-803 1.98

25 Assorted Ferrites

Includes toroids, ferrite beads, threaded cores. Useful for RF chokes and coils, impedance-matching transformers, etc. 273-1571 1.98

3 Hall-Effect Switches

Detect magnetic fields electronically. 750 gauss "on" threshold. Switch 5 to 16VDC, up to 20 mA. Similar to type 3006ULN. 276-1646 1.98

4 Trigger Diodes
Bidirectional Avalanche Switch

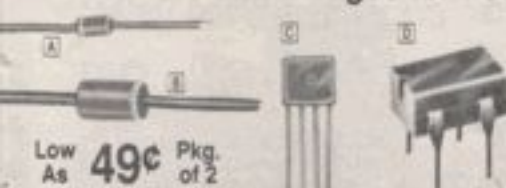
For use in simple relaxation oscillators, pulse generators, and with triacs for AC phase-control circuits. 276-1649 1.98

Assorted PC Boards

85 square inches! May include glass-epoxy, double-sided, phenolic and single-sided boards. 276-1591 1.98

Wide Selection of Quality Solid-State Devices and ICs

Rectifiers and Bridges for Power Supplies, Replacement Use



Low As **49c** Pkg. of 2

2 Micromini 1A Diodes. 1N4000-series. 30A surge

Peak Inverse Voltage (PIV)	Cat. No.	Pkg. of 2
50	276-1101	49c
200	276-1102	59c
400	276-1103	69c
600	276-1104	79c

3 3A "Barrel" Diodes. 1N5400-series. 300A surge.

PIV	Cat. No.	Pkg. of 2
50	276-1141	79c
200	276-1143	89c
400	276-1144	99c

Type PTC205 2.5A, 1000PIV Silicon Diodes. Use in high voltage and high-current power supplies. Just 1/4" x 1/4" 276-1114 Pkg. of 3/1.49

4 4A Full-Wave Bridge Rectifiers. Heavy-Duty.

PIV	Cat. No.	Each
50	276-1146	1.39
100	276-1171	1.59
400	276-1173	1.89

5 1A, 50PIV Full-Wave Bridge Rectifier. Rated 25A surge. For PC board or socket mounting. Two fit into a 14-pin DIP socket. 276-1161 89c

6 25A, 50PIV Full-Wave Bridge Rectifier. Ideal for heavy-duty supplies. 1/2" square metal case helps dissipate heat, yet is electrically isolated for simplified mounting. 276-1185 2.69

7 6A, 50PIV Full-Wave Bridge Rectifier. Heavy-duty "box" type. 276-1180 2.19

8 1.4A Full-Wave Bridge Rectifiers. TO-5 cases

PIV	Cat. No.	Each
50	276-1151	1.09
100	276-1152	1.19

4000-Series CMOS ICs Low As 79c

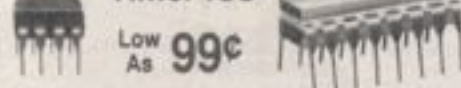
- With Pin-Out & Specs
- 100% Prime "B" Series
- Operate From 3 to 16VDC
- Medium-Speed • Static-Protected



Description	Type	Cat. No.	Each
Quad 2-Input NOR Gate	4001	276-2401	.79
Quad 2-Input NAND Gate	4011	276-2411	.79
Dual Type D Flip-Flop	4013	276-2413	.99
Decade Counter/Divider	4017	276-2417	1.69
Dual J-K Flip-Flop	4027	276-2427	1.19
Quad Latch	4042	276-2442	1.29
Inverting Hex Buffer	4049	276-2449	.99
Non-Inverting Hex Buffer	4050	276-2450	.99
Quad Bilateral Switch	4066	276-2466	1.19
Quad Exclusive-OR Gate	4070	276-2470	.99
2-Input AND Gate	4081	276-2481	.89
BCD to 7-Seg Latch Driver	4511	276-2447	1.99
Dual Monostable Multivib	4528	276-2496	1.49

MC14553 Display Driver. CMOS chip features three decade counters and built-in display multiplexer in single 16-pin DIP. Can replace over eight separate ICs in a display circuit! With data. 276-2496 3.59

Timer ICs



Low As **99c**

Resettable time from a μ s to one hour. Output can source or sink 200 mA. 4.5-16VDC.

Type	DIP	Cat. No.	Each
555 (Single)	8-Pin	276-1723	.99c
556 (Dual)	14-Pin	276-1728	1.49
558 (Quad)	16-Pin	276-1742	2.49

7555. CMOS replacement for 555 with extremely low power consumption (80 μ A). 100 mA source or sink. 276-1743 1.99

SCRs and Triacs



Low As **99c** TO-220 Cases

6-Amp SCRs. Ideal for motor control. With data. 200V. 276-1067 99c
400V. 276-1020 1.19

6-Amp Triacs. For light dimmers, heat element control. Immune to transient damage. 200V. 276-1001 99c
400V. 276-1000 1.19

RAMs Low As **279**

- Under 450 ns Access
- For Computer Memories

2102L Static RAM. 1024 bits of storage. 16-pin DIP. TTL and DTL compatible. No clock or refresh required. 276-2501 2.79

2114L Static RAM. 4096 bits, 1024x4 array. NMOS design, high density. 16-pin DIP. 276-2504 7.95

Dynamic RAM 4116. 16,384 bits in 16-pin DIP. 250 ns access, 1 ms refresh. Requires +5, -5, +12VDC supply. TTL compatible. 276-2505 5.95

Voltage Regulator ICs



Low As **89c**

9 LM723. Adjustable: 0 to 40VDC, 150 mA maximum. 14-pin DIP. 276-1740 89c

10 LM317. Adjustable: 1.2 to 37VDC output, 1.5A maximum. TO-3 case. 276-1777 4.99

11 LM317T. Adjustable: 1.2 to 37VDC output, 1.5A max. TO-220 case. 276-1778 3.99

12 LM337T. Negative version of LM317T. For negative power supplies. 276-1779 3.99

13 LM350T. Adjustable: 1.2 to 37VDC output, 3A maximum. TO-220 case. 276-1776 7.95

Fixed Voltage Regulators. Offer excellent ripple rejection. Overload protected with thermal shutdown. Max. input voltage: 35VDC, output current up to 1A. TO-220 cases.

Type	Output VDC	Cat. No.	Each
7805	+5	276-1770	1.59
7812	+12	276-1771	1.59
7815	+15	276-1772	1.59
7905	-5	276-1773	1.79

89c 1-Watt Zener Diodes

Type	Zener Voltage	Cat. No.
1N4733	5.1	276-565
1N4735	6.2	276-561
1N4739	9.1	276-562
1N4742	12	276-563
1N4744	15	276-564

Small-Signal & Microwave Diodes

Low As **99c** Pkg. of 10

1N914/4148. Silicon switching diodes. 100% prime. 75PIV. 276-1122 Pkg. of 10 99c

1N34A. General-purpose germanium diodes. 60PIV. VF: 1.0. 276-1123 Pkg. of 10 99c

5082-2835. Schottky barrier diode. Ideal for UHF and microwave mixers. Maximum capacitance: 1 pF. 276-1124 Pkg. of 2 1.99

TTL Digital ICs

Low As **59c**

- 5VDC Operation • With Pin-Out & Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	7400	276-1801	.59
Quad 2-Input NOR Gate	7402	276-1811	.79
Hex Inverter	7404	276-1802	.79
Quad 2-Input AND Gate	7408	276-1822	.79
BCD to 7-Seg. Decoder/Drvr	7447	276-1805	1.19
BCD to 7-Seg. Decoder/Drvr	7448	276-1816	1.29
Dual J-K M-S Flip-Flop	7473	276-1803	.89
Dual D Flip-Flop	7474	276-1818	.99
Quad Latch	7475	276-1806	.99
Dual J-K M-S Flip-Flop	7476	276-1813	.89
Div. by 2 or 5 BCD Counter	7490	276-1808	.99
Decade. - 12 & Bin. Counter	7492	276-1819	.99
4-Line to 16-Line Decoder	74154	276-1834	1.49
Up/Down Decade Counter	74192	276-1831	1.19
Syn. Up/Down Counter	74193	276-1820	1.39

Low-Power Schottky ICs Low As 79c

- Faster Than TTL • With Pin-Out & Specs

Description	Type	Cat. No.	Each
Quad 2-Input NAND Gate	74LS00	276-1900	.79
Quad 2-Input NOR Gate	74LS02	276-1902	.79
Hex Inverter	74LS04	276-1904	.79
Quad 2-Input AND Gate	74LS08	276-1908	.79
Quad 2-Input OR Gate	74LS32	276-1915	.89
Dual D Flip-Flop	74LS74	276-1919	.79
4-Bit Bistable Latch	74LS75	276-1920	.99
Decade Counter	74LS90	276-1923	1.09
Retrg. Monostable Multivib.	74LS123	276-1926	1.49
1 of 8 Decoder/De-multiplex.	74LS138	276-1939	1.19
4-Bit Binary Counter	74LS161	276-1931	1.39
8-Bit Shift Register	74LS164	276-1932	1.39
Quad D Flip-Flop	74LS175	276-1934	1.19
Up/Down Bin. Counter	74LS193	276-1936	1.49
Octal Inv. Bus/Line Driver	74LS240	276-1940	1.99
Oct. 3-State Non-Inv. Driver	74LS244	276-1941	1.99
Oct. Non-Inv. Bus Xceiver	74LS245	276-1942	2.99
Hex Buffer (3-State)	74LS367	276-1835	1.29
Oct. D Latch, Fall Thru	74LS373	276-1943	2.39
Oct. D F-F (Edge Triggered)	74LS374	276-1944	2.39

The Shack® — Headquarters for Today's Linear ICs

Sound Generators



Low As
449

Linear iL Devices

SN76488. This 28-pin DIP, a few parts and a little imagination creates an infinite number of sounds! Microprocessor compatible. Built-in 125 mW audio amp. With data. 276-1766

SN76477. Music, explosions, "gunshots," phasers — creates almost any type of sound! Line-level audio output. 28-pin DIP includes two VCOs, LF oscillator, noise generator, envelope modulator and timing logic circuit. With data. 276-1765

Adjustable Zener Diode



NEW FOR '92
189

TL431. Will sink 1 to 100 mA. Operates over 2.5V to 36V range. Design into voltage monitors, over and under-voltage protectors, constant-current sinks, series regulators and more. With data. 8-pin DIP. 276-559

A to D Converter



NEW FOR '92
259

TL507. Converts analog processes to the digital signals required for processor controlling — up to 1000 operations per second. iL technology enables single-supply operation. Contains seven-bit synchronous counter, resistor ladder network, op amp, two comparators, buffer amp, internal regulator and logic circuitry in an 8-pin DIP. Data included. 276-1789

D to A Converter



NEW FOR '92
449

16-Pin DIP

DAC801. Now a microprocessor or digital circuit will do more than simply turn "on" or "off"! Produces varying output voltages up to 20V peak-to-peak with 8-bit digital input. Operates from $\pm 4.5V$ to $\pm 18V$ (with only 33 mW power consumption at $\pm 5V$). Interfaces with all popular logic families. Includes data. 276-1791



NEW FOR '92
249

MC1330. An "original-equipment" replacement used in many solid-state TV sets. Fully balanced multiplier detector with excellent linearity. Produces separate video and AFT output signals. With specs. 8-pin DIP. 276-1757

IF Amplifier



NEW FOR '92
219

MC1350. A universal IF amp with AGC. At-home in both radio and TV receiver circuits. Usable from DC to beyond 60 MHz. AGC range is -60 dB min. With specs. 8-pin DIP. 276-1758

Stereo "Reverb" IC



1195

SAD1024. "Bucket Brigade" device adds variable reverb, phase shift, echo, chorus or vibrato effects to audio signals. Has two 512-stage shift registers that can be used independently or together. Reliable NMOS design, operates from single supply. 16-pin DIP with applications circuits and data. 276-1761

V to F, F to V



349

9400. High accuracy, low power consumption. Accepts an analog voltage and generates a linearly proportional output frequency, or provides a voltage output that's proportional to input frequency. Operates either mode to 100 kHz. Bi-polar CMOS design, for single or split supply voltages. 14-pin DIP. 276-1790

Sound Detector



NEW FOR '92
179

MC1358 CA3065. IF amp, limiter, FM detector and audio driver in a 14-pin DIP. Use as TV replacement IC or in home-brew receivers (100 kHz to 5.5 MHz IFs). Electronic attenuator replaces conventional volume control. With specs. 276-1759

Audio Amplifiers

Make Your Car Radio, Tape Player Sound Like New

Low As
109



LM383-TDA2002. Delivers up to 8 watts rms at 13.8VDC. TO-220 case. 276-703

LM1877. 2 watts rms per channel stereo amplifier. 9-30VDC. 14-pin DIP. 276-702

LM386. Low-voltage amplifier. 400-mW output. 4-12VDC. 8-pin DIP. 276-1731

BA521. Japanese IC replacement. 5.8-watt output. 12VDC. 276-704

TA7205AP. Japanese IC replacement. 5.8W output. 9-15VDC. THD: 0.07%. 276-705

Special-Purpose ICs



Low As
109

LM3909 LED Flasher. Pulses LEDs with minimum current drain and has dozens of other uses. Adjustable flash rate. Single 1.15 to 8VDC supply. 8-pin DIP. 276-1705

LM334 Temp. Sensor. Usable as a linear temperature sensor, or as a zero-drift current source by adding a resistor. 10,000-to-1 range. 1-40VDC. TO-92 case. 276-1734

MM5837 Noise Generator. Generates white and pink noise. Usable as voice generator in percussion units, synthesizers and for acoustics testing. Single or dual supply. 8-pin DIP. 276-1768

MM5369 Oscillator Divider. CMOS IC with 17 binary divider stages produces a very stable 60 Hz square wave using a TV colorburst crystal (IRS #272-1310) as a reference. Very low power consumption over wide 3-15VDC range. 8-pin DIP. 276-1769

Operational Amplifiers



Low As
79c



741C. Frequency compensated. Dual supply, up to 15VDC. 8-pin DIP. 276-007

1458. Dual op amp. Internally compensated. Dual 15VDC supply. 8-pin. 276-038

LM324N. Quad op amp. Operates from single 3 to 30VDC supply. 14-pin DIP. 276-1711

LM3900N. Quad Norton op amp. Single 4 to 38VDC supply. 14-pin DIP. 276-1713

TL081. BIFET op amp. Low distortion, 13V μ S slew rate. Low-noise JFET input stage. High input impedance. Dual supply, up to 18VDC. 8-pin DIP. 276-1716

LF353N. Wide-bandwidth dual BIFET op amp with JFET inputs. 13V μ S slew rate. Dual supply, up to 18VDC. 8-pin DIP. 276-1715

TL084C. Quad BIFET op amp. Internally compensated. Low-noise JFET inputs. 13V μ S slew rate. Dual 18VDC supply. 14-pin. 276-1714

339 Quad Comparator. TTL CMOS compatible. Wide 2 to 32VDC range. Single supply. 14-pin DIP. 276-1712

Phase-Locked Loops



Low As
159

For Modems, SCA, FM, Frequency Synthesis, AFSK

LM566. Function generator and FM modulator PLL. Highly linear operation. Maximum frequency: 1 MHz. 5-24VDC. 8-pin DIP. 276-1724

LM567. Tone and ultrasonic detector. 0.01 kHz to 500 kHz. 4.75-9VDC. 8-pin. 276-1721

LM1800 FM stereo decoder. No coils needed — all tuning is done with one pot. 30 dB (min.) stereo separation. 16-pin DIP. 276-1719

LM565. Basic building block for FM detectors, SCA and RTTY decoders, modems, frequency synthesizers. Digital and analog outputs. 14-pin DIP. 276-1720

LED Bar/Dot Display Drivers



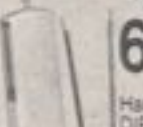
499

For Power, Voltage And Audio Displays

LM3914N. Ten adjustable analog steps, selectable bar or dot display mode. End-stackable up to 100 steps. Current-regulated LED outputs. 8-25VDC supply. 18-pin DIP. 276-1707

LM3915N. As above, but with 3 dB log steps. 276-1708

Insertor/Extractor Set



695 The Safe Way to Handle 8 to 24-Pin DIP ICs!

Handy tools help you remove or install DIPs without bending pins. Insertion tool has built-in pin straightener. Both tools can be grounded to protect static-sensitive devices. 276-1574

Set, 6.95

The Optoelectronic Devices You Need — At Low Prices

Solar Cells — Harness the Sun's Power



Low As
3⁹⁵

Solar cells are semiconductor devices made from silicon that convert light directly into electricity. They can power electronic projects, radios, calculators—even small DC motors in a solar-powered "windmill" or model boat. They can also charge batteries. The power output of a solar cell is affected by strength of sunlight, load resistance of the circuit, and outside temperature. At present, the monocrystalline type is the most efficient. However, a new type—the polycrystalline cell—promises to make solar cells a practical alternative power source in the future. You can connect solar cells in series to obtain more voltage, and in parallel for more current. All these cells are first-quality devices and include instructions.

Fig.	Size	Type	Typical Voltage	Max. Current (Short Circuit)	Cat. No.	Each
A	2.5x5 cm	Poly	0.42	0.2A	276-124	3.95
B	5x5 cm	Poly	0.42	0.5A	276-125	5.95
C	5x10 cm	Poly	0.42	1.0A	276-126	9.95
D	4" dia.	Mono	0.42	2.0A	276-127	16.95

Brighten Your Projects With Quality LEDs



A Color, Size and Shape for Almost Every LED Application

Pkg. Low of 2 As
79c

T-1½ (Jumbo) Diffused Lens

Fig.	Color	Cat. No.	Pkg. of 2
A	Red	276-041	79c
B	Yellow	276-021	89c
C	Green	276-022	89c

T-1 (Miniature) Diffused Lens

Fig.	Color	Cat. No.	Pkg. of 2
D	Red	276-026	79c
E	Yellow	276-031	89c
F	Green	276-037	89c

Submini Red Diffused Lens. 1.6V at 20 mA typ. 276-042 Pkg. 2/79c
Micromini Red Clear Lens. Type TLR-121 2.0V at 10 mA typ. Ideal for on-card logic monitoring. 1/8x1/8x1/8" 276-032 Pkg. 4/1.19

High-Brightness Fresnel Lens. Mount in 1/8" hole. 2V at 20 mA typ.

Fig.	Type	Color	Cat. No.	Pkg. of 2
J	TLR-107	Red	276-033	89c
K	TLG-107	Green	276-034	99c

Chrome LED Panel Lamp Holders. Accept std. T-1½ LEDs. 1/4" mtg. hole. 276-080 Pkg. 2/1.19

Rectangular LEDs. High brightness. Can be stacked vertically or horizontally. 2.0V at 20 mA typical.

Fig.	Color	Cat. No.	Pkg. of 2
M	Red	276-070	99c
N	Yellow	276-072	99c
O	Green	276-071	99c

LEDs With Chrome Holders. Ready to mount in 1/8" hole. Require approx. 2.0V.

Fig.	Color	Cat. No.	Pkg. of 2
P	Red	276-068	1.59
Q	Green	276-069	1.59

Unique LEDs

Low As
1²⁹

TriColor. Glows red on DC, green on reverse DC, yellow on AC. T-1½ size. 2.2V at 25 mA. 276-035 1.39
Red Flasher. CMOS IC and LED in one package. Rate: 5 Hz. 20 mA @ 5VDC. 276-036 1.29

Low-Cost Opto Devices

Silicon Phototransistor. Similar to FPT-100. TTL/DTL compatible. High sensitivity. 276-130 89c
Emitter/Detector Pair. LED source rated 20 mA at 1.7VDC. Sensitive phototransistor detector. 276-142 Pair 1.99

Seven-Segment LED Displays

LED Bar Graph Display

0.6"-High Numerals 2²⁹
Left Decimal. Common anode. 1.75V per segment. 25 mA typ. Bright—25° viewing distance. 276-056 2.29

0.3"-High Numerals 1⁷⁹
Left & Right Decimal. Common anode. 1.7V per segment. 20 mA typ. Fits 14-pin DIP socket. 276-053 1.79

NEW FOR '82
3⁷⁹
Fits 20-Pin DIP Socket
 Convenient way to add metering! Ten bright LED segments. Ideal for use with LM3914N and LM3915N driver ICs (see p. 100). Includes data. 276-081 3.79

Infrared Optocouplers

Low As
1⁴⁹ 6-Pin DIPs

- High I/O Isolation — 1 kV Min.
- Ideal for Interfacing Micro-Processors to Do Real-World Jobs

All IR Optocouplers have an LED input which requires approx. 1.2V and 20 mA. No electrical connection between input and output.

TIL-111 Transistor Output. 5 ms switching time typ. 276-132 1.49
TIL-119 Darlington Output. DC transfer ratio 300% min. at 10 mA. 276-133 1.99
MOC3010 Triac Output. Control up to 125VAC, 100 mA. 276-134 2.19
5CS11C3 SCR Output. Fast-latching operation. 276-136 2.49
MOC5010 Linear Amp Output. Convert an input current variation to an output voltage variation. 276-135 2.99

High-Output Infrared Emitter

NEW FOR '82
1⁴⁹

XC880-A. Emits as much energy as three conventional IR LEDs, yet consumes far less current. Good spectral match for photodiodes and transistors. Requires 1.3V. 20 mA. 276-143 1.49

Infrared Photodiode

NEW FOR '82
1⁴⁹

TIL413. Excellent linearity and fast PIN design. Ideal for IR communications—even music. Reverse voltage: 30V. Power dissipation: 150 mW. Side-look package. 276-144 1.49

Infrared Phototransistor

NEW FOR '82
89c

TIL414. T-1½ style case. High speed. Suitable for IR switching in model railroad electronics, data links, wireless remote control. NPN. 50-mW dissipation. 276-145 89c

Prewired LCD Alarm Clock Module

19⁹⁵

- 1/2"-High LCD Digits
- 12 or 24-Hour Time
- Reads Time/Day/Date



PCIM-161. Just add a 1.5V battery, three switches and a buzzer (RS #273-084) for a complete quartz-digital alarm clock! Built-in backlight plus PM, alarm-set and snooze indicators. Approx. 1/2x1 1/2x1 1/2" — mount anywhere! 277-1005 19.95

LED VU Meter Module

9⁹⁵

Fast Response — Update Your Audio System!



An electronic replacement for conventional VU meter. Ten-element red display has moving-point or bar-graph option. Requires 12VDC and a minimum of circuitry for use with line-level audio signals. 2x1 1/2x1 1/2" With data. 277-1009 9.95

Experimenter's PC Boards, Sockets and Accessories

Handy Aids Make It Easy To Design and Build Circuits



Low As **1.99**

Sockets Feature Corrosion-Proof Contacts

A **Experimenter's PC Board.** Holes match sockets **B** and **C**. You can design and debug a circuit on the socket, then transfer the final version to this board quickly and easily. 2 1/4 x 5 1/4 x 1/4", with 0.3" center for mounting devices in dual in-line packages (DIPs). 550 connection points. 276-170 **3.29**

B **Modular IC Breadboard Socket.** Standard 0.3" center for mounting DIP devices. These boards snap together horizontally or vertically and will accept 30 to 22-gauge solid hookup wire. Has two bus strips, 550 indexed connection points. 2 1/4 x 6", overall. 276-174 **10.95**

C **Modular IC Breadboard Socket.** Smaller version of above has two bus strips, 270 indexed connection points. 2 1/4 x 3 1/4". 276-175 **6.49**

D **Accessory Panel.** Snaps into interlock groove of **B**. Allows you to mount controls, switches and readouts. 5 1/4 x 2 1/4". 276-171 **1.99**

Phenolic PC Boards For Prototyping And Projects

Low As **1.09**

Pre-Drilled Mounting Holes

A **Grid Board.** Has 100x100" centers for DIP ICs and headers. Has 750 contact points. Indexed with letters and numbers for easy identification of component pinouts—really speeds wiring. 2 1/4 x 3 3/4". 276-158 **1.95**

B **Dual IC Board.** Accepts two 6 to 20-pin DIP ICs. Provides four contact points for each IC pin. 1 1/4 x 3 1/4". 276-159 **1.49**

C **Component Board.** 100 pads, each with four contact points. 1/2 x 1/2" centers for discrete devices. 3 1/4 x 3 1/4". 276-160 **1.95**

D **IC Socket Adapter.** Mounts one 6 to 16-pin IC or socket. Extends leads for easy soldering and breadboarding. 2 1/4 x 1 1/4". 276-024 **1.09**

Plug-In Boards and Connectors



A **Plug-In Boards.** All are 4 1/4 x 4", with 1/4" grids and fit sockets **B** or **C**.

B **44-Pin Card-Edge Socket.** With .025" wire wrapping posts. 276-1550 **3.99**

C **44-Pin Card-Edge Socket.** With solder lug terminals. 276-1551 **2.99**

Application	Material	Cat. No.	Each
Multi-Purpose	Phenolic	276-152	3.69
Multi-Purpose	Glass Epoxy	276-155	4.99
2-Voltage Source (Digital)	Phenolic	276-153	3.69
2-Voltage Source (Digital)	Glass Epoxy	276-156	4.99
3-Voltage Source (Op-Amp)	Phenolic	276-154	3.69
3-Voltage Source (Op-Amp)	Glass Epoxy	276-157	4.99

PC Board Holder

Free Hands for Easier Building & Repair

Mounts on bench or in a vise. Holds board securely, yet is fully adjustable so you can position board at any angle. Truly useful—you'll wonder how you got along without it! 276-1568 **6.95**

Quick-Wrap Tool



12.95

Dispenses and Strips Wire as You Wrap—Faster Than Soldering

Makes wiring a pleasure—not a chore! Cuts, strips and wraps 30-gauge Kynar® wire on .025" square posts. Ideal for "daisy chain" or point-to-point wiring. Holder accepts spools below. 276-1572 **12.95**

Low-Priced Wire-Wrapping Tool



5.95

• Hardened Steel Bit
• Handy Wire Stripper

Balanced 4 1/2" all-metal tool makes connections faster and more reliable than soldering. Strips, wraps and unwraps 30-ga. wire. Wire stripper stores in handle. No special skills required. 276-1570 **5.95**

Wrapping Wire, DIP Sockets and Wire Dispenser



A **30-Gauge Kynar® Wire.** 50-ft. spools fit Quick-Wrap Tool (above) and Dispenser (right). Ideal for use with any wrapping tool to make quick and reliable connections.

Color	Cat. No.	50-ft. Spool
Red	276-501	2.39
White	276-502	2.39
Blue	276-503	2.39
Yellow	276-504	2.39

B **Wire-Wrapping DIP Sockets.** .025" square posts accept 3 levels of wrap.

Pins	Cat. No.	Pkg. of 2
8	276-1988	1.19
14	276-1993	1.29
16	276-1994	1.39

C **Wire Dispenser Cutter Stripper.** Holds spools (A). Removes 1" of insulation. Plunger cuts wire to desired length. 276-1569 **2.99**

PC Board Layout Template



NEW FOR US

3.95

For Quick, Accurate PC Designs

Durable see-through stencil has exact-size cut-outs for all commonly used PC components. Ends guesswork—your finished boards will have that professional look! 276-177 **3.95**

Circuit Symbols Template



NEW FOR US

2.95

Draw "Pro-Quality" Schematics

A "must" for electronics students, teachers and designers. Durable see-through stencil has all the latest component and logic symbols, plus two rules. 276-178 **2.95**

Archer® PC Boards and Push-In Terminals



A **Push-In Terminals.** Ideal for breadboarding.

Fit Holes	Fit Boards	Cat. No.	Pkg. of 100
1/4" Dia.	C, D	276-1394	2.19
5/8" Dia.	E	276-1392	2.19

Pre-Drilled Phenolic Boards

Fg	Grid Hole Centers	Hole Size	Board Size	Cat. No.	Each
B	265x265	1/4"	3 1/2 x 5 1/2"	276-1582	1.29
C	187x187	1/4"	4 1/2 x 5 1/2"	276-1390	1.29
D	100x200	1/4"	4 1/2 x 5 1/2"	276-1392	1.29

IC-Spacing Perfboards

Size	Cat. No.	Each
4 1/2 x 6	276-1394	1.79
2 1/2 x 6	276-1395	1.39
6 x 8	276-1396	2.49

Solid Copper-Clad Boards

Size	Material	Sides	Cat. No.	Each
3x6"	Phenolic	1	276-1586	1.39
6x6"	Phenolic	1	276-1587	2.19
6x6"	Glass	2	276-1590	2.99

Archer Transistors Replace Most Types at Low Cost

"Must-Have" Books for Project Builders
And Technicians



NEW FOR '82

Low As
2.49

Sold Only at
Radio Shack!



A **Archer Semiconductor Reference Guide.** The guide to Radio Shack's high-quality semiconductor devices. Exclusive cross-reference-substitution section lists over 100,000 types! Also gives you detailed data and pinouts of ICs, diodes, SCRs, LEDs, optoelectronics and more. Illustrated. Over 250 information-packed pages. 276-4005 **Only 2.99**

B **Engineer's Notebook, Vol. II.** By Forrest Mims III. Practical integrated circuit projects that are easy to build! Gives applications of most popular linear and digital ICs. All have been built and tested. If you liked Volume I, you'll love this new 128-page book! 276-5002 **Only 2.49**

Radio Shack Has Replacements for Over 60,000 Types Of Transistors!

• Top Quality at Low Prices
• Data and Pin-Out Included

TO-220 TO-5 TO-92 TO-3 TO-92+ TO-202
See Semiconductor Reference Guide (Left) for Complete Cross-Reference

Replaces*			Type	Use	Diss	Case	Cat. No.	Each
GE	Sylvania	RCA						
GE53	ECG158	SK3004	PNP-G	SW	150mW	TO-5	276-2007	1.19
GE20	ECG123A	SK3122	NPN	GP	500mW	TO-92	276-2009	.79
GE81	ECG123A	SK3024	NPN	LL	360mW	TO-92	276-2010	.89
GE11	ECG107	SK3018	NPN	RF/IF	200mW	TO-92	276-2011	.89
GE20	ECG123A	SK3122	NPN	GP	360mW	TO-92	276-2014	.89
GE20	ECG123A	SK3122	NPN	SW	350mW	TO-92	276-2016	.69
GE66	ECG152	SK3054	NPN	P	40W	TO-220	276-2017	1.29
GE23	ECG175	SK3026	NPN	P	40W	TO-220	276-2018	1.29
—	ECG182	SK3188A	NPN	P	90W	TO-220	276-2019	1.69
GE241	ECG130	SK3027	NPN	P	90W	TO-220	276-2020	1.69
GE82	ECG159	SK3025	PNP	SW	400mW	TO-92	276-2023	.79
GE84	ECG159	SK3025	PNP	GP	360mW	TO-92	276-2024	.89
GE69	ECG153	SK3083	PNP	P	40W	TO-220	276-2025	1.29
GE69	ECG292	SK3083	PNP	P	40W	TO-220	276-2026	1.29
GE34	ECG197	SK3084	PNP	P	90W	TO-220	276-2027	1.49
GE243	ECG128	SK3024	NPN	P	1W	TO-92+	276-2030	.89
GE82	ECG159	SK3025	PNP	RF/IF	350mW	TO-92	276-2032	.79
GE82	ECG159	SK3025	PNP	SW	350mW	TO-92	276-2034	.79
GE277	ECG311	SK3195	NPN	RFP	5W	TO-39	276-2038	1.99
—	ECG261	SK3180	NPN-D	SW, HG	65W	TO-220	276-2068	1.29
—	ECG262	—	PNP-D	SW, HG	65W	TO-220	276-2069	1.29
GE14	ECG181	SK3027	NPN	P	115W	TO-3	276-2041	1.99
—	ECG249	—	NPN-D	SW, HG	120W	TO-3	276-2042	2.49
GE74	ECG219	SK3335	PNP	P	150W	TO-3	276-2043	1.99
MRF-901			NPN	RF-UHF	300mW	Macro-X	276-2044	2.99
—			Unijunction		360mW	X55	276-2029	.99

Making Your Own PC Boards is Easy & Fun!



A **Custom PC Board Kit.** Two 4 1/2x3" boards, resist-ink pen, resist-ink solvent, etchant, layout strips and circles, tank, 1/16" drill bit, instructions. 276-1576 **8.95**
Extra Pen. 276-1530 **1.39**
Extra Etching Solution. 16 oz. in plastic bottle. 276-1535 **2.49**

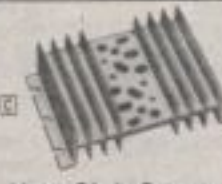
B **Direct-Etching Dry Transfers.** So easy! See-through sheet has circles, strips, IC and transistor pads and more. Just rub onto copper-clad PC board and you're ready to etch. Pro-quality boards in two steps. 276-1577 **Set of 4 2.49**

2.49

Heat Sinks



Low As
79c



A **TO-220 Heat Sink.** Anodized aluminum. Ideal for PC board-mounted power semiconductors in TO-220 cases. 276-1363 **79c**

B **TO-3 Heat Sink.** For power semiconductors in TO-3 cases. 276-1364 **1.39**

C **Universal.** Mounts two power devices, accepts 9 different case styles. 276-1361 **2.99**

Heat Sink Grease
1.29
Silicone compound insures proper heat transfer to sink or chassis. 276-1372 **1.29**

Transistor Sockets and Mounting Hardware



Low As
49c

A **TO-3 Sockets.** For transistors, regulators and other devices in TO-3 cases. 276-029 **Pkg. of 2 69c**

B **Transistor Sockets.** Accept transistors with inline or triangle pin pattern. 276-548 **Pkg. of 6 1.69**

C **Mounting Hardware.** For power transistors and other semiconductors. Includes screws, insulating washers, solder lug and bushings.

For Case Style	Cat. No.	Set
TO-3	276-1371	49c
TO-220	276-1373	49c

Japanese Replacement Transistors

Type	Type	Use	Diss	Case	Cat. No.	Each
25D313	NPN	AP	30W	TO-220	276-2048	1.79
25B596	PNP	AP	30W	TO-220	276-2049	1.69
25A733	PNP	GP	250mW	TO-92	276-2050	.79
25C945	NPN	GP	250mW	TO-92	276-2051	.79
25C1096	NPN	AP	10W	TO-220	276-2052	1.19
25C1909	NPN	RFP	10W	TO-220	276-2054	1.99

N-Channel Field-Effect Transistors (FETs)

Replaces	Use	Diss	gfs min/max μmhos	Case	Cat. No.	Each
2N3821	VHF Mixer, Amp	330mW	1.5/4.5	TO-92	276-2028	1.19
2N3819	Gen. Purpose	360mW	2.0/6.5	TO-92	276-2035	.99
2N3823	200 MHz RF Amp	300mW	3.5/6.5	TO-72	276-2036	1.29
VN10KM	VMOS Power FET	.1W	100-200	TO-92+	276-2070	1.59
VN67AF	VMOS Power FET	15W	250 typ	TO-202	276-2071	2.49
3N211, 40673	Dual-Gate MOSFET RF Amp, Osc., Mixer	360	1740 μmhos		276-2045	1.99

*In most circuits. SW = Switch P = Power Amp, Switch
 G = Germanium GP = General Purpose HG = High Gain
 D = Darlington LL = Low Level RFP = RF Power
 NOTE: All parameters are at 25°C. AP = Audio Power Amp

Spring Action
Set of 5
2.29

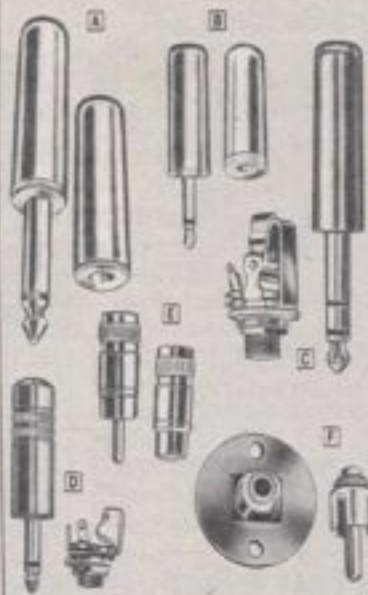
Protective Heat Sinks
Set of 5/2.29
For soldering transistors and other heat-sensitive devices without damage. 2 1/2" and 1 1/2" straight and bent-jaw types. With handy magnetic base. 276-001 **Set of 5 2.29**

Make the Connection With Archer® Plugs and Jacks



Quality Phono Jacks

- A** **Shielded Phono Jack.** Accepts RCA-type phono plug. Fits 1/4" mounting hole. Solder lug terminals for positive, low-loss connections. **1 1/2" x 1 1/2"** 274-346 **Pkg. of 4-1.79**
- B** **Shielded Inline Phono Jack.** Solder lug terminals. Mates with RCA-type phono plugs. Rugged metal construction for reliability. 274-338 **Pkg. of 2-1.19**
- C** **Dual Phono Jack.** Chassis mount for stereo changers, amplifiers, other components. Accepts two RCA-type plugs. Phenolic construction. 274-332 **Pkg. of 2-99c**
- D** **Quad Phono Jack.** Chassis mount design accepts up to four RCA-type phono plugs. Phenolic construction. 274-322 **89c**
- E** **Octal Phono Jack.** Chassis mount, accepts up to eight RCA-type phono jacks. Excellent for audio patch "bays." Phenolic. 274-370 **1.19**



Plug and Jack Sets

- A** **1/4" Standard.** Phone plugs, inline jacks. One set red, one set black. Screw terminal connections. 274-1241 **Pkg. of 2 Sets-2.59**
- B** **1/4" Miniature.** One black, one red set of two phone plugs, two inline jacks. 274-283 **Pkg. of 2 Sets-1.99**
- C** **3-Conductor Plug, Jack.** 1/4" open circuit jack, matching phone plug. Solder lug terminals. Includes mounting hardware. 274-323 **Set-1.79**
- D** **1/4" Miniature.** Set of two shielded phone plugs, closed circuit jacks. All-metal plug prevents hum pickup. 274-336 **Pkg. of 2 Sets-1.79**
- E** **Shielded Phono Plugs, Jacks.** Two sets of RCA-type plugs and jacks for audio connections. Fully shielded to prevent hum pickup. 274-334 **Pkg. of 2 Sets-1.69**
- F** **Phono Plug and Jack Sets.** For use with phonos, amplifiers, tuners, hi-fi equipment. 274-1575 **Pkg. of 8-1.99**

Phone Jacks For All Applications



- A** **Enclosed 1/4" Phone Jacks.** Accepts standard 1/4" phone plugs. Solder lug terminals for positive connections. Versatile panel or PC mounting. All include mounting hardware for quick, easy installation. **2-Conductor, Open Circuit.** 274-280 **69c**
3-Conductor, Open Circuit. 274-282 **89c**
- B** **Enclosed 1/4" Stereo Phone Jack.** Three-conductor. Double closed circuit. Strong, positive connection. Complete with schematic and hardware. 274-277 **1.39**
- C** **Enclosed 1/4" Miniature Phone Jacks.** **Closed Circuit.** 274-296 **Pkg. of 2-1.29**
Open Circuit. 274-297 **Pkg. of 2-1.19**
- D** **Inline 1/4" Phone Jacks.** Durable black bakelite shell. Accepts standard 1/4" phone plug. **1 1/2" x 1 1/2"** 274-340 **Pkg. of 2-1.69**
- E** **1/4" Phone Jack.** Accepts standard 1/4" phone plugs. With hardware for easy installation. **2-Cond. Open Cir., 2 Closed.** 274-324 **Pkg. of 4-2.39**
2-Conductor, Open Circuit. 274-252 **Pkg. of 2-1.29**
2-Conductor, Closed Circuit. 274-255 **Pkg. of 2-1.49**
3-Conductor, Open Circuit. 274-312 **Pkg. of 2-1.99**
3-Conductor, Closed Circuit. 274-311 **Pkg. of 2-2.49**
- F** **2-Conductor Inline Mini Phone Jacks.** Accepts 1/8" mini phone plugs. Easy to install. 274-333 **Pkg. of 2-1.29**
- G** **Stereo Inline 1/4" Phone Jack.** Slim black plastic 3-conductor jack mates with any 3-conductor stereo phone plug. Solder lug terminals, overall length, 2 1/4". 274-141 **Pkg. of 2-1.79**
- H** **2-Conductor 1/8" Subminiature Phone Jacks.** Accepts subminiature phone plugs. Perfect where space is "tight." Closed circuit. 274-292 **Pkg. of 2-1.19**
- I** **2-Conductor 1/8" Miniature Phone Jacks.** Mounts in 1/4" hole. Usable in panels up to 1/4" thick. Easy to install. **Open Circuit.** 274-251 **Pkg. of 3-1.29**
Closed Circuit. 274-253 **Pkg. of 3-1.39**

Phone And Phono Plugs



- A** **2-Conductor 1/4" Phone Plugs.** Long slim type with 1/2" diameter black bakelite barrel. 2 1/4" long. 274-1536 **Pkg. of 2-1.69**
- B** **2-Conductor 1/4" Phone Plugs.** Shielded to minimize hum pickup. Long slim type with 1/2" diameter metal barrel. 2 1/4" long. 274-1544 **Pkg. of 2-2.49**
- C** **2-Conductor 1/4" Phone Plugs.** Ribbed plastic 1/4" diameter barrel takes cord or phone tips. 2 1/4" long. 274-1539 **Pkg. of 2-1.79**
- D** **2-Conductor 1/4" Phone Plugs.** All-metal shielded flat right-angle type. Ideal for space-saving applications. 2 1/4" long. 274-254 **Pkg. of 2-1.89**
- E** **Right-Angle 1/4" Plug.** 2-conductor. Black shell. Screw type terminals. 274-256 **99c**
- F** **3-Conductor 1/4" Phone Plugs.** Slim line. Black bakelite barrel. Use with push-to-talk mikes, stereo headphones. 2 1/4" long. 274-139 **Pkg. of 2-1.79**
- G** **3-Conductor Phone Plug.** Shielded all-metal type. 1 1/4" length barrel. Nickel plated. Solder lug terminals. 2 1/4" long. 274-285 **1.59**
- H** **2-Conductor 1/4" Miniature Phone Plugs.** Solder lug terminals. 1 1/4" long. **Black.** 274-286 **Pkg. of 2-1.29**
Red. 274-287 **Pkg. of 2-1.29**
Shielded. 274-288 **Pkg. of 2-1.39**
- I** **3-Conductor 1/4" Miniature Phone Plugs.** Perfect for carry-around stereo portables. Solder lug connections. 274-284 **Pkg. of 2-1.69**
- J** **2-Conductor 1/8" Subminiature Phone Plugs.** Solder lug terminals. 1 1/4" long. Sets of 2. **Black.** 274-289. **Red.** 274-290. **Tan.** 274-291 **Pkg. 2-99c**
- K** **Finger-Grip Phono Plugs.** Wing-tip construction for easy use. For fast component hookup. 274-343 **Pkg. of 10-1.79**
- L** **Phono Plugs.** Three black, three red. Flexible plastic sleeving to prevent accidental shorting. With cable clamps. 274-451 **Pkg. of 6-1.29**
- M** **Shielded Phono Plugs.** Minimum hum pickup with metal connector that's designed for easier soldering. Mates with all RCA-type phono jacks. 274-339 **Pkg. of 2-1.99**
- N** **Color-Coded Phono Plugs.** Plastic insulated covers prevent short circuits. Cable clamp provides a strong, positive connection. Assorted colors. 274-321 **Pkg. of 8-1.69**

Complete Selection of Adapters, Plugs and Jacks

Shielded Plug Adapters to Solve Hookup Problems

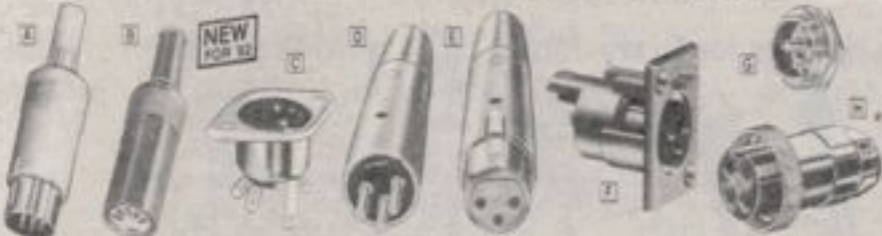


Positive
Mating
Contacts

- A** Adapts $\frac{1}{8}$ " miniature phone plug to standard $\frac{1}{4}$ " phone plug. 274-325 1.39
- B** Adapts $\frac{1}{8}$ " miniature phone plug to RCA-type phono plug. 274-326 1.39
- C** Adapts $\frac{1}{8}$ " miniature phone plug to $\frac{3}{16}$ " sub-miniature phone plug. 274-327 1.39
- D** Adapts $\frac{3}{16}$ " sub-miniature phone plug to $\frac{1}{8}$ " miniature phone plug. 274-328 1.39

- E** 3-Piece Plug Adapter Set. Adapts $\frac{1}{8}$ " mini phone plug to RCA-type plug, $\frac{1}{8}$ " mini phone plug to $\frac{1}{4}$ " phone plug, RCA-type phono plug to $\frac{3}{16}$ " submini plug. 274-046 Pkg. of 3 2.79
- F** Adapts $\frac{1}{4}$ " plug to $\frac{1}{8}$ " plug. 274-047 1.39
- G** Adapts RCA-type phono plug to $\frac{1}{4}$ " plug. 274-330 1.39
- H** Mike Adapter Plug. Adapts standard $\frac{1}{4}$ " plug to screw-on type coaxial mike plug. 274-048 1.39

Popular Audio and DIN-Type Connectors



- A** DIN-Type 5-Pin Audio Plug. For communications, audio and video interconnections. Built-in crimp-type strain relief. Shielded with snap-on plastic shell to protect internal connections. Solder terminals. 274-003 1.49
- B** DIN-Type 5-Pin Inline Socket. Designed to accept 3 or 5-pin male DIN-type plugs. Built-in crimping strain relief. Solder terminals. 274-005 1.49
- C** DIN-Type 5-Pin Chassis Socket. For pro audio applications. Designed to accept 3 or 5-pin male DIN-type plugs. Solder terminals. 274-005 59c

- D** A3M-Type 3-Pin Audio Connector. All-metal. Features cable strain relief bushing. With plated bronze contacts. $3\frac{1}{2} \times \frac{1}{2}$ " 274-010 3.19
- E** A3F-Type 3-Pin Audio Connector. Mates with A3M or C3M connector. Cable strain relief bushing. $2\frac{1}{2} \times \frac{1}{2}$ " 274-011 3.19
- F** D3F-Type 3-Pin Audio Connector. Locking type for sure connection. Pushbutton release. Accepts A3M audio plug. 274-013 3.69
- G** 4-Pin Chassis Mount Socket. Mates with 4-pin plug (below). Solder terminals. 274-002 99c
- H** 4-Pin Mike Plug. Used in many communications gear applications. With cable strain relief. Solder terminals. 274-001 1.59

Adapters for Trouble-Free Hook-Ups



- A** Adapter Set. Adapts $\frac{1}{8}$ " mini plug to: $\frac{3}{16}$ " subminiature jack, $\frac{1}{4}$ " standard phone jack, RCA-type phono jack. 274-359 Set of 3 2.69
- B** Shielded Y-Adapter. Two RCA-type phono jacks connected in parallel to a standard $\frac{1}{4}$ " phone plug. 274-304 1.79
- C** $\frac{1}{4}$ " Phone Jack to Phono Plug. Connects mikes, guitars, etc. to phono jack inputs. Shielded. 274-389 Pkg. of 2 2.39
- D** Shielded Y-Adapter. Two phono jacks connected in parallel to one RCA-type phono plug. 274-303 1.79
- E** Dual Microphone Speaker Adapter. Adapts two $\frac{1}{4}$ " 2-conductor phone plugs to a single $\frac{1}{4}$ " phone plug. 274-309 2.79
- F** Dual Phono Jack Couplers. Back-to-back RCA-type phono jacks to connect two cables with RCA-type phono plugs. 274-1553 Pkg. of 2 1.39
- G** Phono Plug Adapters. Inline adapter converts RCA-type phono plug to standard $\frac{1}{4}$ " plug. Molded body. Size: $1\frac{1}{2} \times 2\frac{1}{2}$ ". 274-320 Pkg. of 2 2.19
- H** Dual Miniature Jack Coupler. Back-to-back $\frac{1}{8}$ " phone jacks to connect two cables with $\frac{1}{8}$ " phone plugs. 274-1554 1.29
- I** Miniature Plug Jack Signal Reducer. Has $\frac{1}{8}$ " phone plug, accepts $\frac{1}{4}$ " phone plug. 51 dB of attenuation for distortion-free recording from earphone jack output to microphone jack input. Molded body. 274-301 1.99

2-Pin and Power Connectors



- A** 2-Pin Plugs and Sockets. Set of six in red, black and ivory. Plug size: $1\frac{1}{2} \times \frac{1}{2}$ ". Chassis mount socket, size $1\frac{1}{2} \times \frac{1}{2}$ ". 274-342 3 Sets 2.49
- B** Chassis Mount Jack. Coax jack for plugs below. One each of .085 and .097 sizes. 274-1549 Pkg. of 2 99c
- C** Coax Plugs. Fit adapter sockets of most battery operated equipment and jacks listed above. One each of .085 and .097" inside diameter. 1" Long. 216" outside diameter. 274-1551 Pkg. of 2 1.69
- D** $1\frac{1}{2}$ " Long. 196" outside diameter. 274-1550 Pkg. of 2 1.79
- E** AC Sockets. Chassis mounting requires minimum mounting space. Solder lugs. Easy-mounting flange with 1.25" hole spacing. U.L. listed. 270-642 Pkg. of 4 1.49

Headphone Adapters



- A** Dual Jack Adapters. Stereo $\frac{1}{4}$ " Phone Plug. Adapts two stereo headphones to a single $\frac{1}{4}$ " stereo plug. 274-302 2.99
- B** Mini $\frac{1}{4}$ " Phone Plug. Adapts two $\frac{1}{8}$ " miniature phone plugs to a single $\frac{1}{4}$ " plug. Mono. 274-310 1.59
- C** 3-Conductor Mini Plug. Adapts two $\frac{1}{8}$ " stereo plugs to one $\frac{1}{4}$ " stereo plug. 274-313 2.99
- D** $\frac{1}{4}$ " Stereo Jack to Mono $\frac{1}{4}$ " Phone Plug. For using stereo headphones with CBs, short-wave and ham sets, mono audio equipment. 274-360 1.59
- E** $\frac{1}{4}$ " Stereo Jack to $\frac{1}{4}$ " Mini Phone Plug. 274-361 1.59
- F** $\frac{1}{4}$ " Stereo Plug to $\frac{1}{4}$ " Jack. Permits listening or recording in mono from stereo headphone jack. 274-363 1.59
- G** $\frac{1}{4}$ " Stereo Plug to Phono Jack. Combines left and right channels from stereo headphone jack to mono output through phono jack. 274-365 1.59
- H** $\frac{1}{4}$ " Stereo Phone Jack to $\frac{1}{4}$ " Stereo Phone Plug. Use regular stereo headphones with the new generation of stereo mini-portables. 274-366 2.59
- I** $\frac{1}{4}$ " Stereo Phone Jack to $\frac{1}{4}$ " Stereo Phone Plug. 274-367 2.39

Radio Shack Has the Connectors and Fuses You Need

Feedthrough Barrier Strips



Low As
1.29

Barriers prevent short circuits. $\frac{1}{4}$ " solder terminals on rear. Durable thermoplastic.

Terminals	Cat. No.	Each
4	274-651	1.29
6	274-652	1.59
8	274-653	1.89

Barrier Terminals

Low As **1.19** Pkg. of 2



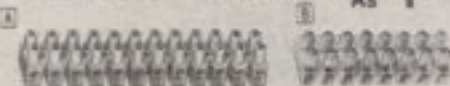
$\frac{1}{8}$ "-Wide, $\frac{1}{16}$ "-High Thermoplastic Base

Rated 600V, 30A max. High dielectric strength, low heat transfer. U.L. listed base material.

Terminals	Cat. No.	Price
2	274-656	2 for 1.19
3	274-657	2 for 1.39
4	274-658	1.29 Each
6	274-659	1.39 Each
8	274-670	1.49 Each

"European" Barriers

Low As **1.79**



European-style molded plastic terminal blocks feature recessed set-screws to prevent accidental contact. They accept up to 16-ga. wire and are rated to 600V, up to 10A per circuit.

12-Position, 274-679	2.19
8-Position, 274-678	1.79

5-Lug Tie-Down Terminal Strips

Only **89c** Pkg. of 4



Phenolic, $\frac{1}{4}$ " centers. Center lug for grounding. 274-688 Pkg. of 4 89c

Multi-Conductor Connectors



Error-free indexed pins — plugs fit only one way, and only into matching sockets. Heavy duty, 7.5A, 500V, 1800W maximum.

A Male Cord Connectors

Mates with B or C with same number of pins.

Pins	Cat. No.	Each
2	274-201	1.49
4	274-204	1.59
6	274-207	1.79

Low As **99c**



B Female Cord Connectors

2	274-202	1.59
4	274-205	1.69
6	274-208	1.89



C Chassis-Mount Connectors

2	274-203	.99
4	274-206	1.09
6	274-209	1.29

Fuse Holders for Every Job



A Clip-In. For chassis mounting. Accepts $1\frac{1}{4}$ " fuses. Bakelite construction. Solder terminals. 270-739 Pkg. of 2 79c

B Panel-Mount. For $1\frac{1}{4}$ " fuses. $1\frac{1}{2}$ " long, requires $\frac{1}{8}$ " mounting hole. Solder terminals. 270-364 89c

C Panel-Mount. For $1\frac{1}{4}$ " fuses. $1\frac{1}{2}$ " long, requires $\frac{1}{8}$ " mtg. hole. Modern-look square bezel. 270-365 99c

D Inline. For $1\frac{1}{4}$ " fuses. Spring assures positive contact pressure. Tinned wire leads. 270-1281 89c

E Quick-Connect. Solderless, for $1\frac{1}{4}$ " fuses, requires 14 to 24-gauge wire. 270-366 99c

Multi-Conductor Nylon Quick-Disconnects

Low **99c** Pair



Durable molded connectors for electronic and automotive use. Polarized to assure proper hookup. .090" dia. pins may be crimped or soldered to wire, then inserted into housing. Each circuit rated 8A at 250VAC.

No. of Pins	Type	Cat. No.	Each
4	Male	274-224	1.09
6	Male	274-226	1.39
9	Male	274-229	1.59
12	Male	274-232	1.69
4	Female	274-234	1.09
6	Female	274-236	1.39
9	Female	274-239	1.59
12	Female	274-242	1.69



A 2-Pin Male/Female Set, 274-222 Pair 99c

Easy-to-Use Crimp-On Pins

Custom Speaker Terminals



A Ideal for hi-fi, musical instrument and PA speakers — recessed design lets you mount enclosure flush to wall. Color-coded, spring-action terminals for easy wire hookup, plus RCA-type phono jack with a removable plug that maintains "seal" of acoustic suspension systems. 274-625 1.99

B Above with $\frac{1}{4}$ " phono jack in place of phono jack. With seal plug. 274-624 1.99

Pushbutton Terminals



A Deluxe spring-action terminals with lever release for quick hookup and positive contact. Color-coded (red and black). $2\frac{1}{4}$ " x $\frac{1}{4}$ " molded board with mounting holes $1\frac{1}{2}$ " apart. 274-621 1.19

B A touch of the molded button releases wire or allows easy insertion. Color-coded. On $2\frac{1}{4}$ " x $\frac{1}{4}$ " board with mounting holes $1\frac{1}{2}$ " apart. 274-315 99c

Wide Selection of Fuses



Fast-Acting fuses blow quickly to protect radios, amplifiers, electronic equipment and circuits that normally do not draw heavy current surges. Slow-Blow fuses protect devices that require high starting current — motors, solenoids, lamp circuits. A and B are $1\frac{1}{4}$ ".

A Fast-Acting

Amps	Cat. No.	Pkg. of 3
1/4	270-1270	89c
1/2	270-1271	89c
3/4	270-1272	89c
1	270-1273	99c
1.5	270-1274	99c
2	270-1275	99c
2.5	270-1260	99c
3	270-1276	99c
4	270-1277	99c
5	270-1278	99c
10	270-1279	99c
15	270-1280	99c

B Slow-Blow

Amps	Cat. No.	Pkg. of 2
1/4	270-1282	99c
1	270-1283	99c
1.5	270-1284	99c
2	270-1285	99c
3	270-1286	99c
4	270-1289	99c
5	270-1287	99c

C Plastic Auto

Used in most late-model vehicles. Carry spares!

Amps	Cat. No.	Pkg. of 2
5	270-1205	89c
10	270-1206	99c
15	270-1207	99c
20	270-1208	99c
25	270-1209	99c

A SFE-Type Auto

Amps	Cat. No.	Pkg. of 3
20	270-1268	99c

D Instrument Fuses. Used in Radio Shack LCD DVM and other test equipment. Rated 1A, $\frac{3}{4}$ "-long, $\frac{3}{16}$ " diameter. 270-1250 Pkg. of 2 89c

E Automotive Fuse Kit. Handy 10-pack of most-used types: two SFE-9, one AGC-3, one AGC-10, three 14 and three 20-amp. Be prepared! 270-1262 Set 1.79

Fuse-Puller



Insulated tool makes it easy to remove miniature, automotive, industrial and screw-in types without damage. Really handy! 64-1832 1.59

49 More Reasons to Buy Your Parts at The Shack!

High-Quality Power Transformers

Wide selection of popular values for project or replacement use. Manufactured by Radio Shack. Miniature types may be PC mounted. Standard and heavy-duty types have steel frames for chassis mounting. 18V CT transformers are ideal for regulated 5VDC power supplies using center tap, or 12VDC supplies using bridge rectifiers. All primaries for 120VAC, 60 Hz.



Ideal for Projects And Power Supplies

Audio Output Transformer



1.29

Miniature size, 1000-ohm center tapped primary, 8-ohm secondary, 30x16x1/2" 273-1380 1.29

Type	Volts	Current	Size in Inches	Cat. No.	Each
Miniature	6.3	300 mA	2 1/2 x 1 x 1 1/2	273-1384	2.79
Miniature	12	300 mA	2 1/2 x 1 x 1 1/2	273-1385	3.19
Miniature	24	300 mA	2 1/2 x 1 x 1 1/2	273-1386	3.49
Standard	6.3	1.2 A	1 1/2 x 1 1/2 x 1 1/2	273-050	3.79
Standard	12.6 CT	1.2 A	2 x 2 x 1 1/2	273-1505	3.99
Standard	24	1.2 A	2 x 1 1/2 x 3 1/2	273-1480	4.19
Heavy-Duty	12.6 CT	3 A	2 1/2 x 2 1/2 x 2	273-1511	5.99
Heavy-Duty	25.2 CT	2 A	2 1/2 x 2 1/2 x 2	273-1512	5.99
Heavy-Duty	12	5 A	4 x 2 x 2 1/2	273-1513	10.95
Heavy-Duty	18 CT	4 A	4 x 2 x 2 1/2	273-1514	10.95
Heavy-Duty	18 CT	2 A	2 1/2 x 2 1/2 x 2	273-1515	6.99

Insulated Alligator Clips



Low As **1.19**
Pkg. of 10

- A Mini Clips.** 1 1/4" long, jaws open to 3/16". Solder type with crimp fins. Includes 3 black, 3 red, 2 green, 2 yellow. 270-378 Pkg. of 10/1.29
- 1 1/4" Mini Clips.** Open to 1/4". Screw terminals. 6 black, 6 red. 270-1545 Pkg. of 12/1.89
- B Heavy-Duty Clips.** Rated 10A. 2 1/2" long, jaws open to 1/2". Includes 2 black and 2 red. Screw terminals. 270-349 Pkg. of 4/1.99
- C 2 1/2" Clips.** Open to 1/2". Solderless. 3 red, 3 black, 2 green, 2 yellow. 270-375 Pkg. of 10/1.59
- 1-Amp Clips.** 1 1/2" long, open to 3/8". Screw terms. 3 red, 3 black. 270-371 Pkg. of 6/1.89
- D 2 1/2" Clips.** Open to 3/8". Screw terms. 5 red, 5 black. 270-347 Pkg. of 10/1.59
- E Mini Alligator Clips.** 1 1/4" long. 5 red, 5 black. 270-374 Pkg. of 10/1.19
- F Micro Clips.** 1 1/2" long, open to 1/8". Brass-plated steel. Solder type. 5 red, 5 black. 270-1540 Pkg. of 10/1.99
- G Mini Claw Clips.** 1 1/4" long, open to 1/8". 5 red, 5 black. 270-369 Pkg. of 10/1.99

Tips, Clips, Plugs, and Posts



- A 5" Solderless Test Prods.** Tip fits std. phone tip jacks. 5 1/2" long with 1/2" tip. One red, one black. 274-720 Pkg. of 2/1.29
- B Solderless Banana Plugs.** Insulated, fit std. banana jacks. Knurled collar. 2" long. One red, one black. 274-721 Pkg. of 2/99c
- C Flexible Banana Plugs.** As above, with flexible insulation, strain relief. Solder type. 1 red, 1 black. 274-730 Pkg. of 2/99c
- D Solderless Phone Tips.** Fit std. phone tip jacks. Knurled collar. 2 1/4" long. One red, one black. 274-723 Pkg. of 2/99c
- E Banana Jacks.** Insulated. Require 1/4" mounting holes. With fiber washers, solder lugs. One red, one black. 274-725 Pkg. of 2/89c
- F Insulated Binding Posts.** Versatile—they accept spade lugs, phone tips, banana plugs, or wire. With hardware, solder lugs. 2 red, 2 black. 274-661 Pkg. of 4/1.69
- G Nylon Binding Posts.** Insulated. For 1/4" mounting holes. With solder lugs, hardware. 1 red, 1 black. 274-662 Pkg. of 2/1.39
- H Pushbutton Binding Posts.** For 1/4" mounting holes. Accept up to 14-gs. wire. With solder lugs. 1 red, 1 black. 274-660 Pkg. of 2/1.39
- I Micro Test Clips.** Spring-action—ideal for testing on hi-density PC boards. 1 1/2" long. Solder type. 1 red, 1 black. 270-370 Pkg. of 2/1.49
- J Mini Test Clips.** As above, but 2 1/4" long. 1 red, 1 black. 270-372 Pkg. of 2/1.49
- K Extra-Length Test Clips.** As above, but 3 1/2" long. 1 red, 1 black. 270-352 Pkg. of 2/1.69

Non-Insulated Alligator Clips



- A 2" Slim Clips.** All steel with screw terminals. 270-346 Pkg. of 10/1.59
- B Claw Clips.** Rated 5A. 1 1/2" long, open to 1/8". Screw terminals. 270-345 Pkg. of 8/1.49
- C Mini Clips.** Rated 1A. 1 1/4" long, open to 3/16". Solder type. 270-380 Pkg. of 12/1.19
- D All-Purpose Micro Clips.** Copper-plated with non-serrated ends. 1 1/2" long, open to 1/4". 270-373 Pkg. of 10/1.09

DC Buzzers

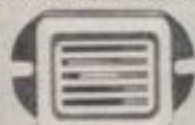


Low As **1.19**

Super loud, with low current drain—ideal for battery powered security and warning circuits. Round metal cases. With leads.

VDC	Cat. No.	Each
1.5-3	273-004	1.19
6	273-049	1.89
9	273-052	1.89
12	273-051	1.89

Mini 12VDC Buzzer



1.69

Small enough to hide, loud enough to get attention! 1 1/4" mounting centers. With leads. 273-055 1.69

Three DC Motors



1.49

For models, robots, or use as low-power generator. 1 1/2-5VDC. 273-208 Pkg. of 3/1.49

Piezo Buzzers



2.99

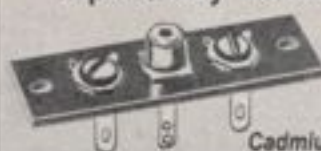


1.99

A Complete Buzzer. Loud 4.8 kHz signal. 1.5 to 20VDC. Ideal for battery circuits—draws just 12 mA at 9V. 1 1/2 x 1/2". With leads. 273-060 2.99

B Piezo Element. Small, yet delivers up to 90 dB at 6.5 kHz. Requires external driver circuit. 1 1/2" mounting centers. With data. 273-064 1.99

Top-Quality Terminal Strips



Low As **99c**
Pkg. of 2

Cadmium-Plated Terminals

Ideal for antennas and speaker connections. 1/2" wide.
2-Terminal With Centered RCA-Type Phono Jack. Shown above. 2 1/2" long. 274-620 Pkg. of 2/1.29
2-Terminal. 1 1/2" long. 274-663 Pkg. of 2/1.09
4-Terminal. 2 1/2" long. 274-665 Pkg. of 2/99c

Axial-Lead RF Chokes

Low As **89c**



Low-loss forms. Useful for RF bypass, filtering and peaking applications.
10 µH, 1.5 amps. 1/4" dia. x 1 1/2". 273-101 89c
100 µH, 2.0 amps. 3/8" dia. x 1 1/2". 273-102 1.09

Wide Selection of Quality Resistors, Potentiometers

100-Piece Resistor Packs



2.99
Each

1/4-Watt, 10% Tolerance. 21 values, all color-coded. Six each: 100Ω, 1k, 4.7k, 10k, 100k; five each: 150Ω, 330Ω, 470Ω, 680Ω, 15k, 220k, 470k, 1 meg; four each: 180Ω, 390Ω, 2.2k, 56k, 120k, 330k; three each: 22k, 270k.
271-306 Set of 100/2.99

1/4-Watt, 5% Tolerance. 13 popular values, all color-coded, for building or replacement. Ten each: 10Ω, 1k, 10k, 100k; eight each: 47Ω, 100Ω, 470Ω, 2.2k, 4.7k, 1 meg; four each: 150Ω, 220Ω, 15k.
271-308 Set of 100/2.99

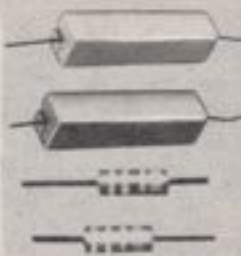
350 Assorted Resistors In See-Through Boxes



9.95
Each

\$33.25 Individual Parts Value!
1/4-Watt, 10% Tol. Popular values include: 10, 15, 22, 27, 33, 47, 68, 82, 100, 150, 180, 220, 270, 330, 390, 470, 560 and 680Ω; k-ohms: 1, 1.2, 1.5, 1.8, 2.2, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10, 12, 15, 22, 27, 33, 37, 39, 56, 100, 120, 150, 220, 270 and 470; meg-ohms: 1, 2.2, 10. **271-601** Set of 350/9.95

\$27.30 Individual Parts Value!
1/4-Watt, 5% Tol. Popular values include: 10, 15, 22, 27, 33, 39, 47, 51, 68, 82, 100, 150, 220, 270, 330, 390, 470, 510, 680 and 820Ω; k-ohms: 1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.0, 3.3, 3.9, 4.7, 5.1, 5.6, 6.8, 8.2, 10, 12, 15, 20, 22, 27, 33, 47, 51, 56, 68, 82, 100, 120, 150, 220, and 470; megohms: 1, 1.5, 3.3, 4.7, 10. **271-602** Set of 350/9.95



Long, Tinned Axial Leads

Low As **49¢**

Wirewound Power Resistors

Watts	Ohms	Tolerance	Cat. No.	Price
1	0.56	5%	271-072	2.69¢
1	1.0	5%	271-073	2.69¢
1	3.3	5%	271-075	2.69¢
2	10.0	10%	271-080	2.69¢
5	0.1	10%	271-128	49¢
5	0.33	10%	271-129	49¢
5	0.47	10%	271-130	49¢
10	1.0	10%	271-131	2.89¢
10	10	10%	271-132	2.89¢
10	50	10%	271-133	2.89¢
10	100	10%	271-135	2.89¢

Stepped (Click-Stop) Stereo Controls



Only **1.99**
Each

41
Detent
Positions

Top-quality audio taper dual pots with single 1/2"-long, 1/4"-dia. shaft. Ideal for new or replacement use, they add resetability and precision "feel" to volume, tone and balance circuits. Have 40% loudness contour tap. Requires a 1/2" mounting hole.

Value	Cat. No.	Each
5k	271-1730	1.99
10k	271-1731	1.99
100k	271-1732	1.99
500k	271-1733	1.99

Cadmium Sulfide Photoresistor



1.29

Ideal for Security, Sensing, Even Model Railroads!

Wide resistance range — 5 megohms in darkness to 100 ohms in bright light. Maximum dissipation: 200 mW at 170V. 1/2x 1/4" **276-116** 1.29

100k Joystick Pot

4.95

NEW FOR 95



• Top Quality • Low Cost
• Great for Video Games, Radio Controlled Cars, Planes, Boats and More

Twin 100k-ohm linear taper pots controlled by one removable shaft. Max. displacement from vertical position 30° in all directions. 1"-long control shaft. Body: 1 1/4" sq. Solder lugs. With mounting screws.
271-1705 4.95

Potentiometers

1.09
Each

• With Mounting Hardware
• Require 1/8" Mounting Hole
• 1 1/8" Long, 1/4"-Diameter Shafts

Audio Taper		
Value	Cat. No.	Each
5k	271-1720	1.09
10k	271-1721	1.09
100k	271-1722	1.09
500k	271-1723	1.09

SPST Pot Switch

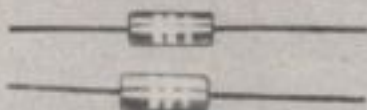


69¢

On/off switch mounts easily on rear of audio taper and linear taper controls below, and most other pots. Rated 3A at 120VAC. With instructions.
271-1740 69¢

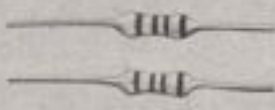
Linear Taper		
Value	Cat. No.	Each
5k	271-1714	1.09
10k	271-1715	1.09
50k	271-1716	1.09
100k	271-092	1.09
500k	271-210	1.09
1meg	271-211	1.09
2meg	271-093	1.09

1/2-Watt Resistors 10% Tolerance



19¢ Pkg. of 2

1/4-Watt Resistors 5% Tolerance



39¢ Pkg. of 5

1/2-Watt		1/2-Watt		1/2-Watt	
Ohms	Cat. No.	Ohms	Cat. No.	Ohms	Cat. No.
10	271-001	560	271-020	22k	271-039
15	271-003	680	271-021	27k	271-039
22	271-005	1k	271-023	33k	271-040
27	271-006	1.2k	271-024	39k	271-041
33	271-007	1.5k	271-025	47k	271-042
47	271-009	1.8k	271-026	56k	271-043
68	271-010	2.2k	271-027	100k	271-045
82	271-011	3.3k	271-028	150k	271-046
100	271-012	3.9k	271-029	150k	271-047
150	271-013	4.7k	271-030	220k	271-049
180	271-014	5.6k	271-031	270k	271-050
220	271-015	6.8k	271-032	470k	271-053
270	271-016	10k	271-034	1meg	271-059
330	271-017	12k	271-035	2.2meg	271-061
390	271-018	15k	271-036	10.0 meg	271-069
470	271-019				

1/4-Watt		1/4-Watt	
Ohms	Cat. No.	Ohms	Cat. No.
10	271-1301	6.8k	271-1333
47	271-1307	10k	271-1335
100	271-1311	15k	271-1331
150	271-1312	22k	271-1339
220	271-1313	37k	271-1340
270	271-1314	33k	271-1341
330	271-1315	47k	271-1342
470	271-1317	68k	271-1349
1k	271-1321	100k	271-1347
1.8k	271-1324	220k	271-1350
3.3k	271-1328	470k	271-1354
3.9k	271-1329	1meg	271-1356
4.7k	271-1330	10meg	271-1365

Miniature PC Potentiometers

49¢ Each 1/4 Watt



Ohms	Cat. No.	Each
1k	271-333	.49
10k	271-335	.49
25k	271-336	.49
100k	271-338	.49
500k	271-339	.49

Mini Controls

1.69
Each



• Fit 1/8" Hole
• With SPDT Switch

Value	Cat. No.	Each
5k	271-214	1.69
10k	271-215	1.69
100k	271-216	1.69

Printed Circuit Potentiometers



59¢
Each

• 1/4-Watt
• 260° Rotation

Thumb or screwdriver adjustable. Mount vertically on PC boards or terminal strips.

Ohms	Cat. No.	Each
500	271-226	.59
1k	271-227	.59
5k	271-217	.59
10k	271-218	.59
50k	271-219	.59
100k	271-220	.59
500k	271-221	.59
1meg	271-229	.59

Shop Radio Shack for the Best Values in Capacitors

Xenon Strobe Flashtube

2⁹⁹ Build a Strobe Light Or Slave Photoflash

Ideal for projects or replacement use. Trigger voltage: 4kV. Anode: 300V maximum. 200V min. Includes specifications. 272-1145 2.99

4kV Trigger Coil

1⁴⁹ Build a Photo Or "Disco" Strobe

Use with flashtube (above). Requires 200-300VDC primary source. With wiring diagrams. 272-1146 1.49

150 Ceramic Discs



\$24.35 Individual Parts Value! **9⁹⁵**

50WVDC. Contains 15 .005 μ F, ten each of 100, 220, 470pF; .001, .002, .01, .02, .05, 1 μ F; five each of 5, 47, 68, 330pF; 25 other assorted values. Sealed construction. 272-601 9.95

16 Axial-Lead Electrolytics

5⁹⁵



\$10.94 Individual Parts Value

35WVDC. Three each of 4.7, 10, 47 μ F; two of 22, 100 μ F; one of 220, 470, 1000 μ F. Includes reusable see-thru storage box with hanger hook. 272-604 5.95

16 Radial-Lead Electrolytics

NEW FOR '81



5⁹⁵

Save! \$11.54 Individual Parts Value!

35WVDC. For PC board use. Three 4.7, 10, 47 μ F; two of 22, 100 μ F; one of 220, 470, 1000 μ F. Includes reusable see-thru box with hanger hook. 272-605 5.95

Ceramic Disc Capacitors



Low As **29^c** Pkg. of 2
For RF, Bypass and Coupling Applications

Moisture proof coating for reliability. High "Q" for low loss in RF circuits. 50WVDC minimum.

pF	Cat. No.	Pkg. of 2	μ F	Cat. No.	Pkg. of 2
4.7	272-120	29	.001	272-126	39
47	272-121	29	.005	272-130	39
100	272-123	29	.010	272-131	39
220	272-124	29	.050	272-134	49
470	272-125	29	100	272-135	49

Printed Circuit Capacitors

• Epoxy Coated
• 50WVDC
Low As **59^c** Pkg. of 2



Miniature size, rugged construction. High stability and dielectric strength. Long radial leads.

μ F	Cat. No.	Pkg. of	Price
.01	272-1065	2	59
.022	272-1066	2	69
.047	272-1068	2	69
.1	272-1069	2	79
.22	272-1070	2	89
.47	272-1071	1	79

Aluminum Electrolytics



Low As **49^c**
16WVDC Minimum

Premium-grade capacitors with radial leads will replace more expensive and hard-to-find tantalum types in most applications. Low leakage. Subminiature.

μ F	Cat. No.	Each	μ F	Cat. No.	Each
1	272-1415	49	*3.3	272-1421	59
22	272-1416	49	4.7	272-1422	59
47	272-1417	49	6.8	272-1424	59
68	272-1418	49	10.0	272-1423	59
1.0	272-1419	49	22	272-1425	69
2.2	272-1420	59	33	272-1426	69

Ohm's Law Calculator



NEW FOR '81
Only 49^c
? E = IR?
You Can Rely on This Handy Pocket-Sized Slide-Rule Chart for The Correct Answer — Everytime!

Easy to use — provides quick answers to all Ohm's law problems. Back side has scales for parallel resistance calculations. 271-1211 49c

Color Code "Computer"

Only 49^c



Pocket-sized guide gives you quick numerical readout of resistor, capacitor and inductor values and tolerances in ohms, pF and μ H. RETMA standard. Really handy! 271-1210 49c

10.7 MHz IF Filter



NEW FOR '81
1⁹⁹
Pkg. of 2

SFE10.7MAS-A. For FM IFs. In/out impedances: 330 Ω . Bandwidth: 280 kHz (3 dB). 272-1301 Pkg. of 2: 1.99

Color TV Crystal

NEW FOR '81
1⁹⁹
3.579 MHz



Precision frequency standard in HC18/W package (wire leads). 272-1310 1.99

Miniature Electrolytic Capacitors



Axial-Lead Type

Low As **49^c**



Radial-Lead Type

High-grade aluminum cans use special end-seals for long life, and are welded at all critical terminations. Popular values in both axial and radial (PC) lead configurations.

μ F	Approx. Crossover Frequency (8 ohms)	Cat. No.	Each
1.0	10 kHz	272-996	79
2.2	8 kHz	272-997	79
4.7	4 kHz	272-998	89
10.0	2 kHz	272-999	99

Non-Polarized Electrolytics

Low As **79^c**

Ideal for speaker crossover networks, audio filters and more. Long axial leads.

μ F	WVDC	Leads	Cat. No.	Each
220	16	Axial	272-1006	79
220	16	PC	272-956	79
470	16	PC	272-957	89
1000	16	PC	272-958	99
4.7	35	Axial	272-1012	49
4.7	35	PC	272-1024	49
10	35	Axial	272-1013	59
10	35	PC	272-1025	59
22	35	Axial	272-1014	69
22	35	PC	272-1026	69
47	35	Axial	272-1015	69
47	35	PC	272-1027	69
100	35	Axial	272-1016	79
100	35	PC	272-1028	79
220	35	Axial	272-1017	89
220	35	PC	272-1029	89
470	35	Axial	272-1018	99
470	35	PC	272-1030	99
1000	35	Axial	272-1019	1.59
1000	35	PC	272-1032	1.59
2200	35	Axial	272-1020	2.49
3300	35	Axial	272-1021	2.99
4700	35	Axial	272-1022	3.59
100	50	PC	272-1044	.89
470	50	Axial	272-1046	1.59
1000	50	Axial	272-1047	1.99
2200	50	Axial	272-1048	3.49

Metal Film Capacitors

• Epoxy Dipped
• 250 WVDC

Low As **39^c**

Aluminum deposited mylar film for low leakage and high temperature stability. For PC or axial use.

μ F	Cat. No.	Each
.01	272-1051	39
.047	272-1052	49
.1	272-1053	59
.22	272-1058	69
.47	272-1054	79
1.0	272-1055	89

Shack® High-Quality Parts for Your Electronic Projects



Enclosed 4" AC Fan

15⁹⁵

Compact, Efficient, Quiet
Diecast Venturi

Equipment that runs cooler lasts longer! Delivers up to 70 CFM. Ideal for power supplies, radio equipment, computers. U.L. listed. 4⁹/₁₆x4⁹/₁₆x2¹/₂" 273-241 15.95



Touch-Tone® Key Pad Module

16⁹⁵

Great for Remote Control Circuits And Ham Radio Auto-Patching

Twelve-button keyboard has 1¹/₂x2" face. Requires 3-5VDC at 16 mA and crystal (below). 277-1010 16.95

TV Colorburst Crystal, 3.58 MHz. HC 18 W base. 272-1310 1.99

* Touch-Tone is a registered trademark of AT&T

Versatile Mini-Amplifier With Built-In Speaker

11⁹⁵

High-Gain IC Amp, 200-mW Output



Features a volume control, on/off switch, 1/8" phone jacks for input and external speaker or earphone. 100-10,000 Hz response. 1 mV input sensitivity. 2¹/₂x3³/₈x1¹/₄". Requires 9V battery. 277-1008 11.95

Project and Replacement Knobs



A Finely toolled, 2-tone top hat appearance. Brass set-screw, fits 1/4" shaft. 274-423 Pkg. 2:1.69

B Contemporary-styled metal shell over plastic. Fits 1/4" shafts. 274-424 Pkg. 2:1.89

C Knurled grip, chrome plate, aluminum inlay. With set-screw. 1¹/₂x1¹/₂" For 1/4" shafts. 0-10 Calibrated. 274-392 Pkg. 3:1.99

Single-Line. 274-391 Pkg. 3:1.99

D Knurled grip, 1¹/₂x1¹/₂". Brass brushings for 1/4" shafts. Single-Line. 274-414 Pkg. 2:1.39

0-10 Calibrated. 274-413 Pkg. 2:1.39

E Hexagon, fits 1/4" shafts. 1¹/₂x1¹/₂" 274-407 Pkg. 2:1.29

F Molded. Fit 1/4" shafts. Brass inserts and screws included. 1¹/₂x1¹/₂" 274-415 Pkg. 4:1.59

1x1¹/₂" 274-416 Pkg. 4:1.79

G 1/2" knurled, for 1/4" shafts. 1¹/₂" deep. 274-380 Pkg. 6:1.99

Archer® Enclosures for That "Pro" Appearance



Deluxe Project Box

7⁹⁵

Distinctive 2-tone coloring. End panels of ABS plastic for easy drilling. Internal slots and standoffs for PC boards. Modern appearance complements any project. Includes screws, self-sticking feet. 2¹/₄x5x5¹/₄" 270-218 7.95

Heavy-Duty Metal Cabinets



Low As **8⁹⁵**



Louvered top, 20-ga. aluminum front and bottom, rubber feet, handles. 5¹/₂x9¹/₂x6¹/₄" 270-270 10.95

20-ga. steel louvered cover, black finish top; 16-ga. aluminum chassis. 3¹/₂x7¹/₂x5¹/₂" 270-269 8.95

Slope-Front Metal Cabinets



NEW FOR '92



A 4⁹⁵ • Non-Slip Rubber Feet • "Hammertone" Finish **B** 8⁴⁹

A Ideal for test equipment, audio mixers, control panels. Strong, 18-ga. steel construction, 5¹/₂x4¹/₂x1¹/₂" (front), 2¹/₂" (rear). 270-264 4.95

B 7¹/₂x5¹/₂x1¹/₂" (front), 2¹/₂" (rear). 270-265 8.49

Portable Project Case

NEW FOR '92

3⁹⁵

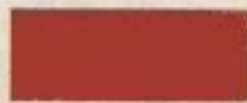
Compartment for batteries, top. 1¹/₂x3¹/₂x5¹/₂" Hardware. 270-219 3.95



Red Plastic Lens

1¹⁹

Ideal for LEDs. 2x6x1¹/₂" 270-299 1.19



Experimenter Boxes



Low As **1⁵⁹**

Plastic bodies with aluminum covers.

Size	Cat. No.	Each
3 ¹ / ₂ x2 ¹ / ₂ x1 ¹ / ₂ "	270-230	1.59
4x2 ¹ / ₂ x1 ¹ / ₂ "	270-231	1.69
5 ¹ / ₂ x2 ¹ / ₂ x1 ¹ / ₂ "	270-233	1.99
6 ¹ / ₂ x2 ¹ / ₂ x2"	270-232	2.39
7 ¹ / ₂ x4 ¹ / ₂ x2 ¹ / ₂ "	270-232	2.99

Project Cases



Low As **1⁶⁹**

High-impact plastic with internal slots to hold PC boards.

Size	Cat. No.	Each
4x2x1 ¹ / ₂ "	270-220	1.69
4x2 ¹ / ₂ x1 ¹ / ₂ "	270-221	1.89
4 ¹ / ₂ x2 ¹ / ₂ x1 ¹ / ₂ "	270-222	2.19
6x3 ¹ / ₂ x1 ¹ / ₂ "	270-223	2.69
7 ¹ / ₂ x4 ¹ / ₂ x2 ¹ / ₂ "	270-224	2.99

Chassis Boxes



Low As **1⁶⁹**

Hardware Included

All have pre-punched holes for easy assembly. With hardware.

Size	Cat. No.	Each
2 ¹ / ₂ x2 ¹ / ₂ x1 ¹ / ₂ "	270-235	1.69
4x2 ¹ / ₂ x1 ¹ / ₂ "	270-239	1.89
4x2 ¹ / ₂ x2 ¹ / ₂ "	270-236	2.29
5 ¹ / ₂ x3x2 ¹ / ₂ "	270-238	2.49

Metal Cabinets



Low As **2⁹⁹**

Winkie-finish 18-gauge steel top, 20-gauge aluminum chassis.

Fig.	Size	Cat. No.	Each
A	3 ¹ / ₂ x2 ¹ / ₂ x1 ¹ / ₂ "	270-251	2.99
B	4x2 ¹ / ₂ x1 ¹ / ₂ "	270-252	3.79
C	5 ¹ / ₂ x3x5 ¹ / ₂ "	270-253	4.79

Best Values on Bulbs, Battery Holders and More

Incandescent Bulbs



A wide variety of incandescent lamps to fill most replacement and project needs.

Volts	mA	Type	Base Style	Cat. No.	Pkg. of	Price
1.5	25		Leads	272-1139	1	79c
2.25	250	222*	Threaded	272-1124	1	69c
2.33	270	PR-4	Flange	272-1122	1	69c
2.38	500	PR-2	Flange	272-1120	1	69c
2.47	300	14	Threaded	272-1132	1	79c
3.57	500	PR-3	Flange	272-1121	1	69c
4.75	500	PR-13	Flange	272-1151	1	79c
4.8	500	PR-15	Flange	272-1125	1	69c
5.95	500	PR-12	Flange	272-1123	1	69c
6.0	25		Leads	272-1140	1	79c
6.0	100	T-1 1/4	Threaded	272-1142	2	89c
6.3	250	44	Bayonet	272-1108	1	69c
6.3	150	47	Bayonet	272-1110	1	69c
6.3	150	1847	Bayonet	272-1115	1	79c
6.3	150	40	Threaded	272-1128	1	79c
6.3	250	46	Threaded	272-1130	1	79c
7.5	220	51	Bayonet	272-1113	1	69c
7.5	220	50	Threaded	272-1133	1	69c
8.0	300	T-3	End Cap	272-1136	1	1.19
12.0	15CP	931	Bayonet	272-1116	1	99c
12.0	75	T-1 1/4	Threaded	272-1143	2	89c
12.0	25		Leads	272-1141	1	79c
12.0	250	T-3	End Cap	272-1137	1	1.19
14.0	270	194	Wedge	272-1126	1	99c
14.0	230	1891	Bayonet	272-1112	1	69c
14.0	200	1615	Bayonet	272-1118	1	69c
14.0	200	1487	Threaded	272-1134	1	79c
14.4	120	52	Threaded	272-1127	1	99c
14.4	120	53	Bayonet	272-1117	1	69c
28.0	40	1619	Bayonet	272-1119	1	69c

*Pre-Focus Penlight Type. †Hi-Intensity.

Neon Glow Lamps

Operate from 70V and up. Use dropping resistor value from chart for 120VAC use.

Type	Watts	Series Res.	Cat. No.	Pkg. of	Price
NE-2	1/8	220k	272-1101	2	59c
NE-2H*	1/8	22k	272-1102	2	69c

*High brightness.

Micronta® Precision Panel Meters



895 Each
0-50 μ A DC
0-1 mA DC
0-15VDC

Jeweled D'Arsonval movements. Accuracy, $\pm 5\%$ full scale. 2 1/2" x 2 1/4" x 1 1/4". Need 1 1/8" round mtg. hole.

0-50 μ A DC. 270-1751 8.95
0-1 mA DC. 270-1752 8.95
0-15VDC. 270-1754 8.95

Microphone Elements

For Projects or Replacement

Low As **159**

A Omnidirectional Electret. Crisp 30-15,000 Hz response. 4-10VDC. 7/16" x 1/2" dia.

270-092 2.99

B Crystal. 50-8000 Hz. Hi-Z. 270-095 1.59

Panel Lamps and Assemblies



A Sealed Panel Lamps. One red, one green. With connecting leads, mounting clips, 3/4" long, mount in 3/8" holes. 12VDC. 50 mA. 272-322 Pkg. 2/1.59

B Conical Lamp Assemblies. One red, one blue. T-1 1/4 subminiature bulbs required. 1 1/4" long, mount in 1/2" holes. 272-323 Pkg. 2/1.69

C "Mini" Panel Lamp Assemblies. One lamp holder and one red, one green lens. Miniature base lamps required. Length, 1 1/4". 3/8" mtg. holes. For Screw-Base Lamps. 272-324 1.79

For Bayonet-Base Lamps. 272-325 Pkg. 2/1.79
Like 272-324, two assemblies, 3/4" x 1 1/4". 272-326 Pkg. 2/1.99

D Rectangular "Mini" Lamp Holders. One with red, one with green rectangular lens. 1" long. Threaded mini lamps required. 3/8" mounting hole. 272-327 Pkg. 2/1.99

E Neon Panel Lamp Assemblies. One green, one amber. Built-in dropping resistors, fully enclosed. Requires 3/32" mounting hole. With 3" leads. For 120VAC. 272-707 Pkg. 2/2.19

F Neon Pilot Lamp Assemblies. One red, one yellow. With internal resistors. Fully enclosed. 3/4" x 1 1/4". Requires 3/16" mounting hole. For 120VAC. 272-703 Pkg. 2/2.19

G Neon Panel Lamp Assemblies. Set of two; one red, one yellow. Built-in resistors. Fully enclosed. Require 3/16" mtg. holes. For 120VAC.

Square Lens. 272-704 Pkg. 2/1.79
Circular Lens. 272-705 Pkg. 2/1.79

H Red Neon Lamp. Requires 3/16" mounting hole. 1 1/4" x 3/32" Leads and mounting clip included. For 120VAC. 272-1501 1.19

I High-Brightness 12V Lamp Assemblies. One red, one green. Solder terminals. Requires 3/32" mtg. hole (metal panel suggested). Includes bulbs. 272-331 Pkg. 2/1.69

K 12V Lamp Assemblies. One red, one green. Snap-in mounting tabs for 1/2" dia. hole. Long 4" leads. Bulbs included. 272-332 Pkg. 2/1.89

L Square Lens Lamp Assembly. Designed for maximum visibility. Std. bayonet socket with one red, one orange lens. Bayonet base lamps required. 1 1/4" mtg. hole. 272-333 1.79

M High-Brightness Neon Panel Lamp. Bright red rectangular lamp includes dropping resistor for 120VAC. Requires 3/16" diameter mtg. hole. 272-706 2.19

Plastic Battery Holders

For projects or replacement. Series wiring. Color-coded leads.

Low As **39c**

Fig.	Cat. No.	Holds	Each	Fig.	Cat. No.	Holds	Each
A	270-382	2 AA	79c	D	270-385	2 C	99c
B	270-383	4 AA	89c		270-390	4 C	1.19
	270-388	4 AA	89c		270-386	2 D	1.19
C	270-391	4 AA	89c		270-389	4 D	1.29
	270-384	6 AA	99c	E	270-401	1 AA	39c
	270-387	8 AA	1.19		270-402	1 C	49c
	270-395	10 AA	1.29		270-403	1 D	59c

Batteries not included



See pages 123-125 for our complete line of ENERCELL® batteries!

9V Battery Clips



99c

Same as replacement use or for project use. Color-coded leads. 270-325 Pkg. 5/99c

9V Battery Holders

Tame loose rectangular batteries! Requires screw or glue mounting. 270-326 Pkg. 2/59c

59c

Radio Shack's Wide Selection of Dependable Switches



A Heavy-Duty DPDT Center Off. 10A at 125VAC. Screw terminals. With on/off label plate. Body: $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " Requires $\frac{1}{4}$ " mounting hole. 275-1533 1.79

B Standard Toggles. 3A at 125VAC. Solder lugs. With on/off label plates. Body: $1\frac{1}{2} \times 1\frac{1}{2} \times 1$ " Requires $\frac{1}{4}$ " mounting holes.

SPST. 275-602 99¢
DPDT. 275-606 1.29
Set. One DPDT, two SPST. 275-322 2.49

C Submini Toggles. 3A at 125VAC. Solder lugs. Body: $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

SPST. 275-612 1.69
SPDT. 275-613 1.79
DPDT. 275-614 2.19
DPDT Center-Off. 275-620 2.39

D SPDT Mini-Toggle. 5A at 125VAC. Solder lugs. Body: $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " Requires $\frac{1}{4}$ " mounting hole. 275-603 1.49

E $\frac{1}{4}$ " Brushed Aluminum Batons. 3A at 125VAC. Push mount. Solder lugs. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " SPST. 275-630 1.69
DPDT. As above, but rated 10A at 125VAC. 275-607 1.89

F Heavy-Duty With $1 \times \frac{1}{2}$ " Lever. 6A at 250VAC. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

SPST. 275-651 2.49
SPDT. 275-654 2.69
DPDT. 275-652 2.89
DPDT Center Off. 275-653 2.99

G 20-Amp Lever Switches. 20A at 12VDC. Accept quick-disconnect connectors. Body: $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting hole.

SPST. 275-706 1.79
DPDT. Momentary, with spring return to center off. 275-709 2.79

H Standard Automotive SPST. 5A at 12VDC. $\frac{1}{4}$ " mounting hole. 275-701 1.19

I Mini Toggles. 6A at 125VAC. Body: $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting hole. U.L. listed.

SPDT. 275-662 2.69
DPDT. 275-663 2.99
DPDT Center Off. 275-664 3.19

J Submini Toggles. 10A at 125VAC. Each includes four colored handle covers. Solder lugs. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

SPST. 275-324 1.99
SPDT. 275-325 2.19
SPDT Center-Off. 275-325 2.39
DPDT. 275-1548 2.89
DPDT Center Off. 275-1545 2.89

K Paddle Switches. 6A at 125VAC. Solder lugs. $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

L Rocker Switches. 6A at 125VAC. Solder lugs. $1\frac{1}{2} \times \frac{1}{2} \times 1\frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

SPST. 275-690 1.89
DPDT. 275-691 2.49

M SPDT Momentary. 6A at 125VAC. Spring return to one position. Solder lugs. Body: $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mtg. hole. 275-619 1.79

N Micromini Toggles. 3A at 125VAC. Body: $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting holes. Solder lugs.

SPST. 275-624 1.59
SPDT. 275-625 1.69
DPDT. 275-626 1.99

O Flatted Lever Switches. 6A at 125VAC. Body: $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting holes.

SPDT. 275-635 2.59
DPDT. 275-636 2.89
DPDT Momentary. Spring return to center off. 275-637 3.19

Illuminated Switches



A 12-Volt SPST Toggle. Handle lights when on. 3A at 12VDC. $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ " mtg. hole. 275-705 1.99

B 120VAC SPST Toggle. End of $1\frac{1}{2}$ " handle glows when on. 10A. For 100 to 125V use only. $\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ " Requires $\frac{1}{4}$ " mounting hole. Solder lugs. 275-670 3.69

C 120VAC SPST Push-On/Push-Off. Button lights when on. 10A. For 100-125V use only. $\frac{1}{2}$ " mtg. hole. 275-671 3.69

D SPST Toggle With LED Indicator. 5A, 12VDC use only. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mtg. hole. 275-686 2.99

Pushbutton Switches

For Every Application Low As **149**



A Miniature SPDT Push-On/Push-Off. 3A at 125VAC. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mtg. hole. Solder lug terminals. 275-1555 1.99

B Mini SPST Momentary Contact. 0.5A at 125VAC. $\frac{1}{4}$ " button. $\frac{1}{4}$ " mounting holes. Solder lugs. Sets of 5 Normally Open. 275-1547 Pkg. of 5: 2.49

Normally Closed. 275-1548 Pkg. of 5: 2.69

C Standard SPST Push-On/Push-Off. 3A at 250VAC. $\frac{1}{2}$ " mtg. hole. Solder lugs. 275-011 1.49

D Momentary. Normally open. One black and one red. 275-609 Set of 2: 1.89

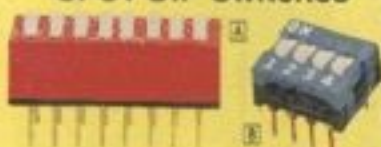
E Square SPST Push-On/Push-Off. 3A at 250VAC. $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " Requires $\frac{1}{4}$ " mounting hole. Solder lug terminals. 275-617 1.59

F Square SPST Momentary. Normally open. Black. 275-618 1.49

G Mini SPDT Momentary. 6A at 125VAC. Normally open. $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mtg. hole. Solder lugs. 275-1549 2.29

H Submini SPST Momentary. 0.5A at 125VAC. Normally open. $1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " mounting hole. One red, one black. 275-1571 Pkg. of 2: 1.79

SPST DIP Switches



For digital or low current applications. Mount in DIP sockets or on PC boards.

A 8-Position DIP Switch. Fits 16-pin DIP socket. 275-1301 1.99

B 4-Position DIP Switch. Fits 8-pin DIP socket. 275-1304 1.49

Slide Switches



Heavy-Duty. 3A at 125VAC. $1 \times 1\frac{1}{2} \times \frac{1}{2}$ " Solder lug terminals. Packs of two SPST. 275-401 Pkg. of 2: 89¢

DPDT. 275-403 Pkg. of 2: 99¢

Slide Switch Kit. 0.5A at 125VAC. One each: SPDT, DPST, DPDT. Three SPST. $\frac{1}{2} \times \frac{1}{2} \times 1\frac{1}{2}$ " 275-327 Set of 6: 1.79

Lever Switches



Submini With Roller Lever. Operating force: 50 grams. 5A at 250VAC. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " $\frac{1}{4}$ " lever. 275-017 1.49

Submini With $\frac{1}{2}$ " Lever. Operating force: 45 grams. 5A at 250VAC. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " Solder lugs. 275-016 1.39

Rotary Switches



0.3A at 125VAC

4-Pole, 2-Position. Single deck, shorting type. 2" shaft, $\frac{1}{4}$ " dia. 275-1384 1.19

2-Pole, 6-Position. Single deck, non-shorting type. $\frac{1}{4}$ "-dia. shaft. 275-1386 1.19

1-Pole, 12-Position. Shorting type. $\frac{1}{4}$ "-dia. shaft, $1\frac{1}{2}$ " long. 275-1385 1.19

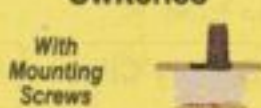
Mercury Tilt Switches



A Submini position-detecting switch. Rated 100 mA at 24VDC. 275-025 89¢

B Gravity-actuated switch rated 5A at 125VAC. Wire leads. Style may vary. 275-027 1.19

Submini Slide Switches



With Mounting Screws

Rated 0.3A at 125VAC. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " SPST. 275-406 Pkg. of 2: 69¢

DPDT. 275-407 Pkg. of 2: 79¢

Bracket, Label Plates



Auto Switch Bracket. For underdash mtg. Accepts two switches with $\frac{1}{4}$ " dia. bushings. 275-705 69¢

On/Off Switch Plate Labels. For toggles with $\frac{1}{2}$ " dia. bushings. Key tab in ID. 275-328 Pkg. of 6: 69¢

DPDT Knife Switch



Ideal for Projects & Reversing Polarity

Plated spring contacts rated 0.5A at 250VAC. Plastic handle. Screw terminal connectors. $1\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{2}$ " 275-1537 99¢

The Shack — Where Builders Save on Quality Parts

Computer Connectors, Ribbon Cable



- A** D-Submini Male Connector. 25 pins. Reusable insulation-displacement type mounts at ends or along length of cable. No special tools required. Integral strain relief. Handy for connecting peripherals to computer RS-232 bus. 276-1559 4.99
- B** D-Submini Female Connector. Female with features of above. Ideal for making ribbon cable extensions. 276-1565 4.99
- C** 40-Position Card Edge Connector. Reusable insulation-displacement type with built-in strain relief. Compatible with many microcomputers and accessories. 276-1558 4.95
- D** 34-Position Card Edge Connector. 276-1564 4.95
- E** 40-Conductor, 5-Foot Ribbon Cable. Every fifth lead is color marked for easy separation into 34 and 25-conductor cable. 276-771 6.95

16-Pin DIP Jumper



Two 16-pin DIP plugs connected by an 18" long color-coded ribbon cable. 276-1976 3.99



Mounts resistors, capacitors, wire shunts, etc. for use in 16-pin DIP sockets. 276-1980 1.49



Low-Profile DIP Sockets

Low As **49¢** Solder-Mount Sockets With Low-Resistance Contacts

Type	Cat. No.	Price	Type	Cat. No.	Each
8-Pin	276-1995	2/59¢	20-Pin	276-1991	59¢
14-Pin	276-1999	2/89¢	24-Pin	276-1989	79¢
16-Pin	276-1998	2/89¢	28-Pin	276-1997	89¢
18-Pin	276-1992	Ea. 49¢	40-Pin	276-1996	99¢

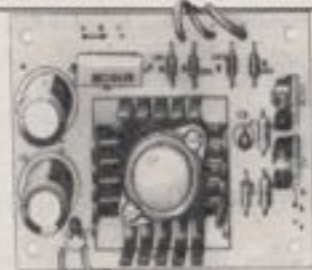
Build a Project-Board® — It's Fun and Easy!



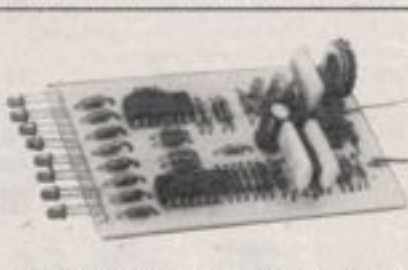
TV RF Modulator. Mini TV transmitter produces a high-quality composite video signal. VHF Ch. 3 or 4 output. Accepts b&w or color video, 30-15,000 Hz audio. Includes pre-wired RF module, back-of-set antenna switch. An easy-to-assemble basic "building block" for the video experimenter! 277-122 16.95



Stereo Electronic Reverb. Adds exciting phase-shift, echo and reverb effects to hi-fi systems or musical instrument amplifiers. Uses SAD-1024 dual analog delay IC. Line-level input and output. For 120VAC. 277-132 9.95



Regulated DC Power Supply. Can be wired for 13.8 or 5VDC. Delivers up to one amp. Uses LM-317 IC with built-in current limiting, thermal and short-circuit protection. Ideal for powering digital circuits or mobile equipment from 120VAC. 277-125 6.99



Logarithmic LED VU/Power Meter. Its linearity and accuracy are typically superior to analog VU meters. Can be calibrated for use as audio power meter. Eight LEDs for fast response to peak levels. With labels for vertical or horizontal LED mounting. 5-15VDC. 277-116 3.99

The Low-Cost Way to Build Useful Projects with ICs

Why "re-invent the wheel?" With our exclusive Archer Project-Boards, the engineering "know-how" is already designed in. Each package includes a PC board with labeled holes for easy assembly, an illustrated manual, panel trim and a complete parts list. Check the list and buy only the parts you need — often you can save by using parts you may already have! Build Project-Boards into our recommended cabinets, or use as sub-assemblies in larger projects. Either way, you get the benefits of a proven design, plus the satisfaction and economy of doing it yourself!

Project-Boards Are Shown Built With Recommended Parts.

Low-Cost, High-Quality Archer® Relays for Projects

Submini SPDT DIP Relay



2.99 For Low-Power Circuits

Actual Size

Just 1/2x1/2x1/4" 5VDC coil, resistance 56 ohms. Contacts rated 1A at 125VAC. Mounts on PC boards or DIP sockets with .100x.300" centers. 275-216 2.99



Mini 12VDC DPDT Relay

4.69 • Hold-Down Clips • See-Through Case

Includes socket for chassis or PC board mounting. Coil: 12VDC, 75 mA, 160 ohms. Contacts: 3A at 125VAC. 1/2x1x1/4" 275-206 4.69

Submini DPDT DIP Relays

4.49 Each

NEW FOR '82

Fit 16-Pin DIP Socket Or Mount on PC Board

Coil: 12VDC, 43 mA, 280 ohms. Contacts: 1A at 125VAC. 1/2x1/2x1/4" 275-213 4.49
As above, but with 5VDC coil, 100 mA, 50 ohms. 275-215 4.49



Mini 12VDC 4PDT Relay

Long-Life Contacts

Switches up to four circuits! For PC or socket mounting. Coil: 12VDC, 75 mA, 160 ohms. Contacts: 3A at 125VAC. 1/2x1x1/4" 275-214 4.99
Socket. For above, rated 3 amps. 275-221 1.49

Mini SPDT Relays

2.99 Each • Sensitive • Wire Leads

Low current drain — ideal for transistor circuits. Coil: 6-9VDC, 12 mA, 500 ohms. Contacts: 1A at 125VAC. 1x1/2x1/4" 275-004 2.99
12VDC. As above with 12VDC coil, 10 mA, 1200 ohms. 275-003 2.99



Heavy-Duty DPDT Relays

5.99 Each

Lugs for plug-in use or soldering. Contacts: 10A at 125VAC. 1/2x1x1/4" U.L. recognized. 120VAC, 5000(1) Coil. 275-217 5.99
12VDC, 150(1) Coil. 275-218 5.99
10A Socket. 275-220 1.49



It's The Shack[®] for Coax Cable, Connectors, Adapters

Video and RF Adapters



- A** UG-255 U Adapter. BNC male to UHF SO-239. 278-120 2.99
- B** UG-273 U Adapter. BNC female to UHF PL-259. 278-121 2.99
- C** Coax Plug Adapter. Female UHF SO-239 to Motorola or RCA-type plug. Fits scanners and communication equipment antenna jack. 278-208 1.99
- D** Male "F" Connector to RCA-Type Phono Plug. 278-253 1.79
- E** Female RCA-Type Phono to Male "F" Connector. 278-255 1.95
- F** Female "F" to RCA-Type Phono Plug. 278-252 1.59
- G** Female "F" to BNC Male. 278-251 3.49
- H** BNC Female to RCA-Type Phono Plug. 278-250 2.89
- I** Female RCA-Type Phono to Male BNC. 278-254 3.29

TV and FM Antenna Connectors



- A** TV Connectors. Type F-59. For use with standard RG59 U coax cable in 75 ohm TV antenna systems. 278-211 Pkg. 2.89c
- B** Type F-56. For RG6 U and "Aluminax" type coax cable such as Radio Shack #15-1526/27. 278-214 Pkg. 2.89c
- C** F-59 Solderless Push-On Connector. Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59 U cable. 278-215 89c
- D** F-59 Crimp Rings. For replacement on F-59 connectors. 278-216 Pkg. 6.59c
- E** F-56 Crimp Rings. For replacement on F-56 connectors. 278-217 Pkg. 6.59c
- F** F-61 Connectors. Mate with F-59 connector. 278-212 Pkg. 2.89c
- G** F-61 Coupler. Couples two coaxial assemblies which terminate in F-59 connectors. 278-213 89c
- H** Female "F" Screw-On to Male "F" Push-On. 278-218 99c
- I** Crimping Tool. For easy installation of F-Series connectors on 75 ohm coaxial cable. Cushioned handles. 278-220 2.99

Wide Selection of Convenient RF Connectors and Adapters



- A** Wall Plate. Terminates CB or amateur radio connections. Uses PL-258 adapter and accepts plug on each side. 278-194 2.75
- B** SO-239 Chassis Mount. UHF type, plated finish. 278-201 99c
- C** Solderless PL-259 Plug. Allows quick, easy hookup without soldering coax to connectors. For RG58 U cable. 278-196 Pkg. of 2/2.09
- D** PL-259 Plug. UHF type connector, screw-on lock. 278-205 Pkg. of 2/1.99
- E** UG176 U Reducer. For RG59 U cable. 278-204 Pkg. of 2/99c
- F** UG175 U Reducer. For RG58 U cable. 278-206 Pkg. of 2/99c
- G** Solderless Push-On PL-259 Plug. Quick, easy hookup without soldering coax to connector. Plug pushes onto jack. No screw threads. For RG59 U or RG58 U cable. 278-190 1.59
- H** Inline Splicer for RG58 U Cable. Join or extend coaxial cable, no special tools needed. Positive contact maintains wire impedance. 278-202 1.69
- I** Inline Splicer for RG59 U cable. 278-203 1.69
- J** M-359 Right Angle Adapter. UHF type with screw-on lock. 278-199 2.79
- K** M-358 "T" Adapter. UHF type screw-on lock. 278-198 3.29
- L** PL-258 Coupler. UHF type connections. Plated finish. 278-1369 1.99
- M** Double PL-259 Adapter. Perfect for CB, amateur use with inline TVI filters, SWR meters, antenna switches. Rugged construction, plated finish. 278-192 3.39
- N** Motorola-Type Plugs. For car radios and most scanners. 274-711 Pkg. of 2/69c
- O** Motorola-Type Jacks With Mounting Flange. 274-712 Pkg. of 2/79c
- P** Type 1094 Female BNC. Mounts in single 3/16" hole. 278-105 1.59
- Q** Type UG-88 Male BNC. Install easily without soldering. Screws onto standard coax cable. Rugged construction. Plated finish. For RG58 U Cable. 278-103 2.29
- For RG59 U and RG62 U Cable. 278-104 2.29
- R** Female BNC for RG58 Cable. 278-113 2.49
- Female BNC for RG59 U and RG62 Cable. 278-114 2.49



Low As
16¢ Per Foot

Ideal for amateur radio, CB, TV and FM use. Low-loss polyethylene dielectric with tough outer jacket. All copper conductors made in USA by Radio Shack

Coaxial Cable

Ohms	RG Type	O.D. (in.)	Velocity Factor	Loss Per 100	Capacitance Per Foot	Center Conductor	Cat. No.	Price Per Ft.
52	8 U	405	66%	50 MHz	3.0 dB	29 pF	278-1325	29
				100	3.5			
				200	5.0			
				400	8.0			
52	8 M	242	75%	50 MHz	2.2 dB	26 pF	278-1328	21
				100	3.0			
				200	4.6			
				400	7.5			
52	58 U	196	66%	50 MHz	4.0 dB	28 pF	278-1326	16
				100	5.3			
				200	8.0			
				400	12.0			
75	59 U	245	80%	50 MHz	3.8 dB	22 pF	278-1327	18
				100	5.0			
				200	7.6			
				400	10.0			

CB/Communication Coax Assemblies



- All cable is 52-ohm with PL-259 connector on each end except 278-966-975
- A** 20-Ft. RG58 U Cable. 278-967 6.39
 - B** 2-Ft. RG58 U Cable. Handy patch cable for SWR meters, ant. switches, etc. 278-968 4.29
 - C** 5-Ft. RG8 U Cable. Heavy-duty patch cable for base stations. 278-969 5.49
 - 50-Ft. RG8 U Cable. 278-970 19.95
 - 100-Ft. RG8 U Cable. 278-972 34.95
 - 50-Ft. RG8 M Cable. 278-973 15.95
 - 100-Ft. RG8 M Cable. 278-974 28.95
 - 50-Ft. RG58 U Cable. 278-971 11.95
 - D** 6-Ft. RG58 U Extension Cable. Inline SO-239 to PL-259. Perfect for mobile use. 278-975 5.29
 - E** 20-Ft. RG58 U Cable. PL-259 to spade lugs. 278-966 6.39

Get Everything for Your Wiring Needs at Radio Shack

Color-Coded Test Leads and Jumper Cables



- A** Set of 10 Test Lead Cables. 14" long with miniature insulated alligator clips on each end. 278-1156 **3.69**
- A** Set of 4 Test Lead Cables. 30" long. Insulated clips at both ends. Red, green, black, yellow. 278-001 **3.69**
- B** 8-Pack of 24" Cables. Four colors. 278-1157 **3.99**
- C** Set of 6 Heavy-Duty Claw-Type Jumper Cables. 40" long. Insulated clips at both ends. 278-002 **3.99**



Replacement Cords

- A** 6' Line Cord. 18-ga. wire, molded 2-prong AC plug, stripped leads. U.L. listed. 278-1255 **79c**
- B** 6' AC Power Cord. Fits most cassette portables, radios. Female receptacle to 2-prong AC plug. U.L. listed. 278-1256 **1.59**
- C** 4' Polarized Fused DC Cable. Ideal replacement for auto stereo, CB power cables. Inline quick-disconnect plug and inline fuse holder (less fuse). 270-025 **1.99**

2-Conductor Speaker Wire

Low-loss, all-copper construction is ideal for use with solid-state amplifiers. Molded plastic insulation is polarity marked for easy hookup.

Description	Gauge	Feet	Cat. No.	Each
Miniature Clear	24 Solid	75	278-1509	2.19
Medium Clear	22 Stranded	100	278-1385	4.59
Standard Clear	20 Stranded	75	278-1368	5.39
Low Loss Clear	18 Stranded	50	278-1602	3.49
Low Loss Clear	18 Stranded	60	278-008	5.99
Standard Brown	20 Stranded	100	278-1387	5.99
Heavy-Duty Brown	18 Stranded	30	278-1263	3.89
Heavy-Duty Brown	16 Stranded	100	278-1384	11.95

Zip Cord Specials

Really handy! Flexible twin-conductor stranded copper wire with molded plastic insulation. Colors may vary.

Description	Gauge	Feet	Cat. No.	Each
2-Conductor, Plastic	18	30	278-864	2.79
Miniature, Plastic	24	50	278-1301	2.79
2-Conductor, Plastic	20	30	278-1265	2.89
2-Conductor, Plastic	18	100	278-1264	7.99

Shielded Cable

Low-loss cable for microphones, audio cables, and communications equipment. All copper conductors with tough gray jacket.

Description	Feet	Cat. No.	Each
A Heavy-Duty w braided shield	40	278-751	6.19
Single Conductor w braided shield	20	278-1277	2.39
Miniature w spiral wrap shield	30	278-752	3.29
2-Conductor w spiral wrap shield	50	278-1275	5.19
2-Conductor w spiral wrap shield	20	278-1276	2.69

Hook-Up Wire Packs

Single Color					3 Assorted Colors				
Type	Ga.	Ft.	Cat. No.	Each	Type	Ga.	Ft.	Cat. No.	Each
A Solid	18	60	278-1291	2.19	Solid	18	60	278-1302	2.19
B Stranded	18	55	278-1292	2.19	Stranded	18	45	278-1303	2.19
Solid	20	80	278-1294	2.19	Solid	20	75	278-1305	2.19
Stranded	20	75	278-1293	2.19	Stranded	20	60	278-1304	2.19
Solid	22	100	278-1295	2.19	Solid	22	90	278-1306	2.19
Stranded	22	90	278-1296	2.19	Stranded	22	75	278-1307	2.19

Solid Buss Wire

Makes Ground Wiring Easy

Fifty feet of wire ideal for Perf-Board and printed circuit projects. For ground and jumper wiring, too. Pretinned 24-gauge copper on handy plastic spool.

278-1341 **1.49**

Magnet Wire

Use for Winding Coils

Three different gauges of wire, each on a separate spool. You get 40 ft. of 22-gauge, 75 ft. of 26-gauge, 200 ft. of 30-gauge.

278-1345 **Pkg. 3, 4, 49**

Telephone and Intercom Cable

Intercom Wire. (Not shown) 24-gauge with gray jacket. Color-coded.

Description	Feet	Cat. No.	Each
2-Conductor Solid	75	278-559	3.29
3-Conductor Solid	75	278-370	5.49
3-Conductor Solid	30	278-655	2.19

Telephone Cable. Flexible color-coded wire with tough beige jacket. For single-station phones or intercoms.

- A** 3-Conductor 50 ft. 278-371 **4.39**
- B** 4-Conductor 50 ft. 278-372 **5.49**
- C** Modular Telephone Cable. Gray jacket with 4-conductor 26-gauge stranded copper wire. Color-coded. 278-365 **5.49**

Rainbow Wire Packs

2 and 4 Conductor

Flexible flat parallel cable, color-coded for easy identification. PVC insulation resists temperature changes. Perfect for use with low-voltage hook-ups or intercoms. 24-gauge solid copper.

- 2-Conductor, 35 ft. 278-755 **2.39**
- 4-Conductor, 25 ft. 278-757 **2.39**

Test Probe Wire

25 ft. flexible plastic insulation, 20-ga. stranded copper.

- Red. 278-553 **1.99**
- Black. 278-554 **1.99**

Heavy-Duty Wire

- 14-Ga. 25 ft. 278-1290 **2.69**
- 12-Ga. 20 ft. 278-1289 **2.79**

Accessories to "Wrap Up" Your Wiring Job



- A** Wire Ties. Self-locking nylon ties for permanent attachment. Natural color, unbreakable. 4" long. 278-1632 **Pkg. 30/1.59**

- 5" Wire Ties. As above. 278-1631 **Pkg. 30/1.99**

- B** Heat-Shrinkable Tubing. Fits over wire and shrinks to half its original diameter when heated. 1/8 to 1/2" sizes.

- Set of 14. 4" long. Shrinks at 95-200°F. 278-1627 **1.59**

- Set of 20. 1" long. Requires 275°F for shrinking. 270-1166 **1.69**

- C** Strain Reliefs. One-piece construction absorbs pull and twist. Set of six includes four SPT1 and two SPT2 types. 278-1636 **69c**

- D** Coax Clips. Nail to wall, keep cable in place.

- For RG58 U Cable. 20-192 **10 for 99c**
- For RG8 U Cable. 20-193 **6 for 99c**

- E** Spiral Wrap. Neatly bundles long lengths of wire. 5" clear and 5" black. 1/2" 278-1638 **2.19**

- F** Universal Cable Clip. Adjusts to wire size, up to 1/2"-dia. Self-adhesive. 278-1639 **10 for 1.69**

Shortwave Antenna Accessories



A Complete Kit **8.49**

- A** Complete Antenna Kit. Perfect for long-distance reception. All you need for outdoor hookup. Kit includes 75' copper antenna wire, 50' lead-in wire, window feed-thru, insulators and complete instructions. 278-758 **8.49**

- B** Heavy-Duty Antenna Wire. For outdoor/indoor antenna hookups, grounding. Seven strands of 22-gauge bare copper for max. strength. 278-1329 **65 Feet for 4.59**

- C** Insulators. Egg-shape construction for maximum strength. Low-loss material. For antenna or guy wire installation. Style may vary slightly. 270-1518 **Pkg. 2/69c**

ARCHER®

Color Supreme II

Three Antennas
in One!
VHF • UHF • FM

Get Visibly Better Pictures in Any Area!



High-Tensile-Strength
Aluminum for Long Life.
Weather Resistance



UHF Yagi and Corner
Reflector Combination
For Strongest Reception
of UHF Channels 14-83



Snap-Out Brackets
for Easy Installation



Air-Insulated
Multiple Drive
System



Square Boom with
Specially Designed
No-Tilt Clamp



Extra-Heavy
High-Impact
Molded Insulation



VU-160
69⁹⁷



VU-120
56⁹⁷

VU-160 and VU-120 Include Cradle Mount Assembly (See Page 117)



VU-110
43⁹⁷



VU-90
35⁹⁷



VU-75
26⁹⁷



VU-60
17⁹⁷

Receive Channels 2 Through 83, Plus FM, With a Single Antenna

- Gold Alodized to Fight Corrosion—
Keeps Antenna Working and Looking Like New
- 60° "Swept-Design" VHF Elements in Triangular
Alignment Aid Signal Pickup and Transfer,
Withstand Strong Winds and Icing
- Pre-Assembled—Install It Yourself and Save

Only by manufacturing our own antennas here in the USA is Radio Shack able to offer these spectacular antenna values. Our dynamic Color Supreme II Series features 60° wide-swept elements that capture signals to make colors "come alive" and black-and-white pictures crisper, even on "hard-to-get" channels. If you own a hi-fi system, these antennas also provide the FM signal necessary for full stereo channel separation. Alodized[®] finish fights corrosion. Factory preassembled, you can install one in no time. There's a Color Supreme to fit your needs!

Choose the Color Supreme that
Meets Your Reception Needs

Archer Model	Range in Miles*			Boom Length	No. of Elem.	Cat. No.
	VHF	UHF	FM			
VU-160	160	100	100	140"	40	15-1645
VU-120	120	90	90	120"	35	15-1644
VU-110	110	90	90	100"	30	15-1643
VU-90	90	70	70	80"	25	15-1642
VU-75	75	50	50	50"	17	15-1641
VU-60	60	40	40	40"	13	15-1640



\$3.99-Value
Signal Splitter
Included!

Separate VHF-UHF-FM Outputs,
Only One Down-Lead Required

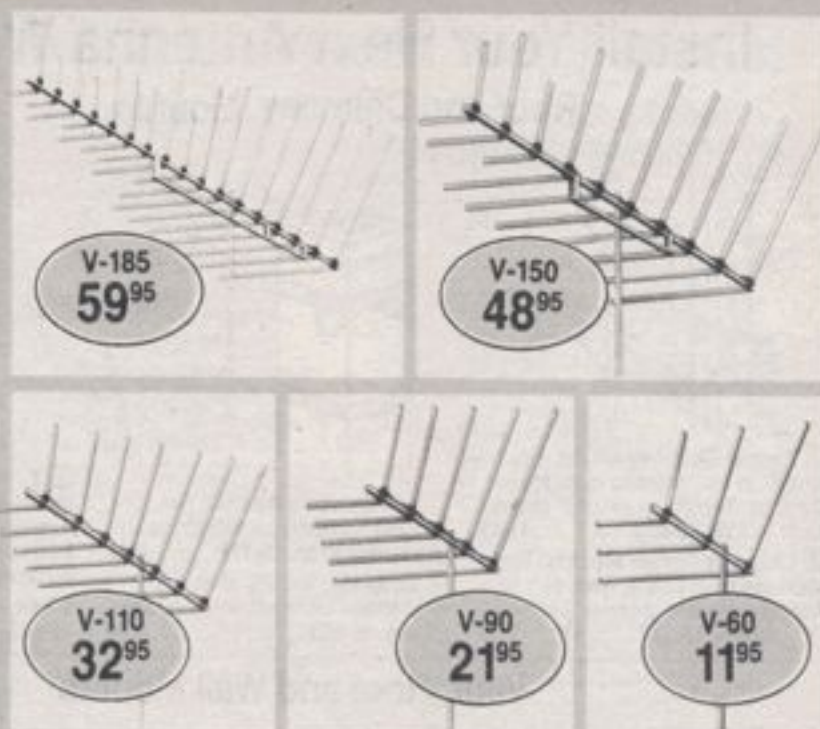
Color Eagle II

Archer Custom-Design VHF-TV And FM Antennas

Engineered specifically for VHF channels 2-13 and 88-108 MHz FM stereo or mono. Color Eagle II antennas feature an air-insulated multiple drive system to achieve flat frequency response. Equipped with rustproof terminals for down-lead connections and self-locking, snapout elements for strength and rigidity. Factory preassembled for quick and easy installation.

- 60° "Swept-Wing" Design Aids VHF Signal Pickup
- Gold Alodized® to Fight Corrosion
- Extra-Strong Square Boom Resists High Winds

Archer Model	Range in Miles*		Boom Length	No. of Elem.	Cat. No.
	VHF	FM			
V-185	185	110	160"	34	15-1654
V-150	150	100	120"	20	15-1653
V-110	110	80	80"	14	15-1652
V-90	90	60	50"	10	15-1651
V-60	60	40	30"	6	15-1650

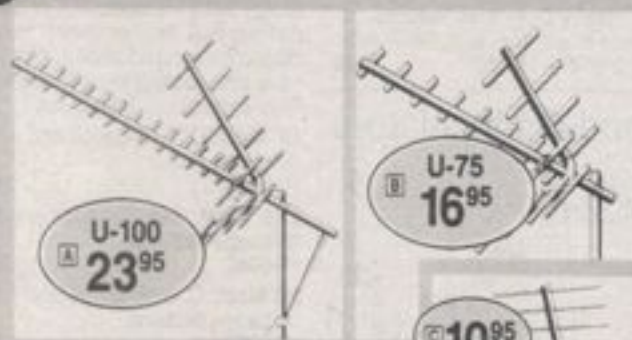


Cradle Mount Assembly

Labor-Saving Installation Aid Included With Every Twin-Boom Archer Antenna (VU-160, VU-120, V-185, V-150, and "Stereo Supreme") Makes Installation Safe, Fast and Easy!

UHF

Specially Designed for TV Channels 14 thru 83

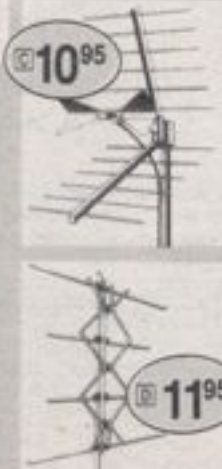


U-100 Corner-Reflector Yagi — Up to 100 Miles.* 25 elements, 80" square boom, gold-Alodized finish. 15-1661 23.95

U-75 Corner-Reflector Yagi — Up to 75 Miles.* Narrow pattern, wide aperture, 16 elements, 40" boom, Alodized finish, pre-assembled. 15-1660 16.95

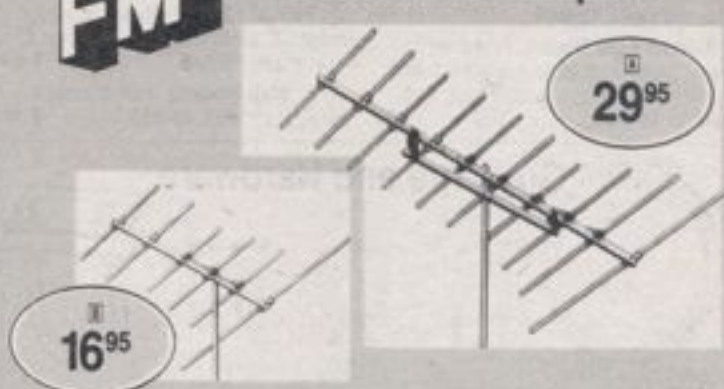
U-50 Corner-Reflector — Up to 50 Miles.* Vertically directional to cut "airplane flutter." 15-1629 10.95

U-30 Multi-Bay Bow Tie — Up to 70 Miles.* 30" boom. 15-1627 11.95



FM

Archer FM Antennas for Better Hi-Fi Reception



Stereo Supreme Directional — Up to 175 Miles.* Ten triple-drive elements for maximum multi-path rejection. 120" long, 1" square boom. Pre-assembled. 15-1638 29.95

Triple Driven 6-Element Directional — Up to 110 Miles.* Full gain to bring in distant stations clearly. 15-1636 16.95

Omnidirectional Outdoor — Up to 50 Miles.* Circular 360° pickup pattern. Weather resistant, pre-assembled. 15-1639 11.95

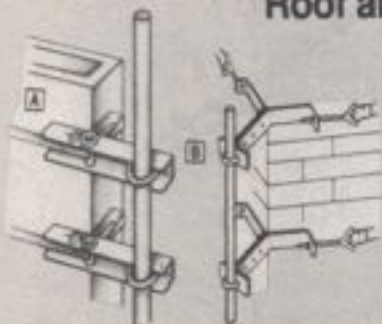
Omnidirectional Attic or Outdoor — Up to 35 Miles.* "S" design pulls in stations from any direction. Pre-assembled. 15-546 6.95



*ESTIMATED RANGES, BASED ON RECEPTION OVER FLAT, OPEN TERRAIN — MASTS NOT INCLUDED

Install Your Next Antenna With Help From Archer®

Roof and Chimney Mounts



A Ratchet Chimney Mount. Fastens 1" to 1 1/4" antenna mast to chimney. Two stainless steel straps, each 3/4"x18". 15-839 11.49

B Chimney Corner Mounts. Two stainless steel straps, each 3/4"x10". Attaches mast to chimney with two "Y" mounts. 15-527 7.69



C "Z" Chimney Mounts. Set of two. Each mount has 3/4"x10" galvanized steel strap. 15-476 6.49

D Strap Kit. Two 25" stainless steel straps for replacement or add-on use. 15-801 8.49



E 3' Tripod Mount. Preassembled mount fits slope of most any roof. Accepts mast up to 1 1/4" diameter. Installs easily on flat and peaked surfaces. 15-516 12.95

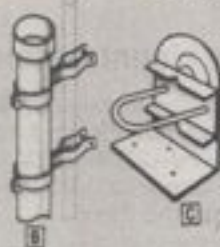
5' Heavy-Duty Tripod. 15-517 22.95

Vent, Roof and Wall Mounts



A Base and Roof Mount. Mast locks into exclusive U-bolt. Swivel base fits slope of any roof. Heavy-gauge steel. 15-889 4.79

B Vent Pipe Mount. Attaches to vent pipe. Just attach brackets and clamp mast into place. Fits 2" to 5" vents. 15-893 3.99



C Mast Anchor (Universal Mount). For roof, attic or window mounting of up to 1 1/2" dia. masts. Must be guyed for roof and window mounts. 15-888 1.39

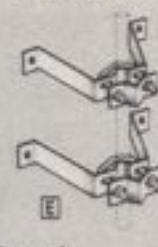
D Pair of 12" Wall Mounts. Holds mast 12" away from wall. Fits up to 1 1/2" mast. 15-885 7.49

E 4" Wall Mounts. Holds mast 4" away from wall. 15-883 2.19



F Eave Mount for Trim Boards or Hanging Rafter. Eliminates drilling brick or masonry. Has 48" lower member. For medium pitched roofs. Takes masts up to 1 1/2". 15-891 8.99

G 6" Heavy-Duty Wall Mounts. Extends 6" out from wall. For masts up to 2 1/2" dia. 15-890 7.99



Guy Wire and Hardware

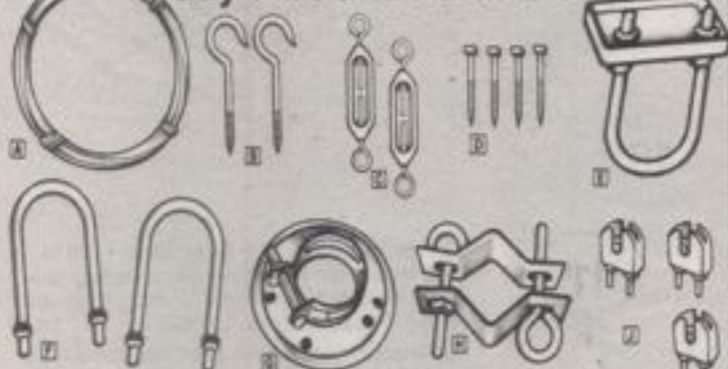


Fig.	Description	Cat. No.	Each	Fig.	Description	Cat. No.	Each
A	50' Galvanized Steel Wire	15-030	1.19	D	Set of Four Hex Lag Bolts, 1/2"x2" for Heavy-Duty Mounting	15-833	.89
A	100' Galvanized Steel Wire	15-031	2.19	E	U-Bolt and Clamp	15-826	.79
A	40' Plastic-Coated Steel Guy Wire	15-037	2.29	F	2 U-Bolts With Nuts	15-830	.79
B	2 Guy Wire Anchors	15-825	.89	G	1 1/4" Guy Ring and Collar	15-835	1.09
C	2 Guy Wire Turnbuckles 8" open, 4" closed	15-829	1.49	H	Guy Wire Mast Clamp With Bolts	15-827	.89
				J	3 Guy Wire Clamps	15-850	.99

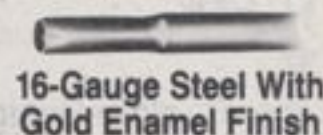
Stand-Off Insulators



Keep your lead-in secure in wind, rain or snow — prevent lead-in movement which causes static and noise.

Fig.	Description	Cat. No.	Each
A	4 — 3/16" Wood Screw	15-853	.69
A	4 — 6/16" Wood Screw	15-854	.89
A	4 — 7/16" Wood Screw	15-855	.99
B	2 Masonry Type	15-820	.79
C	2 Nail-In Type	15-821	.69
D	2 Snap-Grip Type	15-822	.69
E	2 Strap-On Type	15-823	.69

Heavy-Duty Masts



16-Gauge Steel With Gold Enamel Finish

Swaged end for tight lock on tubing to be joined. 1 1/4" dia.
5-Fl. Mast. 15-842 4.29
10-Fl. Mast. 15-843 8.49

5' Light Duty

20-ga. steel with gold enamel finish. For attic and small antenna installations. 15-844 3.79

Telescoping Antenna Masts

- Made of 16 and 18-Gauge Galvanized Steel
- Interlocking Sections
- Clamp and Guy Ring Provide Support

Low As
24⁹⁵

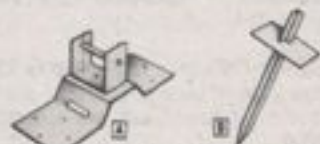
Raise your antenna higher and get stronger TV or FM reception. Sturdy sections interlock — won't pull out, slip, twist or shake! Hot-dipped galvanized steel masts have zinc coating to eliminate rust. Fully assembled. Install easily.

19' Mast. One 16-gauge and one 18-gauge section. 15-5065 24.95

27.5' Mast. One 16-gauge and two 18-gauge sections. 15-5066 33.95

36' Mast. One 16-gauge and three 18-gauge sections. 15-5067 44.95

Base and Mount



A Base. Holding bolt slips thru hole in universal mast base. 15-5068 5.99
B Mount. Sturdy "tap-in" tapered in-ground mount for masts up to 36" tall. 15-5069 9.95

Archer TV and FM Accessories Bring in the Picture

VHF/UHF 300-Ohm Shielded Cable

Low As **10⁹⁵**

Eliminates most noise pickup on TV and FM. Transformerless hookup. 50-Ft. 15-1177 10.95
100-Ft. 15-1176 17.95

Our Best VHF/UHF 300-Ohm Foam Cable

Low As **3⁹⁹**

20-gauge copper, white-foam space web. Dense polyethylene jacket. 50-Ft. 15-1174 3.99
100-Ft. 15-1175 7.39

Economy Foam VHF/UHF Cable

Low As **3⁶⁹**

For strong-signal urban areas. 22-gauge copper. Brown polyethylene jacket with blue polyfoam. 50-Ft. 15-1202 3.69
100-Ft. 15-1203 6.69

Low-Cost Twin Lead For TV or FM

24-gauge, 4-mil. For indoor/atc use. Standard Twin Lead, 40-Ft. 15-004 1.59
Clear Twin Lead, 40-Ft. 15-1158 1.59

Standard Twin Lead

22-gauge, 7-strand. For indoor use. 50-Ft. 15-1153 2.49
100-Ft. 15-1154 4.49

8-Foot Twin Lead Cable

2¹⁹ Instant Hook-Up

Dual spade lugs attach easily from splitter to stereo or coupler to set. 300 ohms. 15-1532 2.19

TV/FM Antenna Clips

Set of 2 **99c**

Instant, solderless connection and disconnection of 300-ohm lead-in. 15-832 99c

10 Coax Nail Clips

99c Insulated nails with clips for securing 75-ohm RG-59 coax cable. 20-192 Pkg. of 10 99c

"Wall-Thru" Lead-In Tube

1⁹⁹

Easy way to run lead-ins through walls up to 1 1/2" thick. Grommet seals out weather. 15-1200 1.99

75-Ohm TV/FM Coax Connectors

- A** F-59 Connector. For RG-59/U cable. 278-211 2.89c
- F-56 Connector. For RG-56, RG-59 super coax cables. (Required when shortening 15-1526, 15-1527.) 278-214 2.89c
- B** F-81 Chassis Connectors. For F-59, F-56. 278-212 2.89c
- C** F-81 Bushing. Couples two coax cables terminating in "F" connectors. 278-213 89c
- D** F-59 Push-On. Solderless, no tools required. Simply strip cable and screw on connector. 278-215 89c

Shielded UHF/VHF Foam Coax Cable Assemblies

Low As **7⁹⁹**

Combines low loss with interference-rejecting shielding. Use with 75 to 300-ohm transformers. F-56 connectors. 50-Ft. 15-1526 7.99
100-Ft. 15-1527 13.99

4, 8 and 16-Ft. Coax Cable

- A** Use with Archer 75-ohm wall plates.
- A** 8-Foot, F-56 connectors. Polyfoam. 15-1530 3.49
- A** 8-Foot, F-56 connector and Motorola-type plug. Polyfoam. 15-1528 3.49
- A** 16-Foot, F-56 connectors. Polyfoam. 15-1531 4.79
- C** 4-Foot White Coax Cable. Designed for use in apartments and houses— from TV wall outlet or coupler to set. With push-on F-56 connectors. 15-1529 2.89

Grounding Block

2¹⁹ Prevents static electricity build-up. For 75-ohm TV or FM antenna lead-ins. 15-909 2.19

Antenna Discharge Unit

1⁵⁹ Protects against static build-up. For TV-FM. Easy solderless connection. With mounting hardware. U.L. listed. 15-911 1.59

Aluminum Ground Wire

2¹⁹ Economical static-build-up protection. 40 feet of #8 wire. Use with ground rod below. 15-835 2.19

4-Foot Ground Rod

2³⁹ Provides a low-resistance path to ground for static electricity. Copper-plated, corrosion resistant, highly conductive. 15-830 2.39

TV Power Cords

Standard 6' AC cord, 18-gauge, 2-conductor. 15-011 1.19
As above, but polarized. 15-012 1.19

Remote On/Off Switch

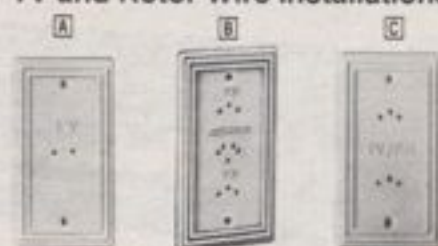
3⁹⁹ Just Plug In

Control TV or appliances from up to 15' away. 6 amps max. U.L. listed. 15-1160 3.99

"Private" TV Listener

4⁹⁹ Listen Without Disturbing Others
Helps compensate for hearing loss! Volume control, speaker phones selector switch. Easy hookup to speaker terminals. 20-foot cord and earphone. 15-586 4.99

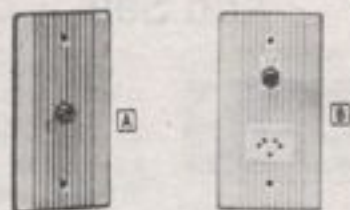
Wall Plates for Professional TV and Rotor Wire Installations



300-Ohm Types

- A** For a single TV or FM lead-in. With mounting bracket, plugs. Flush Mount. 15-1186 1.99
Surface Mount. 15-1189 1.79
- B** Combination rotor and two TV lead-in flush-type sockets. Complete with bracket, one rotor, two wire plugs. 15-1179 2.99
- C** Accepts two TV or FM lead-ins. Includes mounting bracket, two plugs. Flush Mount. 15-1187 2.99

75-Ohm Coax Type Flush-Mount Wall Plates



- A** With standard F-59 coaxial TV or FM connector. Complete with all mounting hardware. 15-1180 3.49
- B** With standard F-59 coaxial connector, plus 5-wire rotator socket and plug. Install your system like a pro! 15-1181 4.49

Solderless TV/FM Connectors

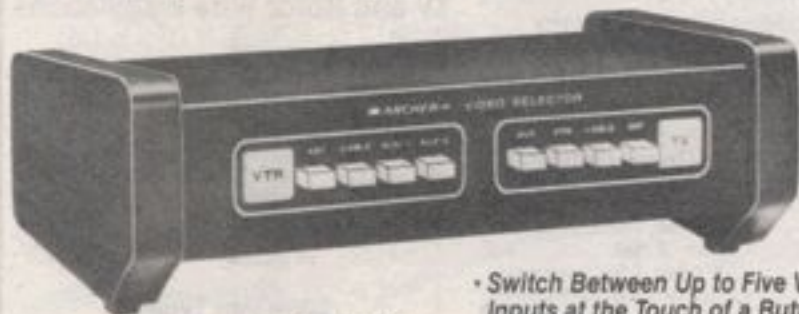
Easy-to-Install With Just a Screwdriver



- A** Wall Receptacle Plugs. Mate with all surface or flush sockets. 15-1178 2 for 99c
- B** Surface Mount Universal Socket With Mating Plug. 1/4x1 1/4x3/16" 15-1192 99c
- C** Polarized Connectors. Prevent polarity reversal when splicing. 15-1199 99c
- D** Plug and Socket. For UHF and VHF, TV or FM. 15-1198 99c

Get "The Whole Picture" With Archer TV Accessories

Simplify Your TV System With a Video Selector



NEW FOR '92

79⁹⁵

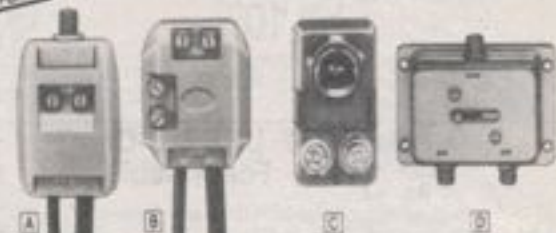
- Switch Between Up to Five Video Inputs at the Touch of a Button
- Outputs for Up to Three TV Sets And/Or Video Tape Recorders

Your solution to video confusion, and a "must" for every video system! Ends the hassle of disconnecting and reconnecting cables everytime you want to use a different video component. The five inputs let you connect a TV antenna, cable TV, a TRS-80[®], another computer or video game, a video cassette recorder, and a video disc player, a second VTR or Pay TV. The three outputs direct the input you select to TV sets for viewing and/or VTRs for recording. Metal case with solid wood end panels. 15-1260 79.95

Specifications

External Connections: Five 75-ohm inputs, three 75-ohm outputs. **Isolation Between Each Input and Output:** 30 dB minimum. **Line Loss:** 3 dB maximum. **Frequency Range:** 50 MHz to 900 MHz. **Dimensions:** 3x10x5" deep.

VTR / Television Connectors



4⁹⁵

4⁹⁵

2⁹⁹

4⁹⁵

- A VTR/TV Antenna Splitter.** Provides 75-ohm output for VHF and 300 ohm output for UHF/FM from 300 ohm input. 15-1251 4.95
- B VTR/TV Antenna Splitter.** Provides 75-ohm output for VHF and 300-ohm output for UHF and FM from 75-ohm input. 15-1252 4.95
- C VTR/TV Matching Transformer.** Provides 75-ohm output from 300-ohm input. 15-1253 2.99
- D VTR/TV/FM Switch.** Input 75Ω—output 75Ω. Select videotape recorder, VHF-TV, cable TV or FM. A/B switch lets you choose. Switch is reversible. 15-1254 4.95

Add Sets, Combine Downloads With Splitters, Couplers



- A Indoor Multi-Set Couplers.** Drive up to four TV/FM sets from one antenna in strong signal areas. 300-ohms. Insta-mount. 2-Set. 15-1501 2.29
4-Set. 15-1502 2.59



- B Indoor/Outdoor Couplers.** Combines two antenna outputs for one 300-ohm download. Drives 2-4 sets from one 300-ohm download. Fits masts up to 1 1/2". 2-Set. 15-1135 3.59
4-Set. 15-1136 4.59



- C Combiner/Splitter.** Combines the outputs of a UHF and VHF antenna into one download or splits a single download into UHF/VHF outputs indoors. 300-ohms. 15-1137 3.95

- D Indoor Splitter.** Three outputs (UHF/VHF/FM) from one 300-ohm download. Insta-mount. 15-1138 3.99

- E 75-Ohm 2-Set Coupler/Combiner.** Low-loss transformer splits a single 75-ohm download to two UHF/VHF outputs or reverse to combine outputs of a UHF and VHF antenna into one 75-ohm download. 15-1141 4.95
75-Ohm 4-Set Coupler. 15-1142 7.95

- F Indoor/Outdoor 300 to 75-Ohm Matching Transformer.** Matches 300-ohm antenna to 75-ohm shielded download at the antenna or reverses to transform 75-ohm download to 300-ohms at set. 15-1140 2.79

- G Indoor Transformer/Splitter.** Separate 300-ohm UHF/VHF/FM outputs from single 75-ohm shielded download. Insta-mount. 15-1139 4.99

- H Antenna Mounted Cable Conversion Kit.** 300-ohm to 75-ohm coax transformer mounts on antenna boom with special clip. Fits 3/4" and 1" square booms and 1" round boom. 15-1143 3.99



Cut Interference With Archer Television Filters

TV/FM/VCR Interference Filter

Prevents Interference To TV and FM Receivers From CB/Ham Signals

8⁹⁵



Getting interference from CB, Ham or AM broadcast transmitters? This nine-element high-pass LC filter should help solve the problem. Just install at 75-ohm coaxial input connection of TV, FM or VCR. 15-580 8.95

TV Interference Filters



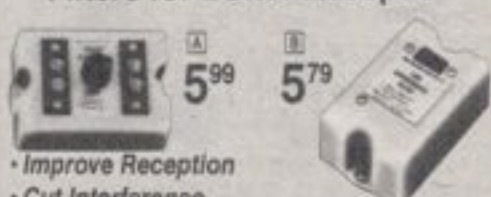
5⁹⁵

1⁹⁹

- A** Attenuates interference from CB, Ham transmitters. For use with 300-ohm TV/FM inputs. 15-581 5.95

- B** Reduces or eliminates electrical appliance or neon light static. Just attach to TV set antenna terminals. 15-582 1.99

Filters for Better Reception



5⁹⁹

5⁷⁹

- Improve Reception
- Cut Interference

- A** Color TV "Ghost Eliminator." Reduces TV "ghosting" caused by nearby transmitters, adjusts for UHF and VHF. 15-1114 5.99

- B** AC Line Interference Filter. Cuts most electrical appliance interference. With polarized plug and socket. 15-1106 5.79

Radio Shack TV/FM Accessories Improve Reception

UHF/VHF Amplifier for TV, FM, FM Stereo

44⁹⁵
75/300-Ohm

Improves Weak Signals in Fringe Areas, Sharpens Reception

Antenna-mounted preamp boosts all TV and FM signals—does not amplify interference picked up by downlead. Resists overload on strong signals. Our best Archer cable recommended. Power supply mounts on wall or behind TV set. Typical gain: VHF/FM, 18 dB; UHF, 16 dB. With instructions, mounting hardware. U.L. listed AC operation. 15-1134 . . . 44.95

Indoor 4-Set UHF/VHF/FM Amplified Couplers

37⁹⁵

- Select 300 or 75-Ohm Unit To Match Your Antenna
- Both Drive Any Combination of 4 TV/FM Sets from One Antenna

Delivers 8 dB gain on VHF/FM, 6 dB on UHF at each output. With hardware, instructions. Use indoors, U.L. listed AC operation.

300-Ohm Output. 15-1120 37.95
75-Ohm Output. 15-1121 37.95

Indoor FM Amplifier

24⁹⁵

Delivers Increased Signal for Improved Stereo Reception



Get improved signal strength on weak and hard-to-get FM stations. Installs at FM receiver. 18 dB gain. U.L. listed. 15-1122 24.95

Find the Best Picture With an Antenna Rotor



Point Your Antenna for The Best Signal Reception

64⁹⁵

Just Dial Any Direction—Antenna Follows Automatically

Archerotor[®]. Precision-aims your antenna for best reception of every TV or FM station within range. Minimizes ghosts and interference, maximizes signal strength. Indicator shows antenna direction. Motor braking action resists antenna direction changes in high winds. Accepts 1 1/4"-1 3/4" diameter masts. U.L. listed AC operation. Requires 3-conductor rotor cable (see table below). 15-1225 64.95

20-Gauge Rotator Cable



Low As **4⁴⁹**

No. of Leads	Length in Ft.	Use With Rotator#	Cat. No.	Per Roll
3	50	15-1224-5	15-1149	4.49
3	100	15-1224-5	15-1150	7.79
5	100	15-1220	15-1201	9.95

VHF/UHF/FM Mobile Antenna Package



28⁹⁵

- Sets Up Quickly And Easily
- Folds Down Flat for Travel



No Extras to Buy!

Great for boats, motorhomes, trailers. The 40" antenna boom has 14 snap-lock elements made of rugged aluminum alloy—stays in place even in high wind. One lead-in for all channels is held with standoff insulators and wall-through insulator prevents water leaks. Includes hardware, instructions. 15-1613 28.95

25-ft. lead-in, VHF/UHF signal splitter, wall-thru insulator, 58" mast, wall-mounting bracket included.

Mobile VHF-TV Antenna

NEW FOR '85

29⁹⁵

- Heavy-Duty Chrome-Plated Dipole for Cars, Trucks, Vans
- Mounts on Gutter Or Window



Use this antenna to enjoy TV reception in your car, limo, truck or van! It's easy to install—comes with mounting hardware and instructions. Delivers far better reception than built-in antennas. 15-1610 29.95

Archer® Indoor TV/FM Antennas – Far Better Than Built-Ins

Color Supreme II Deluxe UHF/VHF/FM Antenna

25⁹⁵ 12-Position Fine-Tuning Control

Our finest indoor antenna brings in better quality color or b&w pictures, even in the more difficult reception areas, helps cut "snow" and "ghosts." UHF control lets you rotate the antenna (not the whole assembly) for best picture! 15-1816 25.95

Color Eagle UHF/VHF Antenna

14⁹⁵ Tunable Phasing Switch

Special design sharpens color and b&w pictures, and a phasing switch cuts "ghosts" on channels. Four-section VHF dipoles. Dual UHF loops turn without moving the whole antenna. Satin-chromed for lasting beauty. Color-coded VHF & UHF leads for simple hookup! 15-1810 14.95

Color Eagle II UHF/VHF/FM Antenna

Color-Coded Leads For Easy Hook-Up **19⁹⁵**

Quality-built with satin-brass VHF dipoles and dual UHF loops on a rotatable turntable. The antenna base remains stationary, eliminating tangled wires atop your set. Improves FM reception in weaker areas, too. Phasing switch reduces "ghosts." UHF-VHF-FM selector. 15-1809 19.95

Deluxe UHF/VHF Antenna

• Fine-Tuning Switch **9⁹⁵**

• Improves Color and Black-and-White Reception

Multi-position fine-tuning switch for optimum reception of each signal. Brass-plated VHF dipoles telescope to 39". Installs quickly with screwdriver. 15-1812 9.95

FM Stereo Supreme **11⁹⁵**



Cuts FM drift and noise dramatically, improves selectivity and channel separation. Multi-purpose fine-tuning knob eliminates the need to move the antenna. Telescopic brass dipoles. 15-1820 11.95

Budget-Priced UHF/VHF Antenna

8⁹⁵ 6-Way Tuning

Telescopic brass-plated dipoles with swivel adjustment, plus dual UHF phasing loops. 15-626 8.95



UHF Twin Bow-Tie Antenna
Outperforms Built-Ins **7⁹⁵**

Just place it atop your TV for clear local UHF, color and black-and-white. Gold-color bowties, brass-plated reflector grid. 15-623 7.95

VHF/FM "Rabbit Ears"

3⁸⁹

Modern-look, telescopic 3-section dipoles, anti-tip felt-covered base. 15-955 3.89

Back-of-Set VHF Antenna

5⁴⁹

Mounts out of sight on most sets. Telescopic 30" dipoles. 15-1804 5.49

UHF VHF/FM "Rabbit Ears"

6⁴⁹

Nice styling and 6-way impedance matching. Telescopic dipoles. 15-956 6.49

Replacement Antennas



99c

2¹⁹

2⁹⁹

Easy to Install

UHF Loop

Replace that bent or lost UHF loop. 15-233 99c

UHF Bow-Tie

Snaps on VHF rod, connects to UHF terminal. 15-234 2.19

VHF Rod

Replaces broken VHF rods on most TV sets. Extends to 38". 15-232 2.99

ENERCELL® Batteries — Power for Every Purpose

For General-Purpose Applications

- Cost Less Than Most Other Brands
- Protected Against Leakage
- Rigid Steel Shell, Polyethylene Inner Liner
- Corrosion-Resistant Contacts



A 1.5V "D" Cell
 B 1.5V "AA" Cell
 C 1.5V "C" Cell
 D 9V Rect.

Our most popular batteries! We sell millions every year, so you can be sure they're fresh and strong when you buy them. Compare and you'll see what a value they really are.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Eveready	Ray-O-Vac		
A	D	950	13	23-466	34
B	AA	915	15	23-468	27
C	C	935	14	23-467	34
D	9V Rect.	218	1804	23-464	59

Get Your **FREE** Battery Card!

Radio Shack BATTERY CLUB

Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 1 FREE BATTERY EACH MONTH FOR 1 YEAR

Saves You **\$708** Up to

Join the Battery-A-Month Club and get one Radio Shack General-Purpose ENERCELL each month, FREE, for one whole year! No obligation! Nothing to buy! Choice of 1.5V "D," "C," "AA" or 9V sizes. Come in for your card!

Good at Participating Radio Shack Stores and Dealers

Power for Heavy-Duty Use

- "Miracle Seal" for Greater Leak Protection
- Shelf Life Up to Three Years • Rigid Steel Case
- Stock Up — Be Prepared for Emergencies

Save money, save bother by stocking up now on our exclusive ENERCELL Extra-Life batteries at our low prices! These heavy-duty cells outperform "regular" batteries and their specially-processed electrolyte gives you a longer service life. That means fewer trips to the store for replacements. Their 3-year shelf life and reliable discharge voltage gives you even more for your money.

Fig.	Cell Type	Replacement for		Cat. No.	Each
		Ray-O-Vac	Eveready		
A	D	6D	1250	23-590	55
B	AA	5AA	1215	23-582	45
C	C	4C	1235	23-581	55
D	AAA	400	911	23-584	35
E	9V Rect.	2160A	1222	23-583	1.19



A 1.5V "D" Cell
 B 1.5V "AA" Cell
 C 1.5V "C" Cell
 D 1.5V "AAA" Cell
 E 9V Rect.



Batteries not included

Deluxe Home Battery Charger

12⁹⁵

- Charges 2 or 4 Batteries At the Same Time
- Power Indicator

Revitalize your weak General-Purpose and Extra-Life "C," "D," "AA" and 9V radio and flashlight batteries. Cannot overcharge. 2 1/4 x 8 1/2 x 3 3/4" U.L. listed AC operation. 23-120 12.95

"Radio Shack" Battery Checker

Styled Just Like Our Popular ENERCELL Batteries

NEW FOR '83

3⁹⁹

Makes battery testing fun and easy! Meter indicates remaining strength. For 9V "transistor," 1.5V "C," "D" and "AA" sizes. 4 1/4 x 3 1/4 x 1 1/2" 22-098 3.99



THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU — WHEREVER YOU ARE

www.RadioShackCatalogs.com

Dependable Long-Life ENERCELL® Alkaline Batteries



Alkalines Last Up to 10 Times Longer*

- Long Shelf Life • Saves in the Long Run • Anti-Corrosion Contacts
- High Output at Lowest Temperatures • For All Standard Uses
- Keep Battery Operated Equipment Working Harder and Longer

Each of our exclusive alkalines delivers top performance at high current drain even in the lowest temperatures and retains full power during long-term storage. Steel clad, insulated, dependable! Non-rechargeable. (*In same service as regular zinc-carbon cell.)

Fig.	Cell Type	Replacement for			Cat. No.	Price
		Ray-O-Vac	Eveready	Duracell		
F	"N"	810	E90	MN9100	23-023	Pkg. 2 1.49
D	"D"	813	E95	MN1300	23-550	Pkg. 2 2.49
A	"C"	814	E93	MN1400	23-551	Pkg. 2 2.49
C	"AA"	815	E91	MN1500	23-552	Pkg. 4 3.19
B	9V Rect.	.....	E22	MN1604	23-553	Each 2.19
E	"AAA"	.....	E92	MN2400	23-555	Pkg. 2 1.49



Last 10 Times Longer in Toys!

5 Times Longer in Radios!



7 Times Longer in Flashlights!



6 Times Longer in Walkie Talkies!



Silver Oxide Watch/Calculator Batteries

Extra Protection Against Leakage

Silver oxide ENERCELL batteries will power your watch or calculator a long time before replacement is required! Store at room temperature for longer life than ordinary batteries.

Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Duracell	Other		
RS76	EPX76	RW22-42	D357-10L14	G13, 541	23-009	3.19
RS388	388	RW49	D388-10L122	G10, V1095	23-101	1.99
RS392	392	RW27-47	D392-10L125	G3, 547	23-102	1.29
RS393	393	RW28-48	D393-10L123	G5, 546	23-103	2.19
RS303	303	.....	D303-W514	G514, 521	23-104	2.99
RS357	357	RW22-42	D357-10L14	G13, 541	23-105	3.19
RS386	386	RW24-44	D386-10L124	G12, 548	23-106	2.99
RS391	391	RW40	D391-10L130	G8, V965	23-107	1.79



Alkaline Calculator Batteries

ENERCELL for Maximum Performance

Maximum protection from leakage through exclusive sealing design. Long-life keeps your calculator running at peak performance.

Radio Shack	Replaces				Cat. No.	Each
	Eveready	Ray-O-Vac	Maxell	Other		
RS374	A75	RWR2	LR44	V135A, 76A	23-115	.99
RS384	186	RW6	LR43	V125A, 86A	23-116	.99
RS384	186	RW69	LR1130	V105A, 88A	23-117	.99
RS381A	181	.....	LR1130	V105A, 88A	23-118	.99

Mercury Hearing Aid Battery Pack

Keep Spares Handy With Dial-A-Dispenser



Each battery passes more than 20 exacting quality checks, your assurance of the dependability you need and expect.

Radio Shack	Replacement for					Cat. No.	Price
	Eveready	Ray-O-Vac	Duracell	Other	Other		
RS475M	EP675	RW675	MN675M	1107, 675MP	1116, M13	23-145	Pkg. 6 3.79
RS12M	E132	R13	RM13M	1116, M13	1116, M13	23-146	Pkg. 6 3.59
RS41M	541	R41	RM41M	1116, M11	1116, M11	23-147	Pkg. 6 3.79



Button Cell Battery Tester

NEW FOR '82 3.95

Available Nov. 30, 1981

- Saves Money, Time
- Small, Easy-to-Use

Simply drop the battery in place, squeeze the side-mounted test switch, and watch the Good/Replace meter. Tests under "load" conditions. For silver oxide, alkaline and mercury batteries used in many watches and calculators. 3 1/4 x 1 1/4 x 1 1/4". 22-097 3.95



Deluxe Battery Tester

9.95

Leads Make Testing Non-Standard Batteries a Breeze!

Tests almost any battery under "actual load" conditions. Ranges include 1.5/6/9/15/22.5 volts. Two color-coded scales for regular and mercury battery types. Also tests nickel cadmiums, watch/calculator batteries. With test leads. 5x3 1/2 x 1 1/2". 22-030 9.95

Handy Battery Checker

6.95

Tests 9V and 1.5V "AA", "C" and "D" Sizes

Battery not included

Checks zinc-carbon, alkaline, mercury and nickel cadmium batteries. Press battery in place and voltage level is indicated. 4 1/4 x 2 1/4 x 1 1/2". 22-100 6.95



Rechargeable ENERCELL® Batteries Meet Big Demands

Nickel Cadmium Batteries — More Power to You

- Keep Working Long After Other Batteries Have Worn Out
- Steel-Clad and Insulated for Extra Dependability
- Recharge Them Over and Over — They Pay for Themselves
- Four Popular Sizes to Choose From

Stop wasting money on one-life batteries! ENERCELL batteries can be recharged time and again with the charger below. Available in sizes "D," "C," "AA" and for 9V applications. The most efficient source of reusable power available. Rated 1.25V.

Fig.	Cell Type	Replacement for				Cat. No.	Pkg. of 2
		Eveready	Ray-O-Vac	GE	Duracell		
A	D	CH1.2-D	613	GC3	NC13D	23-123	5.95
B	C	CH1.2-C	614	GC2	NC14C	23-124	5.95
C	AA	CH500	615	GC1	NC15AA	23-125	4.39
D	9V*	CH22BP	NC1604	GC9B	NC169VB	23-126	9.95 Ea.



Batteries not included

Nickel Cadmium Battery Chargers

- Specially Designed for ENERCELL Rechargeable Batteries
- Recharge Your Batteries in a Matter of Hours

- A Battery Charger.** Recharges "AA," "C" and "D" batteries in seven to 14 hours depending on the initial charge. Unique design allows you to charge one size of battery in one side while the other side charges a different size. 8 $\frac{3}{4}$ "x3 $\frac{3}{4}$ "x2 $\frac{1}{4}$ " U.L. listed AC operation. 23-122 11.95
- B 9V Battery Charger.** Plugs directly into 120VAC outlet. Charge time varies from 14 to 16 hours, depending on the initial charge. U.L. listed. 23-131 3.95

The Shack® is the Place for Those "Hard-to-Find" Batteries

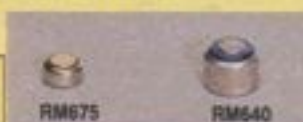
Portable Lantern

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
6	941	909	M908	23-006	2.79
12	926	732	M926	23-007	10.39
6	944	1209	M918	23-016	3.79
6	942	5100	M915	23-066	3.19
1.5	619A	186	M905	23-143	5.59
6	918	731	M918	23-541	7.49



Miniature

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
1.4	7940-1	E640	RM640	23-1515	1.99
1.4	7675	E675	RM675	23-1521	Pkg. 2: 1.29



Transistor Radio

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
9	T1611	206	M1611	23-010	2.29
9	1605	266	M1605	23-011	3.69
9	1600	226	M1600	23-012	2.79
15	220	504	M504	23-509	3.09
22.5	221	505	M505	23-510	3.99
9	1603	276	M1603	23-569	5.19
1.5	716-4	904	910F	23-574	.29



Photo/Lighter

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
12.0				23-144	.89
6.0		A544	PX26	23-489	3.79
1.35		EPX13	PX13B	23-470	1.99



Smoke Alarm

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
12.6		304116	304116	23-670	8.59
11.2			TR431	23-671	8.59



Specialty

Volts	Equivalent Types			Cat. No.	Price
	Ray-O-Vac	Eveready	Duracell		
7.0	T175	E175	TR175	23-601	4.39
1.4	T401	E401	RM401	23-690	1.49
4.2	T133	E133	TR133	23-1523	4.99
8.4		E146X	TR146X	23-1527	4.89
1.4	T9	E9	ZM9	23-1535	Pkg. 2: 5.19
8.4	T126	E126	TR126	23-1536	5.89



Realistic® CB Walkie-Talkies Help Keep You In Touch



3 Channels
300 mW

A 29⁹⁵

3 Channels
1 Watt

B 39⁹⁵

Realistic—
Leading in
CB Since
1959



- Channel 14 Transmit/Receive Crystals Included
- Durable High-Impact Cases With Wrist Straps
- Built-In Telescoping Antennas

A Realistic TRC-85. Value priced! Features a battery-test button with LED indicator light, side-mounted volume/on-off and push-to-talk controls for one-hand operation, 3-position channel selector. Add optional crystals for two more channels. 8 $\frac{1}{2}$ "x3x1 $\frac{1}{2}$ ". Requires 6 "AA" batteries. 21-1607 29.95

B Realistic TRC-83. Extra power and features for more serious users. Adjustable squelch, volume control, battery-test button with LED indicator, separate speaker and mike, battery charger jack. Add optional crystals for two more channels. Requires 8 "AA" batteries. 9 $\frac{1}{2}$ "x3 $\frac{3}{4}$ "x2 $\frac{1}{4}$ ". 21-1605 39.95

C Realistic TRC-84. Just right for scouts and young outdoorsmen. Superhet receiver, volume control, combination speaker/mike. 6 $\frac{3}{4}$ "x3x1 $\frac{1}{4}$ ". Requires 9V battery. 21-1606 19.95

1 Channel
100 mW



C 19⁹⁵

All Are FCC Type Accepted for
Use on Any of the 40 CB Channels

Metal Detectors — Get Into the Excitement of a Treasure Hunt



Find
Buried
Valuables!

Fun and Adventure
For the Whole Family!

A Discriminator-Type Detector

Rejects "Junk" Items Like Bottle Caps
And Pull Tabs — Saves Useless Digging

Advanced circuit discriminates between valuable and worthless articles. Built-in headphone jack and speaker give audible detection, and a large, easy-to-read meter gives visual signal. Handle-mounted pushbutton for automatic tuning. Water-resistant 6" search coil for more sensitive scanning. Shaft extends to 24". Requires 6 "AA" batteries. 63-3002 59.95

B Standard Metal Detector

- Large Easy-to-Read Meter
- Sensitivity Peaking Control
- Ferrous/Non-Ferrous Selector

Discover relics under soil, wood, sand. Water-resistant 8" coil with Faraday Shield to nullify false readings. Lightweight (under 2 lbs.). Shaft extends 24". Requires 6 "AA" batteries. 63-3001 39.95

C Low-Cost Treasure Finder

Great for Beginning Treasure Hunters

Spots anything metallic up to 6" underground. With tuning and fine-tuning controls. Speaker changes pitch when a "find" is near. Shaft extends 27". Requires 9V battery. 60-3003 19.95

NEW
FOR '90

A 59⁹⁵

B 39⁹⁵

C 19⁹⁵

High-Power, High Performance CB Walkie-Talkies

Our Best!

**40 Channels
5 Watts**

Ready to Use
On All Channels!
No Crystals to Buy!

169⁹⁵



Push-to-Talk
Mike Plugs Into
TRC-209
(optional extra)

Carry Case
Included
4⁹⁵
Value!



- Easy-to-Read LED Channel Display
- Unique Range-Boost Antenna System
- Hi-Lo Power Battery-Saver Switch

Realistic® TRC-209. Our finest—ideal for camping, fishing, construction sites or wherever reliable portable communication is needed! Features a phase-locked loop synthesizer for crystal-controlled transmit and receive on all 40 channels! Also has LED frequency display, Range-Boost antenna system for extended signal reach on both transmit and receive, Hi-Lo power switch to conserve batteries, battery/RF meter, adjustable squelch, separate speaker and electret condenser microphone. Accessory jacks let you add an external speaker, earphone, antenna, hand mike, DC adapter, and battery charger. 10x3 1/2x2 1/2". Requires 8 "AA" or 10 rechargeable batteries. 21-1660 169.95

**6 Channels
5 Watts
99⁹⁵**



Push-to-Talk
Mike Plugs Into
TRC-208
(optional extra)

Carry Case
Included
4⁹⁵
Value!



Realistic TRC-208. Auto-modulation and gain controls, Range-Boost antenna system, Battery/RF meter, Hi-Lo power-saver switch, jacks for external speaker, antenna, hand mike, DC adapter, battery charger. With Ch. 14 crystals—add optional-extra crystals for up to 5 more. 10 1/4x3 1/2x2 1/2". Requires 8 "AA" or 10 rechargeable batteries. 21-1651 99.95

**3 Channels
3 Watts
59⁹⁵**



Realistic TRC-206. Auto-modulation, Range-Boost and center-loaded antenna for extra "talk power." Squelch control, LED battery test and modulation indicators, jacks for external antenna and charger. With Ch. 14 crystals—add optional-extra crystals for 2 more. 9 3/4x3 3/4x3". Requires 8 "AA" or 10 rechargeable batteries. 21-1635 59.95

**3 Channels
2 Watts
49⁹⁵**



Realistic TRC-201. Auto-modulation for maximum talk-power plus Range-Boost antenna system for extended signal reach. Squelch control, separate speaker and condenser mike, LED battery test indicator. With Ch. 14 crystals—add optional-extra crystals for 2 more. 10 1/4x3 1/2x2 1/2". Requires 8 "AA" or 10 rechargeable batteries. 21-1630 49.95

Walkie-Talkie Accessories



A Flexible Rubber Antenna
For loaded and standard antennas. Clamps with one screw. 21-980 7.95

B Battery Charger
Charges 12-15V nickel cadmium batteries. Use with 21-1605, 1630, 1635, 1651 and 1660. Plugs into 120VAC. U.L. listed. 21-518 6.95

C 12VDC Car Power Cord
Power your walkie-talkie from your lighter socket. Neg. gnd. only. 8' fused cord. 270-1533 3.29

CB Transmit/Receive Crystals

Channel	Cat. No.	Pair
5	21-1205	4.98
7	21-1201	4.98
9	21-1202	4.98
10	21-1206	4.98
11	21-1207	4.98
19	21-1219	4.98
30*	21-1230	4.98
35*	23-1235	4.98

*Only for equipment FCC Type Accepted for use on any of the 40 CB channels.

Made and tested in our own U.S. factory. Two-pack includes one receive and one transmit. Channels not listed may be Special-Ordered (except synthesizer crystals).



Learn How — With the Radio Shack Reference Library

COMPUTER TECHNOLOGY

- Understanding Computer Science.** Covers history, hardware, programming and languages of computers. Includes operating system programs. 256 pages. 62-1383 2.95
- Understanding Digital Electronics.** Explains digital electronic devices, circuits, and systems. 240 pages. 62-2010 3.95
- Understanding Microprocessors.** Learn what microprocessors are and how they can be used. 296 pages. 62-2017 2.95
- Understanding Digital Computers.** Easy-to-read programmed course on digital computer basics. 160 pages. 62-2027 4.95
- How to Program the Z80.** Educational text and self-contained reference. From basic concepts to advanced data structures manipulations, with comprehensive description of all Z80 instructions. 626 pages. 62-2066 10.95

COMMUNICATIONS

- Understanding Satellite Communications Systems.** Description of the basic means of electronic communications. 256 pages. 62-2018 2.95

Introduction to Antennas. Comprehensive, easy-to-understand guide. Explains how CB, TV, radio, short-wave antennas are designed. How to choose and install antennas. 128 pages. 62-2051 1.95

REFERENCE — SERVICING

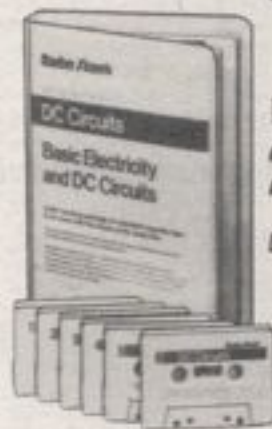
- Tube Substitution Handbook.** Up-to-date DIRECT tube substitution guide includes more than 12,000 substitution tubes for all applications. 62-2030 1.95
- TV Tube Symptoms and Troubles.** Complete guide to analyzing tube-related problems, shows hundreds of common troubles. Illustrated to make servicing easier. 96 pages. 62-2033 2.25
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- Math for the Electronics Student.** How to solve problems in circuits, induction, capacitance, RMS, peak power, power factor, resonance. 112 pages. 62-2057 1.95

GENERAL

- Understanding Optronics.** All about lasers, light waves, displays and optoelectronics. 256 pages. 62-1384 2.95
- Guide to Stereo High Fidelity.** Perfect intro to component stereo systems, as well as a handbook for the advanced user. Discusses speakers, amplifiers, record players, tape decks, headphones, FM 4-channel, assembling a system. 175 pages. 62-2029 1.95
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- Building Speaker Enclosures.** How to construct closed, ported, labyrinth, horn, PA and many other designs. 192 pages. 62-2309 4.95

New! Continuing Education Courses in AC/DC Electronics

Learn Everything From the Basics to Advanced DC Circuit Analysis



A **29⁹⁵** **NEW FOR '82**

DC Circuit Course Cassettes **6⁹⁵ Each**

Save \$3⁰² Both for 10⁸⁸



For the Beginning Electronics Student

Basic AC Circuits Course

NEW FOR '82

5⁹⁵ Each

Save \$1⁹⁵

Both For 9⁹⁵

- The Oscilloscope
- Inductive Circuits
- RLC Complex Circuits



- A DC Circuits Audio Learning Package.** Six standard cassette recordings for use with Volumes I and II. below. 62-2401 29.95
- B DC Circuits Volume I.** Introduction to electricity, voltage, Ohm's law, parallel circuits. 62-2019 6.95
- Volume II.** Covers voltage dividers, capacitors, inductors, more. 62-2020 6.95

- Basic Circuit Concepts.** An introduction to alternating current. 62-2021 5.95
- Complex Circuit Analysis.** Inductance, resonance, transformers, phasor algebra in RLC circuits, more. 62-2022 5.95

Listen In on All the Action With a Scanner Radio

8-Channel Table Scanners for Exciting, At-Home Listening



2 BANDS! VHF-Hi
VHF-Lo

129⁹⁵

4 BANDS! VHF-Hi/Lo
UHF-Hi/Lo

149⁹⁵

U.S. Pat. Nos.
3,794,925
and
3,895,303

Hear Police, Fire, Railway, Mobile Phones, Weather!

Specifications

Sensitivity (for 20 dB quieting): 1 microvolt, except PRO-53 UHF-Hi, 3 microvolt.
Selectivity: ±9 kHz, -6 dB, ±47 kHz -50 dB. **Audio Output:** Over 2 watts.
Bands: VHF-Lo 30-50 MHz; VHF-Hi, 148-174; UHF-Lo, 450-470; UHF-Hi, 470-512.
Power Requirement: 120VAC. **Size:** 4 1/2" x 9 1/2" x 7 1/4"

Realistic® PRO-53. Automatically locks in on active channels, resumes scan when conversation ends. Automatic scan-delay holds channel two seconds—you don't miss return calls. Individual channel-lockout switches select any or all channels. Squelch keeps set quiet between calls. Headphone jack. LED channel indicators. Requires up to 8 crystals. U.L. listed. AC operation. **20-122 149.95**

Realistic PRO-52. (Not shown). As above, except covers VHF-Hi/Lo bands only. **20-121 129.95**

Crystals. Specify frequency desired. **Each 4.95**

Portable* Scanners Bring the Action Along



NEW FOR '92

VHF Hi-Lo/UHF
VHF Aircraft

149⁹⁵

VHF-Hi/Lo
129⁹⁵

VHF-Hi/UHF
129⁹⁵

Two Antennas included!

Use the antenna that best suits your needs!
Telescoping for optimum range.
Short flexible type for use in close quarters!

Above Units Covered by One or Both U.S. Pat. Nos. 3,794,925 3,895,303



"Police Call" Frequency Directories — Latest Editions

6⁹⁵ Each Get the most out of your scanner radio! Over 10,000 frequency listings per volume!

- All Emergency Frequencies and Call Letters Are At Your Fingertips
- State/Local Governments, Fire, Police, Rescue, Railway and More

Vol.	States Covered	Cat. No.	Each
1	Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont	62-1041	6.95
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8	Arizona, Colorado, Idaho, Montana, New Mexico, Nevada, Utah, Wyoming	62-1048	6.95
9	California, Oregon, Washington	62-1049	6.95

A Realistic PRO-22. Monitor the action wherever you go—includes a handy belt clip! Automatically scans up to six channels on 30-50 MHz VHF-Lo, 118-136 MHz VHF Aircraft, 144-174 MHz VHF-Hi, 450-470 MHz UHF-Lo and 470-512 MHz UHF-Hi. Features scan-delay to catch call responses, channel lockout to skip temporarily unwanted channels, variable squelch, built-in speaker. Jacks for earphone, external antenna. AC/DC adapters, battery charger. With earphone, batteries. 7 1/2" x 3 3/4" x 1 1/2". Requires up to 6 crystals (below). **20-103 149.95**

B Realistic PRO-20A. As above, but 4 channels, 30-50 MHz VHF-Lo/144-174 MHz VHF-Hi. **20-101 129.95**

C Realistic PRO-21A. As above, but 4 channels, 144-174 MHz VHF-Hi and 450-470 MHz UHF-Lo/470-512 MHz UHF-Hi. **20-102 129.95**

Crystals. Specify frequency **Each 4.95**

120VAC AC Adapter/Charger. U.L. listed. **20-189 6.95**

12VDC Adapter. Fits lighter socket. **270-1561 8.95**

*MOBILE USE OF SCANNERS IN SOME AREAS MAY BE UNLAWFUL OR REQUIRE A PERMIT—CHECK WITH LOCAL AUTHORITIES 129

Outstanding 20-Channel Programmable Scanner

NEW FOR '82



299⁹⁵

- No Crystals to Buy • Direct Keyboard Entry of 20,480 Channels • For Home or Car*
- Covers 30-50, 138-148 and 148-174 MHz, 108-136 MHz (AM) Aircraft, 410-470, and 470-512 MHz UHF

Realistic® PRO-2020. Enjoy real-life listening excitement with continuous, automatic reception of UHF and VHF channels. Hear local action as-it-happens on police, fire, railway and aircraft frequencies, plus Amateur radio operators, VHF weather stations, mobile telephone and more! Just enter the frequencies you want to hear, or the lower and upper limits you want to "search" with the digital keyboard — no crystals are ever needed! Two scan speeds, scan delay to avoid missing call-backs. Electronic individual channel lockouts let you select only the channels you want to scan. Zeromatic[†] circuitry for precise signal tuning. You can scan automatically or manually. The frequency you're listening to, or

entering into the scanner, is displayed on a fluorescent readout. Priority feature lets you constantly monitor Channel 1 while scanning other frequencies. Battery backup maintains memory during power blackouts or when you unplug the scanner. Built-in speaker plus jack for headphone or external speaker, antenna jack, and jack for tape recording. With mobile* mounting bracket, manual, power cords. U.L. listed AC operation or 12VDC neg. gnd. external power. Requires 9V battery for backup feature. 2½x7½x9½" 20-112 299.95

U.S. Patent Nos. 3,794,925, 3,801,914, 4,245,348



6-Band, 10-Channel Scanner for Exciting Home or Car* Listening

NEW FOR '82

169⁹⁵

- Automatic AM Switching for Aircraft
- AFC on UHF Band • ANL on AM Band
- Crystal Controlled • Dual Conversion
- Individual Channel Lock-Out Switches

Bands: VHF-Low, 30-50 MHz; Aircraft, 108-136 MHz; VHF-High, 144-148 MHz; VHF-High, 148-174 MHz; UHF, 450-470 MHz; UHF ("T"), 470-512 MHz. **Sensitivity** (for 20 dB quieting): VHF-Low, 0.8 µV; Aircraft, VHF-High, UHF, 1 µV. **Audio Output:** 1.5 watts. **Size:** 2½x7½x9½". 120VAC or 12VDC neg. gnd.

U.S. Patent No. 3,794,925

Realistic PRO-48. Scan up to 10 crystal-controlled channels for exciting, up-to-the-minute action and drama. Scanner automatically locks on to any active channel. Delay circuit waits two seconds for a return call. LED channel indicators. Automatic or manual channel selection, crystal and ceramic filters to clean up reception, built-in speaker. Jacks for headphone or external speaker, external antenna. Requires up to 10 crystals (below). U.L. listed. 20-143 169.95

Crystals. Specify frequency Each 4.95

50-Channel Programmable Scanner for Home or Car*



399⁹⁵

No Crystals Needed! Direct Keyboard Entry of 20,480 VHF, UHF, Air Channels

Realistic PRO-2002. The most sophisticated scanner we've ever offered! Digital keyboard lets you enter up to 50 frequencies for monitoring, storing or exploring. Search buttons make it easy to find new or "secret" channels — just enter the lower and upper range limits and select the search speed. You can search all frequencies or in any of five sets. When you find an interesting frequency, simply read it off the big fluorescent display and enter it into memory. Battery backup feature maintains the micro-processor memory during power failures or when you unplug the scanner. Zeromatic® circuit assures accurate signal tuning every time. Features include automatic or manual scanning, scan-delay

so you can hear both sides of messages, electronic individual channel lock-out for temporarily bypassing unwanted channels, and a variable squelch control so you hear only the messages, not the noise. Fluorescent display shows the channel number, frequency, status, program mode and time. Any one of the 50 channels can be selected as the priority channel. Built-in speaker, plus jacks for headphone, external speaker and tape recorder. Band Coverage: VHF-Lo, 30-50 MHz; Aircraft (AM), 108-136 MHz; Govt./Ham, 138-148 MHz; VHF-Hi, 148-174 MHz; UHF-Lo, 410-470 MHz; UHF-Hi, 470-512 MHz. Includes operating manual, mobile* mounting bracket, all power cords. U.L. listed AC operation or 12VDC neg. gnd. external power. Requires 9V battery for backup feature. 3 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "x10 $\frac{1}{2}$ "

20-116 399.95
U.S. Pat. Nos. 3,794,925 and 3,801,914, 4,245,348

Indoor Plug-In Scanner Antennas

VHF-Hi/Lo
9⁹⁵

Center-loaded. Extends 16-40". Motorola-type plug. 20-161 ... 9.95

UHF-Hi/Lo
9⁹⁵

20 $\frac{1}{2}$ " long. Motorola-type plug fits Realistic Scanner. 20-451 ... 9.95

Mobile Antennas VHF/UHF No-Hole Trunk Mount

25⁹⁵

Stainless-steel whip, 16-ft. cable. Motorola-type plug. 20-017 ... 25.95

VHF/UHF Magnet Mount
25⁹⁵

Secure — even at high speed! 16-ft. cable, Motorola-type plug. 20-018 ... 25.95

Outdoor Scanner Antennas and Accessories

A VHF-Hi, UHF-Hi/Lo Ground Plane. 152-512 MHz. Fits up to 1 $\frac{1}{2}$ " dia. mast. Accepts PL-259. Less cable. 20-176 12.95

B VHF/UHF Hi/Lo Ground Plane. Accepts PL-259. Less cable. 20-014 29.95

C Coax Adapter. PL-259 to Motorola-type plug. 278-208 1.99

D Coax Clips. For RG58/U. 20-192 10/99c For RG8/U. 20-193 6/99c

E Coax Assemblies. 52-ohm, PL-259 at each end. 50' RG58/U. 278-971 11.95 50' RG8/U. 278-970 19.95 100' RG8/U. 278-972 34.95

A 12⁹⁵

B 29⁹⁵

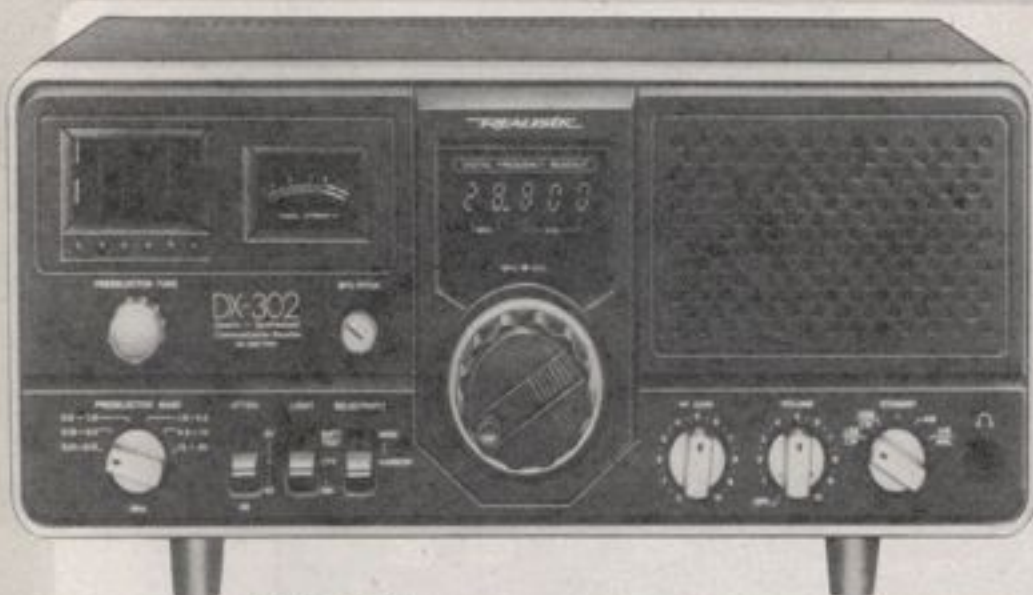
C 1⁹⁹

D 99^c

Low As 11⁹⁵

*MOBILE USE IN SOME AREAS MAY BE UNLAWFUL — CHECK WITH LOCAL AUTHORITIES

Digital LED Readout! Our Top Communications Receiver



**Continuous Coverage,
10 kHz to 30 MHz**



399⁹⁵

Specifications

Sensitivity for 10 dB Signal-to-Noise Ratio: AM, 30 μ V at 50 kHz; 1 μ V at 900 kHz; 0.5 μ V at 3.1 MHz and above. SSB, 15 μ V at 50 kHz; 0.5 μ V at 900 kHz; 0.3 μ V at 3.1 MHz and above. **Selectivity:** Wide, 3.5 kHz, -6 dB; 6 kHz, -60 dB; Narrow, 2.5 kHz, -6 dB; 4.0 kHz, -60 dB. **Frequency Stability:** Within 1 kHz per hour after 60-minute warm-up. **Power Requirement:** 120VAC or 12VDC neg. gnd. or 8 internal "C" batteries (not incl.)

Hear Foreign Broadcasts, Marine SSB, SSB/CW Ham Bands — More!

- Triple-Conversion Quartz-Locked Circuit for "On-the-Nose" Tuning Accuracy
- No Calibration Needed • Dual-Gate MOSFET Mixers for Low Noise, High Sensitivity

Realistic DX-302. Our finest and most versatile for a world of fascinating listening! A tunable 6-band preselector, with LED band indicators and lighted dial, assures peak sensitivity. To help separate closely spaced signals, the "302" has six and nine-element ceramic filters. An RF gain control and 3-step RF attenuator prevent strong signal overloading. Function switch selects lower sideband, upper sideband, standby, AM and AM-ANL (automatic noise limiter) modes. Variable-pitch BFO for easy CW and SSB tuning. Up-front speaker plus headphone jack. Rear panel jacks for external speaker, code key, tape recorder or amplifier. For portable operation, there's a recessed handle and a dial light switch to conserve batteries. Includes whip antenna and manual. 5 $\frac{1}{2}$ "x14 $\frac{1}{2}$ "x10" U.L. listed. **20-220** **399.95**



**5-Band Communications
Receiver Tunes the World**

Frequency Coverage

150-400 kHz	Longwave
520-1600 kHz	Standard AM
1.55-4.5 MHz	Shortwave
4.5-13 MHz	Shortwave
13-30 MHz	Shortwave

229⁹⁵

**5-Element
Ceramic Filter**

Specifications

Sensitivity: 1 μ V for 10 dB S/N ratio. **Selectivity:** 4 kHz, -6 dB; 8 kHz, -40 dB. **RF Gain Control Range:** 60 dB at 7 MHz. **Receiving System:** Single conversion, 455 kHz IF. **Calibrator Accuracy:** 20 ppm. **Power Requirement:** 120VAC, 60 Hz.

Realistic DX-200. Tune in the world! This feature-packed receiver has calibrated bandspread for easy tuning of seven international broadcast bands, 5 Ham bands and CB. Main tuning dial has LED band indicators, quick calibrating. RF gain control for best signal sensitivity. Antenna trim provides best reception from any antenna. Variable-pitch BFO and Fast/Slow AGC control for outstanding SSB performance. Switchable automatic noise limiter for AM. Headphone jack, external speaker jack, terminals for antenna and ground. 5 $\frac{1}{2}$ "x14 $\frac{1}{2}$ "x8" steel cabinet with molded front. U.L. listed AC operation. **20-205** **229.95**

Tune in Worldwide News, Views, Sports and Music



4-Band General Coverage Receiver

- Variable BFO for Receiving Single Sideband and Code
- Fine-Tuning Control Helps Separate Closely Spaced Signals
- Large Illuminated Main Tuning Dial and Signal Strength Meter

99⁹⁵



Realistic DX-100. A great way to get started in a fascinating hobby! This easy-to-operate receiver offers exciting global listening at an affordable price. Tunes 520 kHz to 30 MHz in four bands. Automatic noise limiter reduces impulse-type interference, and a ceramic IF filter cuts signal interference on crowded bands. Sensitive front end pulls in the weaker stations. Up-front speaker for clean, clear sound. 1/4" headphone jack. 5 3/4"x12x8" U.L. listed AC operation, or 12VDC neg. gnd. 20-206 **99.95**

5-Band Portable Shortwave Radio



NEW FOR '82

49⁹⁵

- AM, FM, 3 SW Bands
- Automatically Switches AC-to-Battery in Case Of a Power Failure

Available Oct. 30, 1981

Both Are Ideal for Foreign Students and Visitors to the USA

Realistic DX-55. Worldwide coverage you can carry around! Features shortwave line-tuning control to separate crowded stations, pushbutton band selectors, slide-action volume and tone, 3 1/2" speaker, telescoping antenna, jack for external SW FM antenna. With earphone. 7 1/2"x12x3 1/2" U.L. listed AC operation or 4 "C" batteries (not incl.). 12-777 **49.95**

Six-Band Portable Radio with VHF Air



NEW FOR '82

69⁹⁵

- VHF Aviation 108-136 MHz
- SW 3-7 MHz
- SW 7-18 MHz
- SW 18-26 MHz
- AM • FM

Available Oct. 30, 1981

Realistic DX-66. Take a world of entertainment with you. Feature-packed portable tunes 3-26 MHz SW in 3 bands, VHF aircraft, plus FM and AM. Has all-band fine tuning, tone control, automatic AC-to-battery switching, headphone and external-antenna jack. U.L. listed AC operation or 4 "C" batteries (not incl.). 10 1/4"x12x4" 12-767 **69.95**

Value-Priced Selection of Accessories for a Complete Listening Post



Shortwave Antenna Kit
8.49

75' copper antenna wire, insulated lead-in, standoffs, "egg" insulators, under-window feedthrough.

278-758 **8.49**



Mono Headset
9.95

Adjustable headband and padded earcushions. 4-16 ohms. Std. 1/4" plug.

20-200 **9.95**



Morse Code Hand Key
5.95

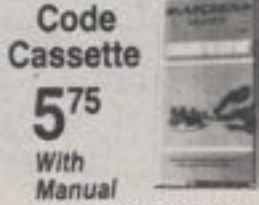
Fully Adjustable
Adjustable spring and contacts. Ball bearing pivots. 20-1084 **5.95**



Code Oscillator Module
2.49

Fully assembled—just add a key, speaker or headphones. Requires 1 1/2V battery.

20-1155 **2.49**



Code Cassette
5.75
With Manual

12 self-paced lessons from beginner to 15 words per minute. For all cassette players.

20-026 **5.75**

THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU—WHEREVER YOU ARE

www.RadioShackCatalogs.com

Multi-Band Portables and Our Exclusive TIMEKUBE®



**3 Bands — AM, FM,
VHF-Hi/Aircraft**

41⁹⁵

NEW
FOR '81

- VHF Squelch Control
- Earphone Included

Available Oct. 15, 1981

Patrolman®-33. Listen to police, ground control and planes in flight, fire, trains, weather, AM/FM. 3" speaker, built-in AM and telescopic VHF/FM antennas. Bands: 108-174 MHz VHF-Hi/Air; AM; FM. Built-in AFC and automatic AC-to-battery switching. 7 $\frac{1}{2}$ "x10x3 $\frac{1}{2}$ ". U.L. listed AC operation or 4 "C" batteries (not incl.). 12-661 41.95

6 Bands — With CB, Police, Aircraft



99⁹⁵

- Squelch Control • Dual Antennas
- All-Band Fine-Tuning Control
- Pushbutton Dial Light

Patrolman CB-60. Listen in on all 40 CB channels, all 3 police bands, fire, aircraft, government weather stations, railway plus AM and FM. Dual telescopic CB and UHF/VHF/FM antennas. 4" speaker, jack for external FM/VHF antenna, headphone jack. Bands: 450-512 MHz UHF; 108-174 MHz VHF-Hi/Air/Wx; 30-50 MHz VHF-Lo; 27-MHz CB, AM; FM. Automatic AC-to-battery switching if AC power fails. 10 $\frac{1}{2}$ "x12x4". U.L. listed AC operation or 4 "C" batteries (not incl.). 12-766 99.95

VHF Aircraft and AM



19⁹⁵

Listen to
Planes and
Towers "Talk"

Jetstream®-Mini. Neat little pocket portable tunes aviation communications on 108-135 MHz and your favorite AM stations. Features on-off/volume control, rotary tuning, telescopic VHF antenna and built-in AM antenna. 4 $\frac{1}{2}$ "x2 $\frac{3}{4}$ "x1 $\frac{1}{2}$ ". With earphone, carry strap. Requires 9V battery. 12-608 19.95

**5 Bands — Including
All 3 Police
Plus AM and FM**



69⁹⁵

- Adjustable Squelch On VHF and UHF
- Tone Control
- Headphone Jack

Patrolman-50. Hear local police, fire, aircraft, railway, weather, AM/FM. Has 3 $\frac{1}{2}$ " speaker, built-in AM and UHF antennas, jack for external FM/VHF antenna. AC/battery switch. Bands: 30-50 MHz VHF-Lo and 108-174 MHz VHF-Hi/Air; 450-512 MHz UHF; AM; FM. 9x11x3 $\frac{1}{4}$ ". U.L. listed AC operation or 4 "C" batteries (not incl.). 12-776 69.95

**TIMEKUBE® — The Radio
That "Tells" Time**

- Crystal Controlled on 5, 10 and 15 MHz
- The Most Accurate Time in the World

34⁹⁵



Pre-tuned to the three frequencies of National Bureau of Standards Station WWV for time signals accurate to 1 part in a trillion! WWV also transmits radio propagation reports and geo alerts. Pushbutton frequency selectors, 45" telescopic antenna, external-antenna terminals. Simulated rosewood. Requires 9V battery. 3 $\frac{1}{2}$ "x4 $\frac{1}{2}$ "x3 $\frac{1}{2}$ ". 12-159 34.95

The Shack Builds Reliability Into Our Realistic Portables

AM/FM LCD Travel Clock Radio



NEW FOR '92

Available Oct. 30, 1991

49⁹⁵

- Pushbutton Snooze and Display Light
- Ceramic Filter for Clean Reception

Chromatic®-228. Portability and versatility make it a handy companion on trips! Wakes you in the morning with "beep" radio alarm, treats you to FM music or AM news, tells the time with easy-to-read 3½" LCD display. Features rotary on-off/volume and tuning, slide-switch AM/FM and Auto/Manual selectors, pushbutton hour/min., time set/run, alarm/off and radio/off. With LED power indicator, 2½" speaker, telescopic rod antenna. 2¼x6½x1½". Requires 4 "AA" batteries. 12-1535 **49.95**

Portable AM/FM LCD Clock Radio

NEW FOR '92

59⁹⁵

- Pushbutton Snooze Function
- Display Light
- Swivel Antenna



Available Oct. 30, 1991

Chromatic-216. Handsome silvery finish accents this versatile go-anywhere radio. Press sleep function and radio will automatically shut-off as you doze. Features pushbutton time set, alarm set, hour/minute, slide-switch AM/FM and on/off/auto/alarm, rotary volume and tone controls. 3" speaker, ear-phone jack. 6x9½x2½". U.L. listed AC operation or 4 "C" batteries and 1 "AA" battery (not incl.) 12-1525 **59.95**

Radios That Let You Take VHF Television Sound With You

AM, FM, TV Sound You Can Carry Around



Keep Up with TV Sports and Soap Operas



A Realistic PortaVision®-5. Hear VHF-Hi police/fire/weather and VHF-Aircraft, TV sound on channels 2-13, plus AM and FM. Tone control, 3½" speaker, built-in AM and telescopic FM/VHF antennas, jacks for headphone and external FM/VHF antenna. Bands: 108-174 MHz VHF-Hi/Air; 54-88 MHz TV-Lo (Ch. 2-6); 174-216 MHz VHF-TV (Ch. 7-13); FM; AM. 9x11x3¼". U.L. listed AC operation or 4 "C" batteries (not incl.) 12-765 **59.95**

B Realistic Personal PortaVision. Hear VHF-TV sound, AM and FM. Slide-rule tuning dial, FM/TV ceramic filter, and RF amplifier, 3" speaker, telescopic antenna, built-in FM-AFC. Automatic AC-to-battery switching. 7¼x10x3½". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.) 12-660 **44.95**

C Realistic Pocket PortaVision. Carry FM, VHF-TV sound and VHF weathercasts in your pocket! Rotary tuning dial and side-mounted volume for one-hand operation. 2¼" speaker, earphone jack, built-in FM-AFC, telescopic antenna. Easy-carry strap included. 5x2¼x1¼". Requires 9V battery. 12-612 **21.95**

59⁹⁵

44⁹⁵

NEW FOR '92

21⁹⁵

Stay Informed with a Realistic Portable!

The Best in Compact All-Electronic LED Clock Radios



Vertical AM/FM Digital With Auto-Dimmer

49⁹⁵

- High/Low Tone Switch • PM/Wake Indicators
- Feather-Touch Snooze and Sleep Buttons

Chronomatic®-219. High-style design really saves space! Features radio and buzzer alarms, plus a digital display that automatically adjusts to changing room light. Sleep button provides 59 minutes of music with auto-shutoff, and the snooze button gives you a few extra minutes of morning rest with each tap. Out-front 3" speaker, AFC and ceramic filter for superb FM, slide-action volume control, buttons for fast/slow/seconds time-set. Terminals for external FM antenna. 6 1/2 x 9 1/4 x 3" U.L. listed. 12-1524 **49.95**



Feature-Packed AM/FM Digital

41⁹⁵

- High/Low LED Dimmer Switch • Lighted Dial
- PM/Wake Indicators • Sleep, Snooze Functions

Chronomatic-211. The most popular features in a very compact size! Wakes you to radio or buzzer alarm and boasts fast/slow time-set buttons, 3" speaker, side-mounted tuning and volume controls, AFC and ceramic filter for superior FM, earphone jack. Just 2 1/2 x 9 1/4 x 5 1/2" U.L. listed. 12-1516 **41.95**



Contemporary-Style AM/FM Digital

44⁹⁵

- Just Right for Nightstand or Kitchen Shelf
- High/Low LED Dimmer • PM/Wake Indicators

Chronomatic-214. Start your day with a musical wake-up call, or a buzzer, from a radio measuring a mere 2 1/2 x 7 1/4 x 5 1/4". Clock has fast and slow time-set buttons, snooze and 59-minute sleep controls. Radio has lighted dial with illuminated LED pointer and 3" speaker. U.L. listed. 12-1521 **44.95**



AM/FM Digital on a Budget

37⁹⁵

- Convenient Top-Mounted Clock Controls
- High/Low Dimmer • PM/Wake Indicators

Chronomatic-220. Rise 'n shine to your favorite radio station! Clock features a 59-minute sleep control, plus fast and slow time-set controls. Radio has 3" speaker, AFC to prevent FM drift, ceramic filter to cut FM signal interference and earphone jack. Just 2 1/2 x 8 1/4 x 5" U.L. listed. 12-1527 **37.95**

Space-Saving LED Clock Radios

Mini AM/FM Digital

NEW FOR '81

36⁹⁵

Only 2 1/2 x 5 1/4 x 4 1/8"

Chronomatic-224. Looks like a clock, but it's also a uniquely-shaped radio with sleep and snooze, fast and slow time-set, PM/Wake indicators, 2 1/4" speaker, IC (integrated circuit) with ceramic filter. U.L. listed. 12-1531 **36.95**

AM Digital Fits Almost Anywhere

32⁹⁵

Only 2 1/2 x 7 x 4"

Chronomatic-212. Wake to AM or buzzer, with sleep and snooze, PM and Wake indicators, 2 1/2" speaker. U.L. listed. 12-1517 **32.95**



Available Oct. 15, 1981

ALL REALISTIC CLOCK RADIOS FEATURE IMPACT-RESISTANT MOLDED CASES AND BUILT-IN ANTENNAS

Special-Feature All-Electronic Digital Clock Radios

AM/FM LED Digital With Battery Back-Up



NEW FOR '81

Available October 15, 1981

44⁹⁵

- Exclusive Battery Sentinel
- Easy-to-Read LED Display With Bright/Dim Setting

Chronomatic-227. Wake on time to radio or buzzer alarm— Even if power fails during the night! Features exclusive Battery Sentinel protection circuit, plus snooze and 59-minute sleep controls, 0.6" LED display with bright/dim switch, LED AM and Wake indicators. Radio has 3" speaker, lighted dial, ceramic filter and earphone jack. 2½x9½x5½" U.L. listed. 12-1534 44.95

AM/FM Calendar With Battery Back-Up



NEW FOR '81

Available October 15, 1981

49⁹⁵

- Exclusive Battery Sentinel
- Shows Time, Plus Month and Date

Chronodate-229. All the most-wanted features, plus unique Battery Sentinel back-up system! Clock features 0.6" green fluorescent display with high/low dimmer, AM/PM and Wake indicators, plus 59-minute sleep control with auto-shutoff. Dual-purpose push-bar shows month/date display or allows a few extra minutes snooze time. Radio has 3" speaker, lighted dial and earphone jack. 3x10¼x5½" U.L. listed. 12-1536 49.95

Battery Sentinel™

Front-panel red LED warns you if battery is weak or not installed!



Battery Back-Up

9V battery protects time function (without display) up to 8 hours, alarm for 10 minutes, in case of power failure!



AM/FM Dual-Alarm Digital With Calendar

- Separate "His 'n Hers" Wake-Up
- High/Low Dimmer • AM/PM Indicator

59⁹⁵

Chronodate-217. TWO alarm times— Wake to music, alarm or both! Green fluorescent display shows time with seconds, plus month and date. Clock has snooze and sleep controls, forward/reverse time-set. Radio has 3½" speaker, lighted dial, AFC and ceramic filter on FM, earphone jack, terminals for external FM antenna, power failure indicators. 4¼x12¼x6¼" U.L. listed. 12-1518 59.95

AM/FM With Jumbo LED Digital Display

- LED PM and Wake Indicators
- Fast and Slow Time-Set Buttons

NEW FOR '81

47⁹⁵

Chronomatic-222. Extra-large 0.9" display with dimmer is easy to see day or night! Features radio or buzzer wake-up alarms, 59-minute sleep switch, snooze control. Radio has 3" speaker, AFC and ceramic filter on FM, lighted slide-rule dial, earphone jack. 3x10¼x5½" U.L. listed. 12-1529 47.95

Deluxe AM/FM Stereo LED Digital

- Twin 3" Stereo Speakers
- LED PM and Wake Indicators

69⁹⁵

Chronomatic-223. Start your day with eye-opening FM stereo music, AM news or a buzzer alarm! Clock has high/low display dimmer, sleep and snooze controls. Radio has AFC on FM, stereo indicator, stereo headphone jack. 4x12¼x6¼" U.L. listed. 12-1530 69.95



Radio Shack® Television — The Best Value in Sight

19" Color TV With Digital Quartz-Lock Electronic Tuning



499⁹⁵

- 90-Day *IN-HOME* Service Included
- All-Channel Pushbutton Tuning
- 5" Oval Speaker for Superb Sound

Radio Shack 19" Color TV. You'll appreciate the super-sharp picture and advanced features like automatic color control, fleshtone correction and color/contrast tracking. Easy touch-button keyboard tuning for all channels (not just a few), bright LED channel display, high-resolution black-matrix picture tube and energy-efficient chassis. Built-in capability for mid-band cable TV or apartment antenna systems! Limited Warranty: 90 days labor, one year parts, two years picture tube. Simulated walnut finish. 16 $\frac{1}{2}$ "x24 $\frac{1}{2}$ "x18 $\frac{1}{2}$ " U.L. listed. 16-210 499.95
19" diag. measure. Simulated reception. Delivery and setup not included.

5" Black-and-White TV With AM/FM Radio

Enjoy TV and Radio
Indoors, Outdoors
And on the Road!

179⁹⁵



Plays on AC,
internal batteries
or external DC
power!



Lightweight,
weighs only
6 $\frac{1}{2}$ pounds!



Bright Enough to Use Outdoors!



5" diagonal measure.
Simulated TV reception.

Realistic PortaVision® Enjoy it anywhere — at the game for "closeups" of the action, in vans and boats, all around the house. The 5" screen delivers razor-sharp pictures on VHF and UHF channels 2-83, and AFC prevents drift on FM. The continuous all-electronic TV tuner has no mechanical contacts to wear out. 3" speaker plus earphone jack. Separate side-mounted rotary controls for radio and TV tuning, up-front controls for band selection, brightness, contrast and on-off volume. Built-in sun screen. Earphone included. Telescopic UHF-VHF-FM antenna, built-in AM antenna, terminals for external TV antennas. 7x5 $\frac{1}{2}$ "x10" U.L. listed AC operation or 9 "D" batteries (not incl.) or optional DC adapter. 16-100 179.95
12VDC Car/Boat Cord. 270-1534 4.49

Table-Top Radios for Kitchen, Bedroom or Office

Realistic MTA-11 Deluxe AM/FM Radio. Outstanding sound quality and value! Big 6 $\frac{1}{2}$ " full-range speaker has a free-edge cone and is acoustically sealed in the enclosure for full-bodied, room-filling sound. Three tuned IF stages provide real station-pulling power and rejection of unwanted signals, and a ceramic filter sharpens FM sound. Also features lighted dial, tone control, built-in antennas, terminals for external FM antenna. Pressed-wood cabinet with rosewood vinyl veneer. 8 $\frac{1}{2}$ "x13 $\frac{1}{2}$ "x5" U.L. listed. 12-690 49.95

Realistic MTA-8 Compact AM/FM Radio. New low price! The little radio that "thinks" it's a hi-fi. Audio power IC for maximum output and low distortion. Four tuned IF stages cut signal interference, and a ceramic filter sharpens FM signals. Free-edge 4" speaker delivers full-range sound. Lighted tuning dial, tone control, built-in antennas, terminals for external FM antenna. Pressed-wood cabinet with walnut vinyl veneer. 6x10 $\frac{1}{2}$ "x3 $\frac{1}{4}$ " U.L. listed. Was \$41.95 in 1987 Catalog. 12-689 39.95

Realistic Compact AM Radio. "Long" on looks, but small in size! Makes a great companion in the garage, kitchen, utility room — anywhere. The transformerless audio input and output coupled with the 3" speaker deliver surprisingly good sound. Built-in antennas. 4 $\frac{1}{2}$ "x8 $\frac{1}{2}$ "x3 $\frac{1}{2}$ " Molded case with simulated walnut finish. U.L. listed. 12-679 16.95



16⁹⁵ [Ⓒ]

NEW
FOR '92

39⁹⁵ [Ⓒ]

49⁹⁵ [Ⓒ]

**Musical
Companions**

Put Important Weather Information at Your Fingertips

Crystal Controlled Weatheradio®



24⁹⁵ • Hear VHF Weather Stations
 "Loud & Clear" From Up to 50 Miles
 • RF Amplifier for Better Sensitivity

Stay on top of weather developments—get instant updates, anytime. Crystal controlled—no frequency drift, no tuning necessary. Low-profile design with channel selector (162.55/162.475/162.400 MHz) and volume control hidden on the bottom. Convenient on/off Play-Bar, on-top 2 1/4" speaker, 9-section telescoping antenna, AC adapter jack. 1 1/2 x 5 1/4 x 3 1/2". Requires 9V battery. Simulated rosewood finish.

12-152 24.95
 AC Adapter, U.L. listed, 273-1431 4.95



Original Weatheradio In a Stylish 3" Cube

17⁹⁵ Simulated Rosewood Finish

Stylish appearance and small enough for desktop, den or bedside. Pre-set the hidden controls just once, then tap Play-Bar for instant weather from up to 25 miles away. On-top speaker, telescoping antenna. Requires 9V battery.

12-181 17.95



Pre-Set Controls



Touch For On/Off

Pocket Weatheradio

Great for Campers, Farmers, Pilots, Travelers

12⁹⁵

Sensitive integrated circuit pulls in weather stations from up to 25 miles away. Top-mounted volume and fine-tuning controls, molded case, telescopic antenna, wrist strap. 2 3/4 x 3 7/8 x 1 1/4". Requires 9V battery.

12-156 12.95



Don't let bad weather spoil your day—plan ahead with a Realistic Weatheradio! It's your own hotline to continuous National Weather Service reports on 162.40, 162.475 or 162.55 MHz VHF in over 350 cities nationwide. Check with your local Radio Shack for details.

Weatheradio Alert Warning System Radios

Get advance warning of dangerous weather and road conditions from a radio so good its circuit has been awarded U.S. Pat. No. 4158148. When weather threatens, a signal from the Weather Service triggers a built-in alarm. Then press Weather Button for details on conditions, location, precautions to take.



Handy Pocket Weatheradio Alert

32⁹⁵ Alarm Tone Warns Of Approaching Severe Weather

Take it everywhere—receives up to 35 miles or more! Receives a special alarm tone warning of approaching dangerous conditions when "on" or in "standby" position. Telescoping antenna. Crystal controlled for clearest possible signal. Requires 9V battery or AC adapter. 4 1/4 x 3 1/4 x 1 1/4". 12-161 32.95

AC Adapter, U.L. listed, 270-1551 9.95

12VDC Adapter, 270-1561 8.95



Weatheradio Alert II

39⁹⁵

Crystal-Controlled To Eliminate Frequency Drift

Our finest has the most-wanted features! Receives up to 50 miles away. Crystal-controlled, LED "standby" indicator, alarm test button, line-cord and telescoping antennas. U.L. listed AC operation or 9V battery (not incl.) backup in case of power failure. 1 1/2 x 6 7/8 x 5". 12-154 39.95

Weatheradio Alert With LED Clock

49⁹⁵

- Special Signal Sounds Alarm
- Battery Back-Up For Alert If AC Fails

A handsome addition to your home or office. With LED "standby" indicator, alarm test button, volume control. Crystal-controlled—no drift. Gets weather from up to 35 miles away. Clock features alarm, hi/lo display dimmer, snooze button and fast/slow time set. 1 1/2 x 4 1/2 x 5 7/8". U.L. listed AC operation with 9V battery (not incl.) backup in case of power failure. 12-153 49.95



AM/FM Portables — Quality You Can See and Hear



The Finest High-Performance AM/FM Portable Radio We've Ever Offered

NEW FOR '82

69⁹⁵

Remarkable Sensitivity, Selectivity and Sound

- Tuned RF Amplifier for Long-Range AM and FM Reception
- Full 1-Watt Audio Power Output for Rich Sound
- Big 5 1/4" Speaker, Separate Bass and Treble Controls

A super radio featuring an advanced circuit that brings you more stations and clearer reception with extraordinary sound quality. The speaker delivers full-range sound that you can tailor to suit your listening preference with separate bass and treble controls, and "loudness" feature enhances sound at low volume levels. AFC locks-in FM stations to prevent drift. Includes earphone for private listening. Built-in AM, 30-inch telescopic/swivel FM antenna, terminals for external FM antenna. Fold-down carrying handle, large AC cord storage area. 11 1/2" x 12 1/4" x 4" U.L. listed AC operation or 6 "D" batteries (not incl.).

Available Nov. 30, 1981

12-650 69.95

Pocketable AM/FM Portables



A 16⁹⁵

B 19⁹⁵

C 21⁹⁵

A Good! Handy little radio with slide-rule tuning, 2 1/2" speaker, built-in AM and telescopic FM antennas in a rugged case. 4 1/4" x 3 1/4" x 1 1/2". With earphone, wrist strap. Requires 9V battery. 12-635 16.95

B Better! Dual ceramic filters for excellent FM, 2 1/2" speaker, telescopic FM, built-in AM antennas. 4 1/4" x 2 1/2" x 1". With wrist strap and earphone. Requires 9V battery. 12-609 19.95

C Best! Smart looks, great sound! With slide-rule tuning, 2 1/2" speaker, High/Low tone switch, built-in AFC, built-in AM, telescopic FM antennas. 5 1/4" x 3 1/2" x 1 1/2". With earphone and wrist strap. Requires 9V battery. 12-714 21.95

Designer Styled AM/FM Radio



29⁹⁵

Unique Easy-Carry Shape

Smart-looking, great sounding radio with integral handle, slide-rule dial, 3" speaker, tone control, AFC on FM, AM and telescopic FM antennas. 7 1/4" x 7 1/4" x 3". U.L. listed AC operation or 6 "AA" batteries (not incl.). 12-712 29.95

"Wedge" Extension Speaker



11⁹⁵ Teakwood Finish

Improves portable radio and cassette recorder sound. With cable, sub-mini, mini plugs. 40-1247 11.95

Enjoy Your Favorite AM/FM Programs Wherever You Go

Our Most Popular AM/FM Portable Radio



27⁹⁵ • Easy-to-Carry Size
• Remarkable, Full Sound

Stylish, with "high 'n wide" dial for easy tuning. 3" speaker, hi/lo tone switch, AFC on FM, earphone jack, battery/AC switch. U.L. listed AC operation or 6 "AA" batteries (not incl.). AM, telescoping FM antennas. 9 1/4" x 7 1/4" x 3". 12-711 27.95

AM/FM Stereo Portable With "Stereo-Wide" Enhancement

69⁹⁵

Amazing "Stereo-Wide"
Circuitry E-x-p-a-n-d-s
Sound for Enhanced
Stereo Depth and
Channel Separation

Realistic Concertmate.* Exciting stereo realism in a one-piece portable. Twin 4" speakers, slide-action balance control, tone control, built-in FM-AFC and loudness switch for improved bass at low volume levels. LED FM stereo indicator. Head-
phone jack. Automatic AC-to-battery switching. 8x10 3/4" x 4 1/4". U.L. listed AC operation or 6 "D" batteries (not incl.). 12-708 69.95



Sensitive AM/FM And AM/FM/Weather Portable Radios

A 44⁹⁵ NEW FOR '82

B 49⁹⁵ NEW FOR '82

Both Feature
Battery/AC Switch,
Full-Range 4" Speaker,
Tone Control And
Switchable AFC

Available Sept. 30, 1981

A AM/FM Portable. Real signal-pulling power to bring you your favorite programs and music. A ceramic filter provides extra selectivity, important in crowded signal areas. Slide-rule tuning, built-in AM and telescopic FM antennas. 8 1/4" x 10 1/2" x 3". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). 12-624 44.95

B AM/FM/Weatheradio.* Enjoy news, music and instant weather updates, anytime, at the touch of a button, from the National Weather Service. Sensitive circuitry with ceramic filter. AM, telescopic FM/weather antennas. 8 1/4" x 10 1/2" x 3". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). 12-623 49.95

Rugged AM/FM and Long-Range AM Portables — Both Dependable Performers

A 34⁹⁵



B 34⁹⁵

A Long-Range AM. Pulls in stations you've never heard before! FET-RF amplifier for super sensitivity. Hi/lo tone switch, 3" speaker, auto AC/battery switching, jack for external antenna. 7 1/4" x 9 1/4" x 3". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). 12-656 34.95

B AM/FM. Outstanding reception! Auto AC/battery switching, hi/lo tone switch, 3" speaker, FM-AFC, telescopic antenna, slide-rule dial. 8x9 1/4" x 2 1/2". With earphone. U.L. listed AC operation or 4 "C" batteries (not incl.). 12-667 34.95

We've Got It All in Personal and Portable Radios

Deluxe AM Pocket Radio

10⁹⁵

- Slim-Line Design
- Integrated Circuit

Sensitive IC design for compact size and superior reliability. "See-thru" volume dial. Earphone jack. With wrist strap. 5 1/4" x 2 1/4" x 1 1/8". Requires 4 "AA" batteries. 12-173 10.95

AC Adapter, U.L. listed. 273-1454 5.95

Tandy AM Space Radio

14⁹⁵

- Great Gift and Conversation Piece
- Kids Love It

Have a "Close Encounter" with your favorite AM radio station! This futuristic spaceship has rotary "dome" tuning, on/off volume control, AC adapter jack. 4 1/2" diameter, 4 1/2" high. Requires 9V battery. 12-958 14.95
AC Adapter, U.L. listed. 270-1552 4.95

Tandy AM/FM and AM Headphone Radios

**A AM/FM
29⁹⁵**

**B AM
19⁹⁵**



Listen While You Walk, Jog, Exercise, Do House Or Yardwork, Or Hear Play-by-Play Broadcasts at the Game



A Tandy AM/FM Radio. Lightweight for comfort, and the padded ear-cushions seal out noise. Rich dual-speaker sound, side-mounted rotary tuning, on/off and volume controls. Antenna is hidden in adjustable headband. Requires 9V battery. 12-186 29.95

B Tandy AM Radio. As above, but AM-only for \$10 less. Requires 9V battery. 12-185 19.95

Rolls Royce AM Car Radio

19⁹⁵



Rich Detail Makes It A Handsome Addition to Desk, Mantel or Shelf

Great gift for auto buffs! A beautiful, 10" long replica of the classic 1931 "Phantom II" with a radio and antenna hidden inside. The "spare tires" are actually tuning and volume controls. Bottom-mounted 2" speaker. Requires 9V battery. 12-963 19.95

Budget-Priced AM "Mini" Pocket Radio



8⁹⁵ Slips Easily Into Pocket or Purse

An attractive portable featuring slide-rule dial, top-mounted tuning, and on-off/volume controls, wrist strap, brushed aluminum trim. 2 1/4" x 4 1/2" x 1 1/8". Requires 9V battery.

Black. 12-171 8.95
Red. 12-172 8.95

Low-Cost Pocket AM Radio



6⁹⁵

Convenient One-Hand Tuning

A perfect "extra" portable! Palm-sized, yet has excellent sound quality thanks to "push-pull" circuit and transformerless input and output. Rugged molded case. With earphone, wrist strap. 4 1/4" x 2 3/4" x 1 1/4". Requires 9V battery.

12-167 6.95

Unique Portable Radios in All Sizes and Shapes

FLAVORADIOS®

In Four
Colors
7⁸⁸
Each

Pocketable
Personal AM
Portables



Add a special flavor to your listening! They slip easily into pocket or purse, or add a splash of color when carried by the handy wrist strap. They make great gifts, and kids are crazy about 'em. With earphone. 3 1/2 x 2 1/4 x 1 1/2". Require 9V battery.
12-166 7.88

NEW FOR '82

Tandy "Bodyphone" AM/FM Stereo Radio

59⁹⁵
• A New Feeling In Sound
• Hands-Free Portability

Available
Oct. 15, 1981

Stereo you wear like a scarf — weighs only 17 oz. It pulsates — hear and feel a "presence" more natural than speakers or headphones. With FM-AFC, auto-stereo switching, tone control. With 27" washable neck band. Includes elastic back strap to secure radio during rigorous activities. (Ideal for the hearing impaired.) Requires 4 "AA" batteries. 12-110 59.95



"Radio Shack" AM Radio

If "Unique" Is What You Seek
12⁹⁵

Just Like Our Familiar Radio Shack Store Sign

A one-of-a-kind radio! Portable, but also at home on desk or nightstand. Top-mounted on-off/volume, tuning controls, speaker in back. With wrist strap. 4x6 3/4 x 1 3/4". Requires 9V battery. 12-465 12.95
AC Adapter, U.L. listed. 273-1431 4.95



Archer Road Patrol® Bike Radios

AM With Horn

19⁹⁵

Never Ride "Alone" Again



Fits most handlebars — removes easily for off-bike use or to prevent theft. Pushbutton electronic horn, 2 1/2" speaker, 3" safety reflector in front, built-in antenna. 3 1/2 x 5 1/2 x 3 1/4". Requires 3 "C" batteries. 12-197 19.95

Budget AM

12⁹⁵

Adds to Cycling Fun



Quick connect/disconnect for portable use. Metal mounting bracket fits most bikes. Weatherized case with 2 1/4" speaker, earphone jack, and built-in antenna. 4x5x3 1/2". Requires 9V battery. 12-196 12.95

Cute, Cuddly "Pettable" Portable AM Radios

Low As
12⁹⁵

Furry little friends with radios hidden inside, handy external controls. Kids love 'em! Require 9V battery.

Pekingese

Brown Spaniel

Cuddly Cat

Raccoon

Floppy Dog

Description	Cat. No.	Each
Pekingese	12-967	13.95
Brown Spaniel	12-979	15.95
Cuddly Cat	12-983	12.95
Raccoon	12-971	13.95
Frog	12-984	14.95
Floppy Dog	12-985	14.95

Pepsi® Bottle AM Radio

10⁹⁵

NEW FOR '82

A Refreshingly Unique Attention-Grabber for The Pepsi® Generation

Fool 'em with this unusual radio — an exact replica of the Pepsi-Cola® bottle. The bottle cap is actually the on-off/volume control, bottom of the bottle is the tuning dial. 9 1/2" high. Requires 9V battery. 12-957 10.95

© Trademark Pepsi-Cola Co.



THERE'S A RADIO SHACK STORE OR DEALER NEAR YOU — WHEREVER YOU ARE

www.RadioShackCatalogs.com

High-Performance RC Vehicles for "Supercharged" Fun

High-Performance BMW m1 Racer

- Full Control at the Touch of a Finger
- Runs on Any Smooth Surface

39⁹⁵

Pretend you're at the wheel of this powerful racing machine! Start, stop, right and left turn going in forward or reverse. Requires two 9V and four "C" batteries. Car length 11 $\frac{1}{4}$ " 27 MHz. 60-3044 39.95

High-Speed Porsche 928 Racer

- Authentic Styling
- Fun For Kids of All Ages
- Race Against the Clock!

11⁹⁵

You're in control of this high-speed racer. Forward, reverse/turn control at your fingertips. Requires two "AA," two 9V batteries. Car length 7 $\frac{1}{2}$ " 27 MHz. 60-3025 11.95



Lamborghini Racer

Race the Course

When the green flag drops, GO! Sleek looking racer goes forward, reverse, left and right. Features Auto-Stop if you lose control. Requires two 9V, six "AA" batteries. Car length, 9 $\frac{1}{2}$ " 27 MHz. 60-3043 29.95

29⁹⁵

Porsche 928 Racer

Ready To Run

NEW FOR '81

15⁹⁵

Hand-held transmitter is your "steering wheel." Forward, reverse/turn. Requires two 9V, four "AA" batteries. Car length 9" 27 MHz. 60-3041 ... 15.95



BMW Motorcycle Racer

Put this authentically detailed bike through its paces. Races forward, turns left/right. Removable rider. Requires two "AA," two 9V batteries. Length, 10" 27 MHz. 60-3074 37.95

37⁹⁵

Rugged Jeep All-Terrain Vehicle

NEW FOR '81

34⁹⁵

Tackles rough ground. Drives forward, reverse, turns left/right. Remote gear shift. Requires six "AA," one 9V batteries. Length 9 $\frac{1}{4}$ " 27 MHz. 60-3073 34.95



Radio Controlled Racing Team

Separate Frequencies Let You Race Cars Against Each Other

Furious, head-to-head competition! "Steering-wheel" remote controls. Two-speed operation. Requires four 9V and four "AA" batteries each. Length, 7" 27/49 MHz. 60-3072 Pair 39.95

39⁹⁵ Pair

Lancia Racer

NEW FOR '81

24⁹⁵

Set the pace with this stylish racer! Goes forward, backward and turns left and right. Requires two 9V, four "AA" batteries. Length 9 $\frac{1}{2}$ " 27 MHz. 60-3042 24.95

Radio-Controlled Heavyweights... for Big Action!

Digital Proportional Dune Buggy

59⁹⁵

- Rugged, Heavy-Duty Construction
- 2-Speed and Steering Trim Controls
- LED Power Indicator

Hit the beach or other rugged terrain with your proportional dune buggy. Responds directly and "proportionally" to the steering and speed controls. Forward, reverse, turns left, right, stops. Requires six "AA," five "C" batteries. Length 16". 27 MHz. 60-3038 59.95

DIGITAL
PRO
PORTIONAL

Powerful Porsche 935 Turbo Racer

69⁹⁵

- Fingertip Control
- Authentic Styling
- Direct Response

Get behind the wheel for a race to the finish! Digital proportional steering for direct response to your commands. Goes forward & reverse, turns left/right, stops. For ages 6 and up. Requires ten "AA," five "C" batteries. Length 14". 27 MHz. 60-3045 69.95

Dual-Speed
Control

DIGITAL
PRO
PORTIONAL

XM1 America's Newest Battle Tank

NEW
FOR '91

- Tank and Turret Turn 360°
- Action-Packed Excitement

29⁹⁵

Available Sept. 30, 1991

Take Command of Your Own Futuristic Space Robot

19⁹⁵

- Over 3 Feet Tall
- Inflatable Vinyl with Molded Base

You command the robot! Moves forward and turns in reverse at the touch of a button. "Metal-look" vinyl. Motorized base has on-off switch. Runs on most smooth surfaces. An intergalactic buddy ideal for children 6 and up. Requires four "C," two 9V batteries. 27 MHz. 60-3023 19.95

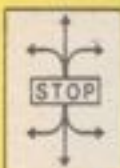


Famous Sherman Tank Replica

39⁹⁵

Authentic Scale Model
of the Renowned
World War II Tank

Cover your flanks with this detailed model of America's newest army tank! Goes forward or reverse, turns left or right 360° to out-manuever the enemy. Great for age 6 and up. Requires two 9V, four "C" batteries. Length 12". 27 MHz. 60-3046 29.95



Firebird Trans Am

NEW
FOR '91

Sonic Controlled for
Instant Response

10⁹⁵

You're in control! Forward and reverse/turn. Change direction by pressing sound signal unit trigger. Control up to 20'. For ages 4 and up. Requires one 9V, four "AA" batteries. Length, 10". 60-2380 10.95



Fun-Filled Electronic "Action Toys" for Everyone



Space Patrol® Walkie-Talkies

A Space Patrol With Flexible Antenna **9.95** Each

Buy a pair for outdoor adventure or to keep in touch on trips. Talk or send Morse Code. Built-in code key with alphabet on front panel. Flexible antenna resists breaking and bending. On-off switch, lock-on talk button. Requires 9V battery. 60-4005 Each 9.95

B Micro-Thin Space Patrol **18.88** Pair

Carry it anywhere—fits in your shirt pocket! Features ultra-sensitive super-regenerative receiver, 1½" speaker, push-to-talk button, telescopic antenna. Hours of fun! Requires two 9V batteries. 60-4004 Pair 18.88

C Space Patrol With AM Radio **15.95** Each

Double your fun! It's a walkie-talkie...it's an AM radio! Features on-off volume, AM tuning, plus locking talk button, Morse Code key, code alphabet, telescopic antenna, carry strap. Requires 9V battery. 60-4003 Each 15.95

No License Required — Not CB!
All 3 Operate on 49.8 MHz

2-Player Baseball



Nine Innings of Thrilling "Batter Up" Action for One or Two

24.95

Take a friend out to the ball game. One "team" can pitch curves, fastballs, and changeups. The other can swing-away or bunt. LED scoreboard records balls, strikes, innings, and score. Action sound. With remote control panel. Requires 4 "AA" batteries. 60-2164 24.95



Tandy Electronic Sports Stadium

39.95

• Try Your "Hand" — Hours of Fun
• For One to Eight Players

The fastest fingers win! Compete in eight track and field-type events with your finger. Four programmable skill levels add to the challenge. Computer scores each event separately, maintains total score for each player, and remembers top score for each event. Action sound. Great for parties! Requires 6 "AA" batteries. 60-2162 39.95

Electronic Space Shot

19.95

Zero-In on Zig-Zagging Enemy Invaders!

Maneuver the attack sight, take aim, and fire! Add up points by destroying enemy ships. LED screen display and scoreboard. Action sound. Requires 9V battery. 60-2166 19.95



Electronic Bowling — Just Like a Real Bowling Lane!

29.95

For One or Two Players

Now you can have your own "bowling alley" right at home! Players control the speed and direction of a miniature bowling ball that's permanently sealed inside the game. LED display keeps score and shows frame number, strikes and spares. Musical sound effects tell you of strikes, spares, gutterballs, and misses. Requires 4 "AA" batteries. 60-1009 29.95

Tandy Electronic Computerized Arcade

29.95

12 Action-Packed Games in One!

You and your friends will have loads of fun playing each of these challenging games of skill. "Batter up" with baseball or take a gamble with casino roulette, try to guess three unknown colors or numbers, fire torpedos to sink the enemy ship or launch missiles to destroy invaders, compose your own songs with a 12-note organ, and lots more! Requires 9V and 4 "C" batteries. 60-2159 29.95



Never Has Just a Single Game Been So Fascinating!

Exciting Hand-Held Computer Games from The Shack

Cosmic 1000 Fire-Away Missile Invader Action



Available Sept. 30, 1981

NEW FOR '81

39⁹⁵

- Outer Space Excitement You Can Hold In Your Hand
- Dynamic Sound Effects with Two-Color Fluorescent Display Panel

Your mission is to destroy as many of the enemy ships as you can. Try to out-manuever the "killer beams," then take aim and fire your missiles to eliminate the invaders and UFOs. Points scored are automatically accumulated up to 1000 on the display panel. Three skill levels add to the fun. Out-of-this-world excitement for "space cadets" of all ages! Requires 4 "AA" batteries. 60-2165 39.95

Exciting TV Games for Indoor Family Enjoyment

For One or Two Players **39⁹⁵**

Attaches to Any TV in Seconds

Six action-packed games! Light-beam "45" pistol, on-screen scoring, sound effects, auto manual serve, variable ball speed, paddle size, and bounce angle. Requires 6 "AA" batteries. FCC approved. 60-3061 39.95
AC Adapter, U.L. listed. 60-3053 5.95

Play All of These Games!



2-Player Electronic Football

Was \$39.95
In Cat. 328

New Low Price **29⁹⁵**

Computerized Action You Can Play with a Friend

Dual controls for two players to kick, pass, or run. Four quarters. "Normal" or "pro" speeds. Action sound. Requires 4 "AA" batteries. 60-2156 29.95

Electronic Sports Arena

Was \$29.95
In Cat. 328

New Low Price **19⁹⁵**

Three Exciting Games in One!

Play ice hockey, basketball, or soccer! Just insert one of the "playing field" faceplates to start the fun. LED "players" and display. Action sound. Requires 9V battery. 60-2158 19.95



"Trick Shot" Basketball

14⁹⁵

NEW FOR '81

Dribble Down the Court And Score a Bucket

You control the ball! Try the "trick shot" or "long pass." Sound effects indicate game status. "Amateur" or "pro" settings. For one or two players. Requires 4 "AA" batteries. 60-2163 14.95



Electronic Golf

New Low Price

19⁹⁵

Was \$21.95
In Cat. 328

Try to Shoot a Round Under Par

Drive down the fairway, onto the green, and sink the putt. Avoid "sandtraps" and the "pond." For one or two players. Requires 9V battery. 60-2148 19.95

Championship Football



New Low Price

19⁹⁵

Was \$29.95
In Cat. 328

"College" and "Pro" Levels

You call the plays—run, pass and kick. LED "players" and score-status display. Four quarters of action and sound for one or two. Requires 9V battery. 60-2150 19.95

Electronic Repeat



New Low Price **14⁹⁵**

Was \$19.95
In Cat. 328

Plays three games. Try to play back colors and sounds in the same sequence. Gets faster and harder on four skill levels. Requires 9V battery. 60-2142 14.95

Pocket Repeat



New Low Price

10⁹⁵

Was \$15.95
In Cat. 328

Beat the Computer at Its Own Game—Play Back Colors And Sounds in Same Sequence!

Carry it anywhere! Play two different games in a "mini" size that fits pocket or purse. Requires 9V battery. 60-2152 10.95

USE DEPENDABLE RADIO SHACK ENERCELL BATTERIES IN ALL YOUR ELECTRONIC GAMES

www.RadioShackCatalogs.com

'Solderless' Science Fair Kits Are Fun and Educational

200 Electronic Projects! Our Largest Lab Kit Ever!



Available Oct. 30, 1981

**Everything You Need to
Start a Hobby in Electronics**

NEW
FOR \$2

44⁹⁵

**With 10 1/8 x 14 1/4"
Lab-Type Manual**

Explains all 200 projects on 128 easy-to-read pages! Non-technical. Schematics teach theory, simple diagrams make hookup easy.

A fascinating and stimulating introduction to the ever-expanding world of electronics! Build a burglar alarm, telegraph, AM broadcast station, digital timer, electronic organ, radios and much more! Also includes integrated circuits with "OR," "AND," "NOR" and "NAND" gates that help teach computer fundamentals. All parts are pre-mounted in the 2 7/16 x 13 x 9 7/16" molded case with protective dust cover. Connect, disconnect and reconnect all circuits using the spring-clip connectors — no soldering needed, no mess to clean up! 100% safe. Requires 6 "AA" batteries. 28-249 44.95



50 Exciting Projects to Stimulate Young Minds

19⁹⁵

- Spring-Clip Terminals For Safe Hookup
- Parts Pre-Mounted in Finished Wood Workbox

Discover the exciting world of electronics! Now you can build a radio, a telegraph, a morse code system and much more. Just connect wires to connectors — no soldering, nothing to clean up. Lab-type manual. Requires 2 "AA" batteries and one 9V battery. 28-227 19.95

Quiz Challenger Kit

7⁹⁵

Includes 40
Question-And-
Answer Quiz
Panels



The correct answer lights the programming panel! Test your knowledge of science, history, geography, more. Solderless. Requires "AA" battery. 28-213 7.95



Adventure Into the World of Electronics

NEW
FOR \$2

11⁹⁵

10
Exciting
Projects

Build a burglar alarm, water detector, morse code practice circuit, simple "OR," "AND," "flip-flop" computer circuits and more. Requires 9V battery. 28-160 11.95

Electronic Digital Logic Lab

12⁹⁵

Hours
Of Fun

You get "AND," "NAND," "OR," "NOR" circuits, electronic games, other digital projects. With integrated circuit "chip," LED, all other necessary parts. Requires 3 "AA" batteries. 28-226 12.95

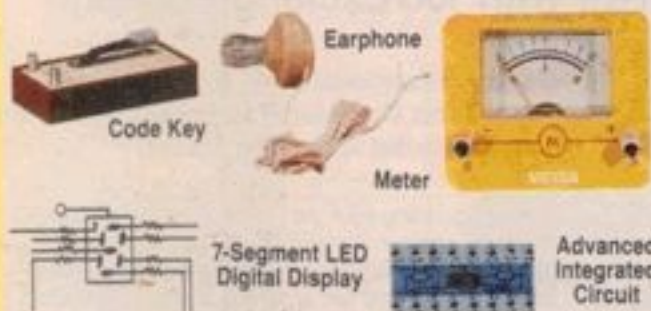


Available
Sept. 30, 1981

RADIO SHACK — 61 YEARS OF VALUE, SERVICE, AND RELIABILITY

Interesting Science Fair® Kits for Hobbyists of All Ages

Increase Your Electronics Knowledge
With 150 Challenging Projects!



29⁹⁵



With 8 1/2 x 11" 164-page manual

You'll amaze yourself and your friends when you build radios, a telegraph, a one-way telephoner, a wireless mike and lots more. Simple computer-type circuits include "AND," "NAND," "OR" and "NOR" with LED, plus flip-flop lamp flasher and others. Even produce electronic sound effects. Parts are pre-mounted—connect, disconnect and reconnect circuits in the wood case using spring-clip connectors. All projects solar or battery powered. Requires one 9V and 2 "AA" batteries. 28-248 29.95

Study the Mechanics of Flight

19⁹⁵

Let's Go Flying!

Over 100 Aviation Projects for Youngsters

Build a helicopter, a flyable model airplane, rocket with parachute recovery system, helium balloon and many more exciting projects. Includes 160-page manual. 28-196 19.95



Harness the Power Of the Sun

14⁹⁵

Build 25 Solar Powered Electronic Circuits

Make a sun-powered radio transmitter, relay, sound synthesizer and other fascinating projects. Solderless. With manual. Some projects require one 9V and 2 "AA" batteries. 28-246 ... 14.95



Crystal AM Radio Kit

4⁹⁵

No Batteries, No AC

Plays forever, without tubes or transistors! Diode converts RF signal to audio, covering the 550 kHz-1600 kHz band. With earphone, instructions, theory. Solderless. 28-219 4.95

2-Transistor AM Radio Kit

6⁹⁵

Spring-Clip Assembly

Enjoy your favorite AM stations on a radio you assembled yourself! Tunes the entire 550-1600 kHz AM band. With earphone, instructions. Requires 9V battery. 28-229 6.95

Now You Can Be a Disc Jockey

7⁹⁵

Create Your Own Programs

"Broadcast" your own programs through any standard AM radio—up to 40' away! Solderless. Requires 9V battery. 28-209 7.95

Hear Local Action! VHF Radio Kit

14⁹⁵

Tune In Police, Aircraft And Weather Stations

Covers 108-135 MHz and 147-174 MHz bands. With dust cover, earphone. Solderless. Requires 9V battery. 28-221 14.95

Note: Police frequencies vary throughout the USA. Check locally for frequencies used in your area.

Radio Enjoyment on AM and FM

12⁹⁵

Preassembled FM Tuner Section

Deluxe circuit has four transistors and a transformer. Includes earphone. Solderless. Requires 9V battery. 28-234 12.95



Easy-to-Build Electronic Kits That Entertain for Hours



Science Fair Digital "Computer" Kit With 100 Exciting Projects

26⁹⁵

- Fun and Educational for All Ages
- Learn About Computer Programming, Binary Math
- Safe, Solderless Spring-Clip Assembly

Discover the excitement of building your very own "computer." Do 100 different programs covering basic arithmetic, math, electronics, geography, health, games and more. Features an illuminated panel with a slide-in display for each program and ten slide-action control switches. All parts and programs, plus a detailed 68-page fully illustrated instruction manual included. Connect, disconnect and reconnect all 100 circuits right in the molded 2½x12½x10½" workcase — never anything to clean up! Requires just 3 "C" batteries. 28-218 26.95

Build Your Own Motor/Generator Kit

9⁹⁵

Can Even Power Other Devices

A working, reversible tri-polar electric motor that also measures RPM and current. Solderless, completely safe. Instructions included. 1½x5½x2¼". Requires 2 "C" batteries.

28-194 9.95

Science Fair Junior Astronomy Kit

10⁹⁵

Study the Moon, Planets & Stars

Includes all components for a 15X x 12-power refractor telescope, a moon map and constellation finder. 32-page manual.

28-195 10.95



Solder-Type Kits for More Advanced Hobbyists

8-Range Multitester Kit

7⁹⁵

- 1000 Ohms Per Volt
- Pocket-Sized

Mirrored scale, handy pin jacks for all ranges. Reads AC and DC voltage to 1000, DC mA to 150, resistance to 100,000 ohms. 3½x2½x1¼". Requires "AA" battery. With leads. 28-4012 7.95

25-Range Multitester Kit

22⁹⁵

- 20,000 Ohms Per Volt
- Color-Coded Scale

Easy-to-read 4" mirrored scale. DCV, 0-1200 at 20k/V. ACV, 0-1200 at 10k/V. Current, 0-60 µA, 300 mA. DC. Resistance, Rx1-Rx1000. Decibels, -20 to +63. Accuracy: ±3% DC, ±4% AC. 5½x4x½". Requires "AA" battery. With leads. 28-4013 22.95

43-Range Multitester Kit

32⁹⁵

- 50,000 Ohms Per Volt
- Range-Doubler

Features 4½" mirrored scale and overload protection. DCV, 0-500 at 50k/V, 0-1000 at 25k/V. ACV, 0-500 at 10k/V, 0-1000 at 5k/V. Current, 0-10A. DC. Resistance, Rx1-Rx10k. Decibels, -20 to +62. Accuracy: ±3% DC, ±4% AC. 6½x4¼x2". Requires "AA" and 9V battery. With leads. 28-4014 32.95

Listen to AM on a Radio You Built

NEW FOR '92

12⁹⁵

Easy-to-Assemble Printed Circuit

- Tunes 550-1600 kHz AM Radio Band
- Complete Step-By-Step Instructions

A quality portable radio that sounds even better because you "built it yourself!" Built-in speaker plus earphone jack for "private" listening. 3½x5½x1½". Requires 9V battery. 28-4029 12.95



Biofeedback Monitor Kit

NEW FOR '92

"Hear" Your Emotions!

12⁹⁵

- Monitors Your Reactions to Stress
- Adjustable Sensitivity Control

Helps you overcome stress by teaching you to relax. Includes touch-sensitive finger-wraps and earphone jack for "private meditation." 4½x3¼x1". Requires 9V battery. 28-4028 12.95



Computerized Games — Fascinating, Challenging Fun

An Electronic "Tutor" That Actually Speaks While Teaching Math, Reading and Spelling

99⁹⁵

NEW FOR '81

- Big 1500-Word Primary Vocabulary
- For Students From Kindergarten Through the Eighth Grade

The "talking" computer that makes learning fun! Displays fill-in-the-blank, multiple choice and true/false questions with visual and vocal praise for correct answers, positive encouragement and a second try for wrong ones. Scoring at the end of a problem-set helps youngsters see the progress made. Automatic shutoff saves batteries. Nine-character fluorescent alpha-numeric display. Built-in speaker plus headphone jack. 2x10x5 1/2". Requires 4 "C" batteries. 60-2180 99.95



Fully Assembled,
Ready to Use

Available
October 30, 1981

New Low Price! Computerized Chess Game for Hours of Fun

Was \$99.95
In Cat. 328

79⁹⁵

Includes
Protective
Cover

- Features 8 Levels of Play
- A Challenge Every Time
- Includes Built-In Board and Pieces

Beginners and aspiring masters alike will enjoy playing against the computer on any of 8 different skill levels. LED rank display and position verification. 8x5 1/2 x 1 1/2". Requires 6 "AA" batteries or AC adapter. 60-2160 79.95
AC Adapter, U.L. listed. 60-3053 ... 5.95



Fully
Assembled

Computerized Graduate Chess



Available Sept. 30, 1981

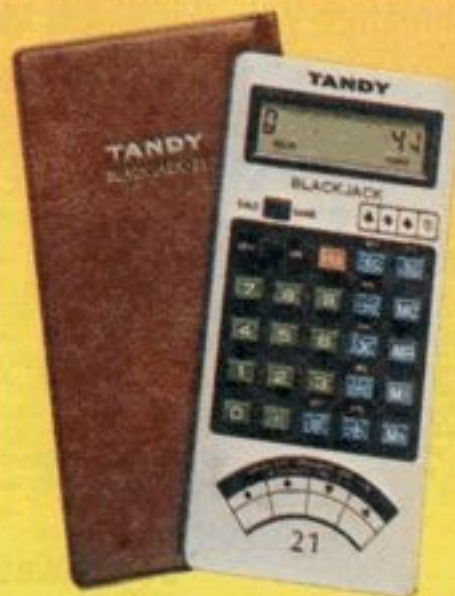
NEW FOR '81

Fully
Assembled

59⁹⁵

Programmed under the direction of an international chess master, computer chess offers hours of enjoyment to both experienced and inexperienced players. Learn new techniques as you watch the computer play against itself! Complete with chess pieces. Two skill levels. 7 1/2 x 5 1/2 x 1 1/2". Requires 9V battery. 60-2168 59.95

LCD Blackjack-21 Game With Memory Calculator



With "JOK"
Display

22⁹⁵

NEW FOR '81

An Electronic Hand-Held Casino That's
Also a Full-Function Calculator!

Try to beat the house as the computer "deals" a random hand. Separate keys for hit, bet, stand, insurance, double, split, plus a deposit function. "Total" key reviews your current stake. With vinyl carry case. Requires 3 "AAA" batteries. 60-2167 22.95

Count on LCD Calculators for Accuracy and Value

Palm-Size "Mini" Calculators With Memory



NEW FOR '91
Vertical

Either Style
15⁹⁵ Each

NEW FOR '91

Horizontal

- 8-Digit, Power-Saving Liquid Crystal Display
- Auto-Shutoff Saves Batteries
- Each Calculator Includes Protective Carrying Pouch



Available Sept. 30, 1991

Available Sept. 30, 1991

1 Radio Shack EC-271. A versatile calculator you can use to keep track of expenses when shopping or to balance your checkbook. Four-key memory lets you store numbers, then recall and use them again. Percent and square root functions. Separate off, on clear, and clear entry keys. $3\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{32}$. Includes batteries for 1200-hour life. 65-678 15.95

2 Radio Shack EC-272. Almost as small as a credit card! Percent and square root operations. Full-function 3-key memory stores numbers for later use. $2\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{32}$. Includes batteries for 1200-hour life. 65-679 15.95

Checkbook-Size With 4-Key Memory

NEW FOR '91

15⁹⁵

- Large 8-Digit Liquid Crystal Display
- Auto Power-Off Saves Batteries
- Clear/Clear Entry Key
- Less Than 10mm Thin—Slips Easily Into Pocket



Available Sept. 30, 1991

Radio Shack EC-259. Handles financial problems with ease—perfect for balancing your checkbook. Figures square root, percentage, adds and subtracts memory. $4\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{32}$. Includes batteries for 2000-hour life and billfold case. 65-682 15.95

Miniature With Power-Off Memory Hold



- 8-Digit Liquid Crystal Display
- Large Keys Reduce Entry Errors
- Auto-Shutoff Saves Battery Life

Less Than 5mm Thin

19⁹⁵

Radio Shack EC-268. Simple-to-operate 3-key memory—with plus, minus and recall/clear keys—remembers numbers even when power is off. Standard math functions, percent, square root, and plus/minus sign change. $4\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{32}$. Includes batteries for 1000-hour life. 65-675 19.95

Deluxe Calculator With 4-Key Memory

21⁹⁵

NEW FOR '91

- 8-Digit Display • Soft-Touch Keys
- Features Square Root, Percent And Sign-Change Functions

Radio Shack EC-273. Ideal for solving standard arithmetic or financial problems quickly and easily. Auto power off turns calculator off to save drain on batteries when no entry has been made for several minutes. $4\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{32}$. Includes batteries for 2000-hour life and billfold case. 65-683 21.95



Our Lowest-Priced Calculator

9⁹⁵

- Easy-to-Read, Power-Saving Liquid Crystal Display
- Automatically Rounds Off Results Over 8 Digits

Radio Shack EC-202. Now you can have a lot of calculating power for very little money. The slanted design of the case allows you to read the display easily. Features one-touch percent, plus/minus sign change, clear/clear entry, and standard math functions. $4\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{32}$. Requires 9V battery. 65-602 9.95

8-Digit With Memory Easily Calculates Metrics

12⁹⁵

NEW FOR '91

- Easy-to-Use Front-Panel Metric Conversion Chart
- Large LCD Readout

Radio Shack EC-270. Great for home, school, or office. Metric factor chart makes it easy to convert to or from metric measure. Features 4-key memory, overflow and memory indicators, floating decimal, square root, and percent. $5\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{32}$. Includes protective carrying pouch. Requires 2 "AA" batteries. 65-677 12.95



ALL RADIO SHACK CALCULATORS INCLUDE A ONE-YEAR PARTS AND LABOR LIMITED WARRANTY

www.RadioShackCatalogs.com

Clock/Calculators for the Right Answer Every Time

LCD Alarm/Stopwatch/Calendar

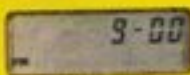


34⁹⁵

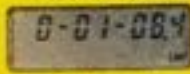
Stopwatch Indicates
Lap and Total Time
to 1/10 Second

Radio Shack EC-302. A pocket information center! Eight-digit calculator features 4-key memory, percent, square root, constant and discount. Easy-to-set time and date functions with PM and alarm-on indicators. 2 $\frac{1}{2}$ "x3 $\frac{1}{4}$ "x1 $\frac{1}{4}$ ". Includes batteries for 5000-hour life and case. 65-692

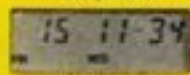
34.95



24-Hour Alarm



Stopwatch



Time Day Date

Up-to-the-Second LCD Calculating Timepiece With Built-In Memory

24⁹⁵

NEW
FOR '81

- Accurate 8-Digit Display
- Built-In 24-Hour Alarm Sounds for 15 Seconds
- Full-Function 3-Key Memory
- Liquid Crystal Display For 4000-Hour Battery Life

Radio Shack EC-303. Now you can have both a clock and calculator in one miniature case! Clock display shows hours, minutes, and seconds with PM and alarm-on indicators. Or switch to "calculator" and figure percent and standard math functions. 3 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x $\frac{1}{4}$ ". Includes batteries, billfold case. 65-693

24.95



Available Sept. 30, 1981

Radio Shack Has Specialty Calculators for Learning, Work, or Play

Solar-Powered LCD Calculator

NEW
FOR '81

Available
Sept. 30, 1981

24⁹⁵

Completely Powered by Light—
Never Needs Batteries

Radio Shack EC-401. Never worry about batteries again! Now you can calculate wherever there's light! Features large 8-digit display, full-function 3-key memory, percent, and square root. Calculations are not lost by momentary interruptions of light. 4 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x $\frac{1}{4}$ ". 65-681

24.95

Child's Learning Calculator

12⁹⁵

Available
Sept. 30, 1981

NEW
FOR '81

The Ideal Way for Kids Who Can Read
To Learn How To Use a Calculator

Radio Shack EC-351. Our illustrated, easy-to-understand booklet makes it a snap for youngsters to learn to calculate. They'll be adding, subtracting, multiplying, and dividing in no time. 8-digit liquid crystal display. 6 $\frac{1}{2}$ "x3 $\frac{1}{4}$ "x $\frac{1}{4}$ ". Requires 2 "AA" batteries. 65-825

12.95



Metric Conversion LCD Calculator

NEW
FOR '81

Available
Sept. 30, 1981

19⁹⁵

- Performs 30 Metric Conversions Quickly
- "Storage" Memory Saved When Power Is Off

Radio Shack EC-315. Metric conversions, basic math operations, 8-digit display, two memories. Auto-shutoff saves batteries. 3 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x $\frac{1}{4}$ ". Includes batteries for 2000-hour life. 65-697

19.95



Astrological Computer

39⁹⁵

- Computes Your Daily Horoscope
- Doubles as a Handy 4-Function Calculator

Radio Shack EC-312. Computes position and influence of the planets for any day! More detailed than ordinary newspaper horoscopes. Fluorescent display. 4 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "x $\frac{1}{4}$ ". Requires 2 "AA" batteries. 65-801

39.95

Biorhythm Computer

24⁹⁵

- Helps You Prepare For "Critical" Days
- Doubles as a Handy 4-Function Calculator

Radio Shack EC-314. Charts your physical, emotional and intellectual cycles for past, present or future dates. Compare cycles of friends. Fluorescent display. 5 $\frac{1}{4}$ "x2 $\frac{1}{4}$ "x $\frac{1}{4}$ ". Requires 2 "AA" batteries. 65-802

24.95



RADIO SHACK STOCKS A COMPLETE SELECTION OF ENERCELL® CALCULATOR BATTERIES

www.RadioShackCatalogs.com

"Professional" Calculators to Solve Tough Problems

High-Powered Programmable Scientific Calculator



NEW FOR '82

39⁹⁵

- Includes leatherette billfold case
- Seven Memories
- 38-Step Programming

Radio Shack EC-4004. You get 61 functions, seven memory registers, regression analysis, integrals, up to 38 programmable steps for repeated calculation and the use of up to 18 nesting parenthesis at six levels — for a calculating powerhouse! LCD readout with full floating decimal. Ten-digit mantissa. $5\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{32}$. Includes batteries that last for 1000 hours of operation. 65-658 **39.95**

LCD Full Scientific Calculator — Power-Off Memory Retention

NEW LOW PRICE **34⁹⁵** Was \$39.95 In 1981 Catalog



- Includes leatherette billfold case

Radio Shack EC-499. All the math power you'll need for complex problems in business, engineering or science are in this powerful calculator. Ten or 8-digit mantissa with exponents up to 10^{100} . Six levels of parenthesis, 50 scientific functions, independent memory and more. Random number generator. With 1000-hour batteries. $5\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{32}$. 65-655 **34.95**



LCD Scientific With Memory

29⁹⁵ Includes fitted carrying case

Radio Shack EC-498. Computes all trig and log functions plus their inverses. Eight digits with automatic shift to scientific notation (6-digit mantissa and 2-digit exponent). Memory, Auto-Constant, Auto-Shutoff. Six levels of parenthesis and standard deviations. $5\frac{1}{2} \times 3 \times \frac{3}{32}$. Requires 2 "AA" batteries. 65-654 **29.95**

Low-Cost LCD Scientific Perfect for Math Students

21⁹⁵ Includes leatherette billfold case

Radio Shack EC-476. Forty single-function keys make it really easy to use! Eight-digit display with 5-digit mantissa in scientific notation mode. Independent memory register, automatic constant operations plus degree/radian/grad switch for statistical functions. With 1000-hour batteries. $5\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{32}$. 65-656 **21.95**

Versatile Slide-Rule Calculator

NEW FOR '82 **17⁹⁵**

- Includes vinyl pouch

- 3-Key Memory
- Automatic Power-Off Function With Memory Retention



Radio Shack EC-4005. A fantastic, low-priced math tool. Advanced features include %, $1/x$, x^2 , $()$ and π . Requires 2 "AA" batteries. $5 \times 2\frac{1}{2} \times \frac{3}{32}$. 65-659 **17.95**

Calculator Desk Stand

1⁹⁹ Adjustable Angle

Low-cost way to instantly adapt any pocket calculator to convenient desktop use. Adjustable angle, non-slip feet. 65-705 **1.99**



Desktop Copier and Calculators for Home or Office

Impact Printer/Calculator Uses Standard Paper



NEW FOR '92

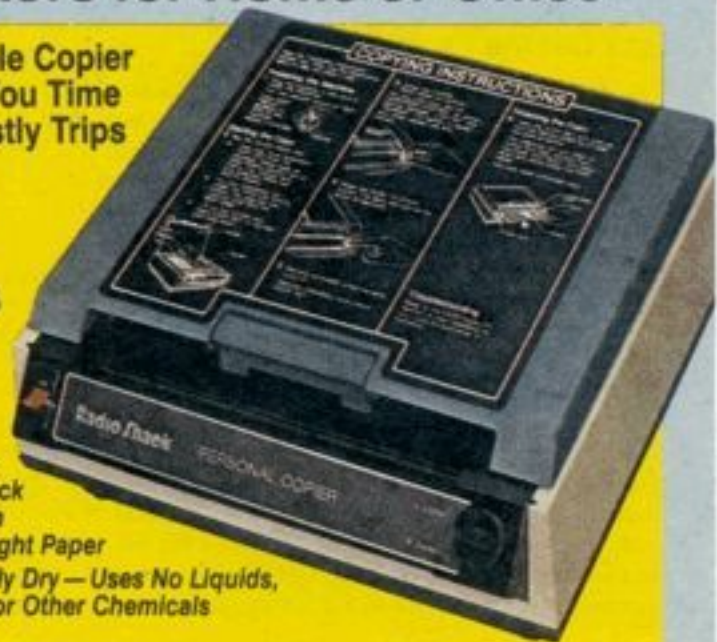
89⁹⁵

- Full 10-Digit Capacity • 4-Key Memory
- Power-On Automatic All-Clear Function

Radio Shack EC-3007. Combines the convenience of easy-to-read display with a permanent printed record. Selected decimal point placement control, round-off control, non-print selectable. 2 1/4 x 7 1/2 x 9 1/4" U.L. listed. 65-664 89.95

3-Pack of 2 1/4" Printer Paper. 65-710 1.99

Affordable Copier Saves You Time And Costly Trips



NEW FOR '92

149⁹⁵

- Produces Sharp Black Images on Bond-Weight Paper
- Completely Dry — Uses No Liquids, Powders or Other Chemicals

Radio Shack PC-50. At last, a portable copier that delivers clean copies with no muss, no fuss! Copies virtually anything on paper up to 8 1/2 x 11". Weighs only 8.2 lbs., and as easy to carry as a briefcase. Easy to use. 5 1/2 x 14 x 13 1/2" U.L. listed. With sample pack of paper. 63-2001 149.95

Dual-Spectrum Copy Paper, 100 sheets. 63-2002 15.95

Hand-Held Printing LCD Calculator

NEW FOR '92

69⁹⁵

- Fits Almost Anywhere, Even in a Briefcase
- Select Display Only or Display With Printout
- 2-Buffer Memory

Radio Shack EC-3006. Ten digits, floating decimal, 4-key memory, plus %, x and +/— keys. Includes U.L. listed AC adapter. Requires 3 "AA" batteries for portable use. 65-649 69.95

3-Pack of 1 1/2" Coreless Thermal Paper. 65-709 1.29

Only 5 1/2 x 3 x 1 1/4,"
It Goes Anywhere

Desk Calculators With Extra Features

Low-Cost LCD 19⁹⁵

The Smallest Calculator We've Ever Offered With a Full-Size Keyboard

Radio Shack EC-2003. Features 8-digit display and percent key with automatic add-on and discount. Square root key, full floating decimal point. Only 4 1/4 x 4 1/4 x 1 1/2". Requires 2 "AA" batteries. 65-662 19.95



Desktop With Memory 29⁹⁵

Radio Shack EC-2001. Features Δ% key to figure percent of change. 1 1/2 x 6 x 6 1/2". Requires 2 "D" batteries or AC adapter. 65-660 29.95
AC Adapter. U.L. listed. 273-1454 5.95



12-Digit Desktop With Memory 39⁹⁵

Radio Shack EC-2004. Double memory with add and subtract keys. Round-off, item count keys. Requires 2 "AA" batteries. 2 x 6 1/4 x 7 3/4". 65-663 39.95



Thermal Paper for Printing Calculators

Type	Fits	Cat. No.	Pack of 3
2 1/4" w core	65-645	65-706	2.79
	65-646		
	65-644		
	65-643		
1 1/2" w core	65-647	65-708	.99
	65-648		
1 1/2" coreless	65-649	65-709	1.29

Why Rent? Own Your Own Phone Equipment and Save

Let's Get the Facts Straight!

The idea of a consumer actually *buying* a phone, rather than renting from the phone company, is relatively new. And it's an idea well worth considering! No tiresome procedures or paper work, just a chance to save money! Interested? Read on...

Owning Your Own Phone is Legal!

Since 1977, it's been legal to own and connect your own phone, as long as it's FCC-approved and registered. All of our phones, amplifiers, dialers and telephone answerers are FCC approved.

It's Cheaper to Buy Than Rent!

Over a period of time, the money you've saved on monthly rental fees will actually pay for your purchase! For example, Southwestern Bell in Fort Worth charges \$3.40 per month for each Touch-Tone® Princess® phone you order — a total of \$40.80 per year, each. Our Compact Tone-Fone® sells for \$49.95 — returns your investment in less than 15 months. After that, it's money in your pocket! Can you afford *not* to buy rather than rent?

More Proof That It's Cheaper to Buy Than Rent!

Our compact telephone amplifier can save you even more! Southwestern Bell charges a one-time \$36.00 installation fee for its "speaker-phone" amplifier *plus* a \$9.95 monthly charge. Our amplifier costs only \$29.95 — less than Southwestern Bell's installation fee alone! These are just a couple of the many ways to save. Not all our phone equipment will pay off for you so quickly, but it's easy to see the potential for substantial savings. Prices on our telephones start at only \$34.95.

Connect-It-Yourself Quick and Easy!

All Radio Shack telephones and accessories include a standard modular plug which inserts instantly into any standard modular telephone jack. Make Radio Shack your telephone company for money-saving telephone equipment.

Touch-Tone and Princess are registered trademarks of AT&T. Quoted rates are for Southwestern Bell in Fort Worth, Texas as of May 1, 1981. Local charges may vary. Consult your local telephone company.

Slim-Fone® One-Piece Telephones With Base for Wall or Desk Mounting Pulse-Type Dialing With Auto-Redial Tone-Fone Dialing for Faster Operation

59⁹⁵



64⁹⁵



NEW FOR '81

- Selectable High/Low/Silent Ringer Switch
- Convenient Pushbutton Dialing

Slim-Fone ET-250 "Pulse." Sleek styling with Universal Dial System that gives you push-button operation on any line without extra charges and Auto-Redial of last number called. Mute switch silences outgoing voices. With 14' modular cord. 8 $\frac{1}{4}$ "x3 $\frac{3}{4}$ "x4".

White. 43-332 59.95
Brown. 43-333 59.95

Slim-Fone ET-250 "Tone." Features tone-dialing for use with bank, business computer and long-distance low rate services. All features of Pulse-type ET-250 except Auto-Redial. With 14' modular cord. 8 $\frac{1}{4}$ "x3 $\frac{3}{4}$ "x4". Ready to plug in and use.

White. 43-334 64.95
Brown. 43-335 64.95

Rests On
Flat Surface
Mounts on Wall

Radio Shack Has Phones for Every Room in Your Home

Compact Tone Fone™



49⁹⁵

One-Piece Design
— Just 2 1/4 x 1 1/2 x 7"

Radio Shack ET-100T. Trim and stylish, with fast tone dialing that lets you use low-rate long distance and other services. Features electronic ringer with silent low-high switch, 7 ft. coiled cord, modular plug. Beige. 43-283 49.95

Radio Shack's "Mini," The Personal All-Electronic Phone



Auto-Redial & Universal Dial System

Auto-Redial: Easy one-button redialing of last number entered if it was busy or didn't answer.
Universal Dial System: Pushbutton operation on any line, rotary or tone, without extra charges!

- Compact One-Piece Design — Just 2 1/4 x 1 1/2 x 7"
- Tone Ringer With Silent Low/High Switch

Ⓐ Radio Shack ET-100. Small, yet packed with convenient features! Mute switch silences outgoing voice for privacy — no need to cover the mouthpiece with your hand. Half of the 16 ft. cord is coiled — it will not clutter desk or table. With modular plug.

White Mist, 43-284 49.95
Dark Brown, 43-285 49.95

Ⓑ Wall Bracket. Easy-to-install rugged molded mount for the phones above. 8 x 3 1/2 x 2 1/4".
White, 43-184. Brown, 43-185 4.95



"Hangs Up" on Any Flat Surface

Ⓐ 49⁹⁵ Ⓑ 4⁹⁵

French-Style Fashion-Fones Add a Nostalgic Touch



59⁹⁵



69⁹⁵

The elegance and charm of the "Left Bank"! Combine classic design with quality components for years of reliable service. "Continental-Style" buzzer and ornamental handset create a mood of European elegance. 7" base cord, modular plug. **White, Golden Trim, 43-326 59.95**
Golden Color, Ivory-Color Trim, 43-325 69.95



69⁹⁵



79⁹⁵

"Cutie!" Very pretty, very petite, fits on the smallest table, adding elegance to any room. Ivory colored and accented with golden trim. Coiled handset cord, 7" base cord, modular plug. 43-324 69.95

French Continental. 14-carat gold filigree and ivory-colored base add to the "Old World" charm of this antique style phone. Complete with 7" base cord, modular plug. 43-320 79.95

Standard, Desktop Tone Fone™

NEW FOR '81

59⁹⁵

- Ideal Extension
- For Home and Business



Popular styling and the convenience of push-tone dialing at a low price! An ideal extension for the bedroom, workshop, anywhere. Install it yourself easily with modular plug. Coiled handset cord stretches up to 4'. Bell with volume control. 7" base cord. 43-340 59.95

Rotary-Dial Desktop Telephone

34⁹⁵

**Simple to Install,
Simple to Use,
Easy on Your Budget!**



Just as stylish, rugged and reliable as telephone company models! Cord plugs into any modular jack. Economical too! Saves on your monthly bill. Molded handset has coiled cord that stretches up to 4'. Bell with volume control. 7" base cord, modular plug. **White, 43-301. Beige, 43-302 34.95**

Portable, Cordless Pushbutton Telephone

Make or Take Your Calls Anywhere — Indoors or Out



"Call" Pushbutton Works Like a Pager, Signals the Handset With a Tone!

- No Rewiring — Just Plug It In
- Works Up to 500 Ft. From Base Unit
- FCC Approved • Clear Sound
- Rechargeable Batteries Included

199⁹⁵

DU6FONE ET-300. The ultimate telephone — convenient cordless handset accompanies you from room-to-room and even outside! Works just like a standard telephone, but without the inconvenience of a cord. To answer or make a call, flip the talk switch and raise antenna. When call is over, set the switch to "standby" and you're ready to receive or make another call. Base unit has built-in modular jack to also accommodate your regular phone. Small, lightweight handset measures 6³/₄"x2¹/₂"x1¹/₄". Easy to install — just plug the base/recharger into AC and a modular jack. Base, 2¹/₄"x8¹/₂"x7¹/₄". FCC approved. U.L. listed AC operation. (Not for party lines.) 43-265 199.95

Make Calls While Relaxing at Poolside
... or Take Calls While Walking Your Dog!

Universal Dial System and Auto-Redial



Universal Dial System: Convenient pushbutton operation on any line, rotary or tone, without extra service charges!
Auto-Redial: Easy one-button redialing of last number entered if it was busy or didn't answer!



Exciting Low Price! Full-Duplex Cordless Incoming-Call Telephone

119⁹⁵

Communication Range of Up to 600 Feet!

- Great for Restaurants, Offices, Lobbies
- Rechargeable Batteries Included in Handset



DU6FONE ET-310. Take calls in any room, basement, garage — even in a neighbor's yard! To answer, flip the talk switch, raise antenna on the cordless handset. Base unit has modular connector, includes built-in modular jack for use with your regular phone. Handset has on-off power switch, Hi-Lo voice switch. Base, 2¹/₄"x8¹/₂"x7¹/₄". Handset, 6³/₄"x2¹/₂"x1¹/₄". FCC approved. U.L. listed AC operation. (Not for party lines.) 43-264 119.95



Take calls on the job, in the yard, anywhere!

Amazing Telephone Breakthrough! Cordless Handset Gives You "Walk and Talk" Convenience without Tangling Cords!

- *No Monthly Rent — Save Money on Your Phone Bill*
- *Built-In Antenna — No Telescopic Antenna to Adjust*
- *LED Indicator in Handset Shows Unit is Recharging*

Only
99⁹⁵

The Radio Shack ET-350 is the first complete answer-and-dial telephone with a cordless handset and "full-duplex" operation that lets you use it just like your regular phone. To answer, just pick up the handset and talk; to call, just "dial" from the pushbutton base unit. The big difference is, you're unrestricted by a cord! Because this phone is all-electronic, you get the added benefits of Auto-Redial for one-button redialing of the last number entered if it was busy or didn't answer, and a Universal Dial System for pushbutton convenience even on rotary-dial lines — without extra service charges. There's also a "privacy" button so you never need to cover the mouthpiece with your hand, plus a pleasant tone that replaces the harsh sound of a bell. The base unit may be used on desk or wall.

With built-in nickel cadmium batteries and automatic charger FCC approved, of course.

Designed, engineered and manufactured in Radio Shack's own factory!
Beige color.

43-266 99.95



Base Unit —
For Wall
Or Desk

**50-Foot
Range!**

Take Your Handset
From Room To
Room

Cordless!

Move around at will without messy, twisted, tangling, trailing wires!



CORDLESS! No cord to burn on stove or knock over containers!



CORDLESS! Unrestricted movement around an entire office!



CORDLESS! Take your phone calls where you want them!

AMERICAN EXPRESS, MASTERCARD AND VISA HONORED AT MOST STORES

www.RadioShackCatalogs.com

Radio Shack Has Your Number in Auto-Dialer Phones



Deluxe Auto-Dialer/Telephone/Amplifier

129⁹⁵

- Auto-Dialer With 16-Number Memory
- Two-Way Amplifier, Privacy Button
- Works as a Standard Telephone

DU6FONE®-16. Total calling convenience in an "all-in-one" telephone! Store up to 16 frequently called numbers for instant, one-button dialing. Each of the 16 memory buttons has a 15-digit capacity — numbers exceeding 15 digits are storable by storing a smaller total number, important for overseas calls. A battery-powered backup system maintains all numbers stored in the memory if you need to unplug the phone. Built-in two-way amplifier and on-hook dialing let you have hands-free conversations. "Privacy" button turns off the built-in mike when using the amplifier so the other party can't hear you. And, the Universal Dial system works with either rotary dial or tone phone lines so you always have pushbutton calling convenience. 3¹/₂"x8¹/₂"x9⁷/₈". Requires 4 "AA" batteries for memory protection. For single-line use only. FCC approved. 43-290 129.95



Pays for itself in time saved at the office



Automatically dials with accuracy in an emergency



Operates as a standard phone in any setting

Features Auto-Redial and Universal Dial System!



AUTO-REDIAL: Instant, one-button redialing of the last number called if it didn't answer or was busy — local or long distance!

UNIVERSAL DIAL SYSTEM: The convenience of pushbutton calling on any phone line, rotary or tone, without extra service charges!

Two-in-One Telephone With 16-Number Auto-Dialer

99⁹⁵

- Universal Dial System and Auto-Redial
- Store Up to 16 Numbers in Memory for Instant Use
- Modern Styling Looks Great in Any Environment

DU6FONE-10. This combination telephone/automatic dialer is a valuable addition to any home or office. Stores up to 16 phone numbers of up to 15 digits (or more, if you store fewer than 16 numbers) in memory so you have instant, accurate one-button dialing of frequently called or emergency phone numbers. Universal Dial System gives you pushbutton convenience on any rotary or tone line, and Auto-Redial lets you redial the last number called if it was busy or didn't answer. Requires 4 "AA" batteries for memory protection when disconnecting phone to move to another location. 3¹/₂"x5¹/₂"x10". For single-line use only. FCC approved. 43-291 99.95

ALL RADIO SHACK PHONES ARE FCC-APPROVED, PERFECTLY LEGAL TO USE, READY TO PLUG IN

Dialers and Accessories for Telephone Convenience



32-Number Auto-Dialer With LED Clock-Timer

99⁹⁵ Use With Tone Or Dial Phones

0 1 - 3 4
Built-in digital clock

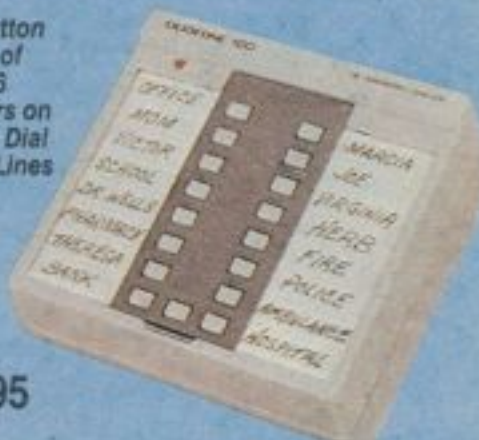
0 0 - 4 1
Timer monitors length of long-distance calls

1 - 8 0 0
Shows number, including area code, being dialed

DU6FONE-132. Instant one-button dialing of up to 32 numbers — even has time-saving "on-hook" dialing. Built-in speaker monitor. Modular connections for installation on single-line phones. (Requires adapter for multi-line use.) Includes U.L. listed AC adapter. Requires 9V battery for memory protection. 2½x6½x6" FCC approved. 43-261 **99.95**

Dialer With 16-Number Memory

One-Button Dialing of Up to 16 Numbers on Tone or Dial Phone Lines



49⁹⁵

DU6FONE-100. Stores up to 16 numbers of up to 15 digits each. LED indicator for memory and dialing. U.L. listed AC operation with included adapter. Requires 2 "AA" batteries for memory protection. (Requires adapter for multi-line use.) FCC approved. 2½x4½x5½" 43-279 **49.95**



Archer® Multi-Line Tap

29⁹⁵ **NEW FOR '82**

"Sandwiches" in to multi-line ribbon connector for single-line tap on lines 1-4. The easy way to connect answerers, dialers, other single-line accessories.

43-270 **29.95**
Archer One-Line Tap. Connects to line 1. 43-271 **14.95**

Conference Caller With Transfer

Works With Most Multi-Line Systems

49⁹⁵

Allows up to 4-way conference; transfer incoming calls to another location. Recording jack. 43-234 **49.95**



Telephone Silencers



A Phone Mount. Ends intrusive calls. Attaches easily to most phones. Just 1" high. 43-125 **6.95**
B Remote. Silencer on 7-foot cord. 43-126 **7.95**

Handy, Automatic Phone Directories Save You Time Get Instant Access to Any Name/Number In Your Own Private, Auto-Directory

A 24⁹⁵



B 14⁹⁵ **NEW FOR '82**



C 5⁹⁵



D 6⁹⁵



A Desktop Automatic Directory. Access up to 350 numbers at the touch of a key. 4½x5½x7½". Requires 2 "C" batteries. 43-105 **24.95**

B Calendar Directory. Manual calendar, electric or manual access to up to 390 numbers. 3½x5x7½". Requires 2 "AA" batteries. 43-106 **14.95**

C Pocket Directory. Only 3x5½" yet it holds up to 200 names and numbers. Requires 2 "AAA" batteries. 43-109 **5.95**

D Portable Hand Directory. Forward or reverse electric drive finds any of 390 names. 5½x3½x1½". Requires 2 "AA" batteries. 43-112 **6.95**

Rest-a-Phone

Frees Your Hands

Write or work while you talk. Attaches easily to handset.

Beige. 43-120 **3.29**
White. 43-121 **3.29**



3²⁹

Stick-On Phone Pen

89¢

Adhesive-mount back attaches easily to telephone or other smooth surface. 43-110 **89¢**



*AUTOMATIC DIALERS MAY NOT WORK ON SOME MULTI-LINE SYSTEMS

Cords, Jacks and Plugs for Telephone Versatility

Modular-Plug Phone Accessories



- A Quick-Plug.** Convert older phones for use in modular phone jacks. Accepts spade lugs or bare leads. 279-375 2.49
- B Duplex Jack.** Couples two phones, phone and amplifier, or phone and answerer from one jack. 279-357 6.95
- C Modular Wall Phone Plate.** Convert standard wall phone into modular system. With hardware. 279-387 7.95
- D Modular-Modular Line Cords.** Extension replaces shorter cords. Both ends terminate with modular plugs. 12-Ft. Long. 279-374 4.95 25-Ft. Long. 279-356 5.95
- E Inline Coupler.** Extend your phone system by interconnecting two modular line cords. 279-358 2.95
- F Plug Adapter.** Converts 4-prong to modular plug. 279-365 4.95
- G Wall Plate.** Flush mount a modular jack for a table phone in any standard outlet. With hardware. 279-352 5.95
- H 25-Ft. Extension Converter Cord.** Modular end fits modular jacks, other end has spade lugs. 279-364 5.95
- I Quick-Connect Jack.** Converts standard wall block for modular plug. With spade terminal wires. 279-355 2.19
- J Universal Instant Jack.** Converts standard wall block or 4-prong jack to modular and 4-prong jack. 279-360 6.95
- K Handset Cord.** Coiled 18' cord for replacement or extension. Two colors to choose from. Silver Satin. 279-361 6.95 Brown. 279-378 6.95
- L Modular Extension Cords.** Terminations are modular plug and duplex (dual) modular jack. 12-Ft. Long. 279-373 7.95 25-Ft. Long. 279-363 8.95
- M Modular Jack.** Surface mount for new installation or replacing 4-prong jacks. With hardware. 279-353 5.95
- N Cord Adapter.** Converts modular phone plug to 4-prong plug. Connect modular phone to a non-modular jack. 279-351 4.95
- O Wall Jack.** 4-prong jack with wall plate fits standard sized cutout. 279-1507 2.59
- P Extension Cords.** Flexible 4-conductor cable with jack and plug. 15-Ft. Long. 279-1260 2.29 30-Ft. Long. 279-1261 3.99
- Q Quick-Disconnect Jack.** Converts standard phone block to 4-prong jack. 279-368 2.19
- R Jack-in-a-Plug.** Permits two or more phones to be connected to one jack. 279-369 1.89
- S 42A Connector Block.** Permits termination of telephone set cords. Or use with 279-355 for conversion to modular jack. 279-389 2.19
- T Dual Jack-in-a-Plug.** Permits use of two phones from a single plug. 279-370 2.29
- U Jack.** Accommodates standard 4-prong plug. With hardware. 279-367 1.49
- V Plug.** Mates with standard 4-prong jack. 279-366 1.29
- W 50-Ft. 4-Conductor Modular Phone Cable.** Silver-satin flexible flat cord. 278-365 5.49
- X 50-Ft. 4-Conductor Round Phone Cable.** Flexible beige cord. 278-372 5.49

4-Prong Plug Phone Accessories



Outdoor Extension Telephone Ringer

*Inexpensive
Alternative to a
Second Phone*

21⁹⁵

Now you can hear your phone ringing outdoors — relieves you from staying indoors waiting for that important call. Great for patio, garage, workshop, anywhere! Produces a pleasant-sounding tone. Volume control, built-in modular jack. Weather-resistant enclosure. Easy installation. 279-376 21.95



Phone Amplifiers Add Convenience to Any Telephone



Deluxe Telephone Amplifier

IC "Chip" for Superior Performance

49⁹⁵

Phone Line Powered — No Batteries Required

DU6FONE®-101. Talk without having to hold the phone. Just plug in amplifier and converse while preparing meals, doing housework or even moving around the room — no longer are you restricted by the length of a cord. Automatic talk/listen switching lets several people join in "family" or conference calls. Push the "Mute" button if you wish to listen but not talk. Slide-action volume control. 11¹/₂ x 6¹/₂ x 11¹/₂". With modular plug. FCC approved. 43-277 49.95

Compact Budget-Priced Amplifier



29⁹⁵

- Privacy Switch Mutes Outgoing Messages
- Phone Line Powered — No Batteries Required

Make family and conference calls with "hands-free" convenience! Simply tap the Amplifier Bar when phone rings and leave your regular phone on the hook. Volume, mike-sensitivity and mute controls. 3³/₈ x 6 x 4¹/₂". With 5 ft. cord, modular plug. FCC approved. 43-276 29.95

Telephone Recording Control

Keep a Record Of Conversations

24⁹⁵

Great for keeping business records on tape! Plug into a cassette recorder and tape your conversations. For anyone who relies on information by phone. (Not for party-lines.) 2¹/₂ x 2¹/₂ x 1¹/₄". FCC approved.

43-236 24.95



Complete All-in-One Amplified Telephone

59⁹⁵

- "Hands-Free" Conversations
- Adjustable Volume
- Privacy Button
- Phone Line-Powered



DU6FONE-12. Features pushbutton dialing and built-in amplifier — great for conference calls at work. Auto-Redial automatically redials last number called if it was busy or didn't answer. Works on tone or rotary dial lines. Connects easily using modular connectors. 2¹/₂ x 5¹/₂ x 8". FCC approved. 43-295 59.95

Handset Amplifier

Ideal for the Hearing-Impaired

19⁹⁵

Simple plug-in hookup between handset and phone. Adjustable volume and tone controls. 4 x 2¹/₄ x 1¹/₄". Requires 9V battery.

43-237 19.95



Portable Phone Listener

9⁹⁵

Easy Hookup — No Wiring Required

Amplifies incoming calls so others can listen in. Suction cup pickup coil attaches/detaches easily. Volume control. Requires 9V battery. 2 x 3 x 4¹/₄".

43-231 9.95



Snap-On Amplifier

Easily Attaches To Earpiece

11⁹⁵

Boosts caller's voice up to five times. Volume control. With battery.

43-238 11.95



ALL DIRECT-CONNECTING RADIO SHACK, ARCHER AND DU6FONE ACCESSORIES ARE FCC APPROVED

www.RadioShackCatalogs.com

Dual-Cassette Automatic Telephone Answering Systems



Full-Function Telephone Answerer With Remote Control Playback

NEW
FOR '82

159⁹⁵



*Remote Control Lets You
Call-In From Any Phone
And Hear Your Messages,
Then Reset Answerer for More*

DU6FONE® TAD-112. Greets callers with your announcement in your own voice, then records their message — takes up to 120 calls. Or set it to deliver only your outgoing message, then hang up. When at home, Call-Monitor lets you determine who's on the line before picking up phone. Built-in mike, full-capacity shutoff, LED indicators. Answerer, 2 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ " x 7 $\frac{1}{4}$ ". Remote, 1x3 $\frac{1}{4}$ " x 2 $\frac{1}{4}$ ". U.L. listed AC operation. Remote requires 9V battery. 43-247 **159.95**



Value-Priced Automatic Telephone Answerer for Easy Message Handling

NEW
FOR '82

119⁹⁵

*Dual-Cassette Operation
Makes It Easy to Store
And Replace Message and
Announcement Tapes*

DU6FONE TAD-111. Never miss another important call! Answers your phone and records up to 120 messages. Call-Monitor lets you screen incoming calls. Other deluxe features include built-in condenser mike for recording your outgoing announcement, easy-to-use single-knob selector, LED function indicators, playback volume control, fast-forward to quickly skip over unwanted portions of the tape, full-capacity shutoff, and "announce-only" setting. 2 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ " x 7 $\frac{1}{4}$ ". U.L. listed AC operation. 43-246 **119.95**



Low-Cost Personal Phone Answerer

NEW
FOR '82

89⁹⁵

• Records Up to 40 Messages
• Call Monitor • Ringer Adjust

DU6FONE TAD-110. Our lowest priced answerer, and designed for home use. Easy, two-lever operation. Fast-forward quickly passes unwanted material on the tape. LED indicators for power-on and call-received. Built-in condenser mike for recording announcement tapes. 2 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ " x 6". U.L. listed AC operation. 43-245 **89.95**

Extra Announcement and Message Cassettes For Use With All Five Models Shown

Type	Recording Time	Cat. No.	Each
Outgoing	30 Seconds	43-401	5.95
Outgoing	30 Seconds	43-402	5.95
Incoming	60 Minutes	43-410	2.29

Breakthrough! Computer-Controlled Phone Answerer

Radio Shack Introduces The Ultimate in Telephone Answering Systems!

Remote control gives you total command of system functions from any phone in the world! Play back calls, repeat or advance messages, tag an important message for instant playback, switch between answer or announce only, reset for more calls, even record a new outgoing announcement!



- Full-Function Digital Remote Control Operation
- Fluorescent Display Shows the Message Number, Plus the Date and Time Each Message Was Received
- Also Doubles as a Recorder and Dictation Machine

NEW FOR '81

Available Nov. 15, 1981

299⁹⁵ Designed, Engineered and Manufactured
In One of Our Own Radio Shack Factories

DU6FONE TAD-150. This amazing, microprocessor-controlled answerer features dual-cassette operation with dual outgoing messages. And, it incorporates the same computer technology as our own TRS-80® computers! Voice-actuated circuitry records callers for as long as they talk (up to five minutes), without gaps. Unique cue feature lets you easily locate messages for convenient playback. Digital remote control duplicates most functions on the front panel, and allows you to call your own number from any telephone and hear all your messages. Four-digit "security code" assures complete privacy — only you can remotely oper-

ate the answerer! Features built-in digital clock, all-electronic "leather-touch" controls, LED indicators, instant or delayed answer, and built-in electret mike for recording your announcements or dictation. You can even record 2-way phone conversations. Answerer, 4 1/4 x 12 x 9 1/4" Remote, 6 x 2 1/4 x 1 1/4" U.L. listed AC operation. Requires 9V battery for memory protection. Remote requires 4 "AAA" alkaline batteries. 43-248 **299.95**

Deluxe Voice-Actuated Dual-Cassette Phone Answerer With Pocket Remote Control

199⁹⁵

NEW FOR '81

- Digital Counter Shows Number of Calls
- Records Two-Way Telephone Conversations

DU6FONE TAD-115. Ideal for home or office, it answers incoming calls with your 20-second announcement. Records caller's message for up to three minutes. Play back phone messages with remote unit anytime, anywhere! Call-Monitor lets you "screen" callers. Selectable ring delay. Standard recorder dictating machine, too. Answerer, 2 1/4 x 10 x 14 1/4" Remote, 4 1/2 x 1 3/4 x 3/4" U.L. listed AC operation. Remote requires 9V battery. 43-249 **199.95**



NOTE: All DU6FONE answerers include both an announcement and message cassette and are ready to plug into modular jacks — no wiring required. DU6FONE answerers are FCC approved and are perfectly legal to use. Answerers are NOT for coin or party-line use.

TRS-80® Color Computer — The Fun Way to Start Computing!

13" Color Video Receiver
399⁰⁰

- Displays Vivid Color Graphics — With Sound
- Uses Instant-Loading Program Paks
- Attaches Easily to Any Color Television Set

4K Color Computer
399⁰⁰

The TRS-80 Color Computer makes computing fun for the entire family! Just pop in a Program Pak™ for entertainment, educational or personal uses. Or, with the easy-to-use manual, learn to write your own programs in Color BASIC. Comes with 4000 characters of internal memory (expandable up to 32,000), eight colors and a built-in RS-232 interface for easy communications ability. Add a printer, joysticks, or a modem for telephone communications. Includes manual. U.L. listed. 26-3001

Dust Cover. 26-3006 4.95
Color BASIC Instruction Manual. 26-3191 5.95

TRS-80 Color Video Receiver. A 13" high-resolution TV for brilliant color graphics, easy to read text. Also receives UHF/VHF TV. U.L. listed. 26-3010 399.00

53-Key Keyboard

Color Computer Joysticks

24⁹⁵ Pair Adds Excitement!
Make your Color Computer even more versatile! Easy hookup. 26-3008 24.95

CTR-80A Cassette Recorder

59⁹⁵ Automatic Level Control
Record programs and data on tape for later use. Cable included. U.L. listed AC operation or 4 "C" batteries (not incl.). 26-1206 59.95

Our Growing Line of Instant-Loading Color Computer Programs

Diagnostic ROM. Test memory and functions. 26-3019 29.95

Quasar Commander. You're at the controls of a starship, trying to destroy enemy ships. Joysticks required. 26-3051 39.95

Football. Join the pros! You quarterback the offense, your opponent calls the defense. Req. joysticks. 26-3053 39.95

Checkers. It's you against the computer. Eight play levels, from beginner to expert. "Test" problems let you sharpen your skills. 26-3055 29.95

Skating. A downhill race against the clock seen from the eyes of the skier. Simple and complex settings. Joysticks required. 16K recommended. 26-3058 39.95

Color Backgammon. The classic game. You against the computer. You can even double the stakes. Joysticks optional. 26-3059 29.95

Color File. Tape-based electronic filing system. Useful in keeping a household items inventory, mailing addresses or anything else that needs to be filed. 26-3103 29.95

Typing Tutor. Letter and word drills. Keeps track of words per minute, fast letters, slow letters, errors. 26-3152 29.95



Chess. Challenge the "mind" of a thinking machine in this age-old battle of strategy and defense. The computer is always ready for a quick blitz or a slow, thoughtful game. Helps you learn to play or sharpen your skills. 26-3050 39.95



Pinball. This classic arcade game has been updated for your Color Computer. Play the built-in version or, if you wish, custom-design your own game! Provides hours of fun for one to four players. Joysticks required. 26-3052 29.95



Super Bustout. A real "break-through"! Use your paddle to deflect the ball to break down the barrier and get out to the other side. Fast-paced fun for one to four players, either on teams or in head-to-head competition. Joysticks required. 26-3056 29.95



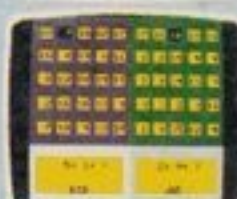
Dino Wars. Stone age fun! Two players battle it out with dinosaurs. Realistic yelps, growls, tromping foot noises. When one dinosaur is bitten on the back of the neck, he falls down. Joysticks required. 16K recommended. 26-3057 39.95



Project Nebula. Your mission is to rid the galaxy of invaders. Four levels of play, including target practice, exchanging fire with aliens, controlling fuel supply and managing a disabled ship. Joysticks required. 26-3063 39.95



Personal Finance. Designed to help you answer important questions about your finances, and to assist you in setting up a budget. Choose from 26 major expense categories — or make up your own list. 26-3101 39.95



Bingo Math. Teaches children math the fun way! Addition, subtraction, multiplication, division; number recognition; also helps to improve their response time. For one or two players. Joysticks required. 26-3150 29.95



Music. You'll be composing your own music in minutes! Bass and treble clefs in a 5-octave range with sharps and flats; plus whole, half, quarter and eighth notes. Great for learning notation. 26-3151 29.95

TRS-80[®] Means Advanced Color Graphics at Low Cost

Get the TRS-80 Color Computer With Extended Color BASIC

- Screen Resolution of Up to 256x192
- Produces Dazzling Graphic Simulations
- 16K Internal Memory, Expandable to 32K

599⁰⁰

Video Receiver not included

Get all the features of our standard Color Computer, plus advanced graphic capabilities and greater memory! Attaches to any color TV to produce business charts, drawings — even simple animation. Choose from up to eight colors, and draw line lines, circles, rectangles and boxes with simple one-line commands. Use our wide variety of Program Paks, too. Program editing capabilities, specific error messages, user-definable keys, string arrays up to 255 characters, floating decimal point, and machine language routines. U.L. listed. **26-3002** **599.00**
32K Extended BASIC Color Computer, 26-3003 **749.00**

16K RAM Upgrade Kit, 26-3015 **99.00**

Extended BASIC ROM Kit. (Req. 16K.) 26-3018 ... **99.00**

32K RAM Kit. Converts 4K or 16K Color Computer to 32K. 26-3017 **149.00**

Computer Upgrade Kit Prices Do Not Include Required Installation Charges

Now Add Disk Drives to Your TRS-80 Color Computer!

- Full 156,672 Character Storage Per Disk
- Quick and Easy Access to Data
- Add Up to 4 Drives for over 626,000 Characters of Storage

NEW FOR 80

First Drive
599⁰⁰

Available 10/30/81

Now store complex programs and quickly access large amounts of data using your TRS-80 Color Computer — just add one or more disk drives! Your first drive kit includes one 5 1/4" double-density, 35-track floppy disk drive, a direct-connecting cable, a plug-in ROM cartridge and a reference manual. The Disk Operating System is completely contained in the ROM pack, so the full 156K-byte capacity is available for on-line storage. The stock cable allows up to two drives on system — an optional cable allows up to four drives. Requires a minimum of 16K memory. Includes reference manual. U.L. listed.

Color Disk #0 Kit, 26-3022 (Available 10/30/81) **599.00**

Color Disks #1, 2, 3. (Requires Disk #0.) 26-3023 **Each 399.00**



Plugs into Cartridge Port



Use Ready-to-Run Programs Or Write Your Own "By the Book" Check Out These Exciting New Program Paks!

Space Assault. Creatures drift in rows down the screen. You must shoot them down before they destroy you by dropping bombs. Standard play affords temporary bunkers for protection. Advanced level has no barricades but allows vertical as well as standard horizontal movement. Joysticks required. **26-3060 (Available 10/30/81)** **29.95**

Art Gallery. Uses Joysticks (not incl.) to draw figures, objects, titles and graphics in color on screen. Allows various resolution modes. 16K recommended. **26-3061** **39.95**

Investment Analysis. Useful in computing interest, loan amortization, present value, bond yield, stock yield. Creates a permanent history file on investments, loans, bonds and stocks. **26-3102 (Available 11/30/81)** **39.95**

Spectulator. "Electronic worksheet" with up to 99 columns. Columns can contain numbers or formulas determining the function to be performed on previous columns. Built in command set. Perform addition, subtraction, multiplication, and division. Plus partitioning operators (/), numeric constants, column and row number operands, plus summation and square root. Text may be entered in columns. Data entered may be modified or changed. Save worksheet data on tape. **26-3104 (Available 10/30/81)** **39.95**

Color SCRIPBIT. Word processing for the Color Computer! Menu and labelled function keys used for most features. Text is seen in actual edited form through a display "window." Powerful editing features like string search and replace, block move or copy, variable line widths, insert text into existing text, mark paragraphs, set margins. Automatic word wrap-around. Requires printer. **26-3105 (Available 10/30/81)** **39.95**

Color Computer Learning Lab. Learn to program with this combination of software and text. Gradual development from short programs containing few instructions to longer programs of individual modules. Teaches how to organize and structure tasks. **26-3153** **49.95**

Handy Man. Figures exact requirements for home projects: materials required, cost, safety margin of additional material. Figures areas of walls and rooms, floors, ceilings. Estimates for grass seed, fertilizer, etc., for lawn care, and more. **26-3154** **29.95**

Polaris. Protect your islands — use Polaris missiles in your submarines to intercept incoming enemy missiles. For one or two players. **26-3065 (Available 11/30/81)** **29.95**

Going Ahead With Extended BASIC

All the information you need to begin programming in Extended Color BASIC is presented here in an understandable and entertaining format that both programmers and non-programmers will appreciate. **26-3192** **5.95**



SEE YOUR NEAREST PARTICIPATING RADIO SHACK OFTEN FOR THE LATEST SOFTWARE RELEASES

www.RadioShackCatalogs.com

Radio Shack's Revolutionary TRS-80[®] Pocket Computer

**Portable!
Programmable!
Affordable!**

NEW LOW PRICE!

229⁹⁵ Was 249.00
In Cat. 328

- Programs in Easy-to-Learn BASIC or Use Radio Shack's Ready-to-Run Software
- 1.9K Random Access Memory
- Retains Programs and Data Even When Power Is Off



Only 1 1/16x6 7/8x2 3/4"
Just 6 Oz. Light

Put big computing power in the palm of your hand! The TRS-80 Pocket Computer can solve business, engineering and scientific problems, assist with decision making, teach, even entertain. Load ready-to-run programs from cassette tape (with optional-extra interface and recorder), or program it yourself. 24-character alphanumeric liquid-crystal readout displays one line at a time. Features 15 arithmetic functions, 10-digit numeric accuracy, 2-digit exponents, editing, multiple statements, strings, arrays, and more. Automatic statement compaction squeezes every ounce of memory space. Automatic power-off saves battery life. Includes carrying case, batteries, manual.

26-3501 229.95

Ready-to-Run Pocket Computer Software



These programs put your TRS-80 Pocket Computer to work today! Each includes a comprehensive, easy-to-understand manual, and requires the Cassette Interface or Pocket Computer Printer/Cassette Interface and compatible cassette recorder.

- Real Estate.** A time-saver for the investor and agent. Annuities, compound interest, depreciation, cash flow analysis, and residential purchase analysis. 26-3510 24.95
- Civil Engineering.** A valuable "on-site assistant." Simple beam computations, stress in cylinders and bolt torque, cantilevered beams, and more. 26-3511 24.95
- Surveying.** Enables the surveyor to convert field measurements into final property boundaries. Includes leveling, volume, irregular area, closure, and more. 26-3512 29.95
- Aviation.** Complete flight management system with the basic equations and conversions used by the pilot. Calculates altitude, airspeed, headings, Mach number, off-course correction and drift angles, and more. 26-3513 24.95
- Math Drill.** Teaches basic math skills through examples and repetition. Designed for children in the primary grades. 26-3514 14.95
- Games Pack I.** A "handful" of excitement you can play anywhere! Space Ship Landing, Treasure Hunt, Biorhythm Computer, Star Buster, Craps, and more. 26-3515 14.95
- Business Statistics.** Ideal for business, marketing, and sales decisions. Includes seasonal variation, normal-T-F distributions, descriptive statistics, multiple regression, management decisions, and much more. 26-3516 19.95
- Business Financial.** A powerful decision-making tool. Includes loans, annuities, bond price, yield, compound interest, depreciation, and more. 26-3517 19.95
- Personal Finance.** Helps you manage your household expenses, balance your check-book, keep track of investments, and more. 26-3518 19.95
- Electrical Engineering I.** Includes low and high-pass and active and passive filter design, complex impedance calculator for passive circuit analysis, low-frequency transistor amplifier design, tables and calculations for RF coil design, current or resistance to wire size, capacitor and resistor codes, and more. 26-3520 Available Oct. 1, 1981 24.95
- Games Pack II.** Get more fun from your Pocket Computer! Games include Blackjack, Baccarat, Aceyducey, Bandit—for Las Vegas-type slot machine action, Pokeslot—a poker slot machine game, and others. 26-3523 Available Oct. 1, 1981 14.95

Use It Anywhere—Slips Into Pocket or Purse



**TRS-80 Pocket Computer
Printer/Cassette Interface**

149⁹⁵

Both a compact printer and cassette interface in one. Now you can have a printed copy of Pocket Computer programs, listings, and data. Plus, save and load programs and data on cassette tapes with recorder (below). Easy-to-read dot-matrix characters. Prints 16 characters per line at one line per second. Long program lines automatically "wrap-around" to the next line. Includes rechargeable batteries, AC adapter/charger, three rolls of paper, ribbon cartridge, cassette cable, manual. 1 1/2x1 1/2x3 1/4"

- 26-3505 149.95
- Printer Paper, 6 rolls. 26-3506 1.75
- Ribbon Cartridge. 26-3507 2.75
- Printer Case. Soft-lined for protection. 26-3508 14.95

Miniset[®]-9 Recorder

Ultra-slim—ideal for use with Pocket Computer. 1 1/4x7 1/4x4 1/4". Requires 4 "AA" batteries. 14-812 79.95
AC Adapter. U.L. listed. 273-1454 5.95

Cassette Interface

Load and save Pocket Computer programs and data on cassette tapes. Modular design interlocks with Pocket Computer (as shown). Requires 3 "AA" batteries. 1/8x8 1/4x3 1/4"
26-3503 49.00



TRS-80® VIDEOTEX Brings You Instant Information



TRS-80
VIDEOTEX
Terminal

399⁰⁰

TV Receiver
not included

TRS-80 VIDEOTEX Terminal. Turns any TV set into a two-way information retrieval system! Simply plug in a telephone cord, and connect to the antenna terminals of your TV, and plug into AC. Internal 4K memory stores information for later viewing, cutting "on-line" time to a minimum. Includes one FREE hour on both the CompuServe and Dow Jones networks. 3 1/2" x 13 3/4" x 14 1/2" U.L. listed. 26-5000

16K TRS-80 VIDEOTEX Terminal. With added memory. 26-5001

TRS-80 13" Diagonal Color Video Receiver. U.L. listed. 26-3010

TRS-80 VIDEOTEX Software. Allows access to VIDEOTEX information using your computer or terminal with an optional-extra telephone interface. Includes one FREE hour on both the CompuServe and Dow Jones networks. Includes operator's manual, ID number, and password.

TRS-80 Model I/III Package. 26-2220

TRS-80 Model II Package. 26-2221

TRS-80 Color Computer Package. 26-2222

Apple® II Package. 26-2223

"Dumb" Terminal Package. 26-2224

® Trademark Apple Computer

Here's What TRS-80 VIDEOTEX Means to You



TRS-80 VIDEOTEX works with your telephone and computer (or TV) to give you instant access to exciting, up-to-the-minute news, information, and special services. You simply dial a phone number (usually local), press a few keys, and watch the desired information appear on your TV or personal computer screen. In many cases, you'll read the news before it's ever printed. TRS-80 VIDEOTEX includes one FREE hour on both the CompuServe and Dow Jones networks. After that, you'll be billed at their low hourly rates.



CompuServe® Information Service. Through an exclusive agreement with CompuServe, TRS-80 VIDEOTEX users can access a continually-growing list of information. CompuServe offers local, national and international news, weather and sports from major newspapers like *The New York Times* and *The Washington Post*, plus the full newswire service of the Associated Press! Investors will appreciate the historical information and updates on over 32,000 stocks, bonds and securities. There's also a home and educational reference service; thrilling computer games; Radio Shack's own Bulletin for TRS-80 owners; and much more! And thanks to the two-way capability of TRS-80 VIDEOTEX you can even communicate with other subscribers nationwide via the "electronic mail" service!



Dow Jones® Information Services. Your "direct line" to Wall Street. Get market quotes — as current as 15 minutes — on listed common and preferred stocks and warrants, corporate bonds, and options. There's also news from *The Wall Street Journal*, *Barron's* and the Dow Jones "broad tape," as recent as 90 seconds, and as far back as 90 days! Detailed financial statistics compiled by Media General Financial Services — including stock price, volume, and fundamental financial indicators — are available for all NYSE and AMEX traded companies, plus 800 over-the-counter traded companies.



® Trademark CompuServe, Inc. ® Trademark Dow Jones & Co., Inc.

Radio Shack's Programming Books Help You Get the Most From Your TRS-80



TRS-80 Assembly Language Programming. Covers microcomputers, hardware, and software. 304 pages. 62-2006

BASIC Computer Programming. Introduction to computers and writing programs. 156 pages. 62-2015

BASIC Computer Language. Self-paced programmed instruction for Level I BASIC quickly gets you into programming. Sample programs. 232 pages. 62-2016

Level II BASIC. Self-study Level II BASIC for the TRS-80 Model I and III. 351 pages. 62-2061

Programming Techniques for Level II. An excellent supplement to Level II BASIC (above). 142 pages. 62-2062

TRS-80 Graphics. Shows how to create computer graphic displays — from line drawings to geometrics to simple moving-figure animation. 142 pages. 62-2063

TRS-80 Programs. 32 fully-documented, ready-to-run programs. 267 pages. 62-2064

Program in Style. Packed with applications for the TRS-80 Level II, plus ideas for creating your own programs. 343 pages. 62-2067

Computer Games. Exciting and challenging games for the Level II TRS-80. 152 pages. 62-2068

Home Computer Programs. Includes finance, automobile-related, kitchen helpmates, tutorial, recreation, more. 330 pages. 62-2069

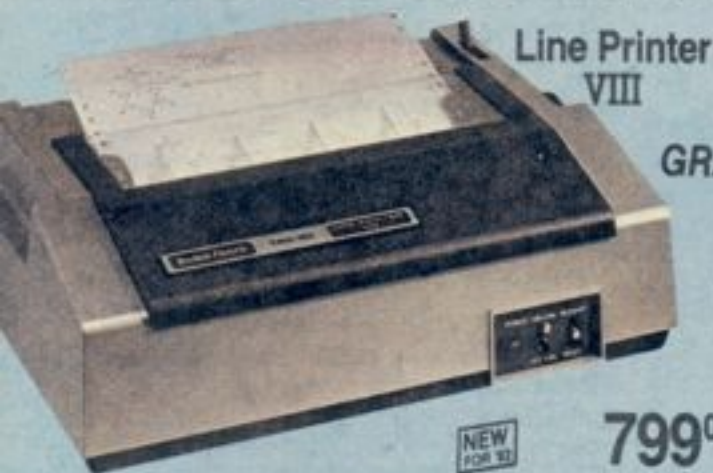
Introduction to TRS-80 Graphics. Discusses line drawings, special graphics characters, pixel graphics, simple animation. 134 pages. 62-2073

Advanced Level II BASIC. Helps you fully utilize the capabilities of the TRS-80 Model I and III. Sample programs and chapter summaries. 250 pages. 62-2072

SOME COMPUTER ITEMS REQUIRE SPECIAL ORDER AT MOST STORES

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Choose One of Our Professional TRS-80® Line Printers



Line Printer
VIII

GRAPHICS!

NEW
FOR '82

799⁰⁰

Here's a compact dot-matrix impact printer with three modes: data processing for effective computer output, word-processing with near letter-quality characters, and bit image for plotting dot addressable graphics and special characters. Features underline, super- and sub-scripts, and character elongation/condensation. The 9-wire head prints a full 80-character line at 23 lines per minute, with two carbons. Uses standard 9½" fanfold, 8½" single sheets or roll paper (holder included). Parallel or serial interface selectable (600/1200 baud). U.L. listed. 26-1168

799.00



Line Printer
VII

399⁰⁰

NEW
FOR '82

Now you can get top quality impact printing at a low cost! Dot addressable graphics allow you to print high-density graphic information. Prints 80 or 40 upper and lowercase characters on an 8" line at 30 characters per second. Uses standard fanfold paper, adjustable to 9½" tractor feed mechanism. Includes parallel and serial interfaces (600 baud). An ideal printer for the TRS-80 Color Computer. U.L. listed. 26-1167

399.00

The All-Business Line Printer V



1860⁰⁰

NEW
FOR '82

*Prints 132 Columns at 10
Characters Per Inch*

Designed for heavy business use. Bidirectional 9-wire head. Adjustable tractor mechanism uses fanfold paper up to 15" wide. Prints 4 character sizes with descenders, plus bold and underline at 60 lpm. U.L. listed. 26-1165

1860.00

Daisy Wheel II Word Processing Printer

1960⁰⁰



*Ideal for Use With
SCRIPSIT™ Word Processing*

Interchangeable 124-character wheel and carbon multi-strike ribbon provide electric typewriter quality. U.L. listed. 26-1158

Tractor Mechanism. 26-1446

Automatic Sheet Feeder. 26-1448

1960.00

289.95

1495.00

TRS-80 Graphics Plotter/Printer



*Uses Easily
Replaceable
Ballpoint Pen*

1460⁰⁰

*Intelligent Plotter
Microprocessor Controlled*

Simple BASIC commands draw solid or dotted lines, rectangles, triangles and arcs. Upper and lower case in 4 sizes at 4 rotations. Uses 7½" roll paper. Also responds to normal PRINT and LIST commands. U.L. listed. 26-1190

1460.00

The Affordable Line Printer VI

1160⁰⁰



- Handsome, Compact Design
- Removable, Adjustable Tractor

Prints a full 132 columns at 33 lpm. Bidirectional 7-wire printhead. Uses 4" to 15" fanfold or single-sheet paper. U.L. listed. 26-1166

1160.00

*Prints Upper/Lower Case,
Graphic Characters and
Special Symbols*

Update Your Business With a TRS-80® Model II System

Another TRS-80
Breakthrough!



Powerful Model II—Your Best Buy In a Desktop Business Computer

- 64,000 Character Internal Memory
- Built-In 8" Double-Density Disk
- Growing Library of Powerful Applications Software

3899⁰⁰

The TRS-80 Model II is our fastest and most powerful microcomputer. The compact desktop unit includes a built-in 8" disk drive with 416,000 characters of storage for programs and data, a high-resolution 12" video monitor that displays 24 lines of 80 upper and lower case characters per line, and a detachable keyboard with a 12-key datapad for fast numerical entry. A comprehensive reference manual accompanies the very powerful disk-based Model II BASIC language and TRSDOS™ disk operating system. A wide variety of ready-to-run software (below) puts you in business fast. Expand with additional disk storage, printers, and much more. U.L. listed.

26-4002 3899.00
32K Model II, 26-4001 3450.00

Store More Data With A Disk Expansion Unit

Expand Your Model II
Storage to 2 Million
Characters

From
1150⁰⁰

For added disk storage, just plug in an external Disk Expansion Unit — available with one, two, or three drives. Each individual drive adds about 486,000 bytes of on-line storage. Added drives let you use our SCRIPSIT™ Word Processing program to print form letters and names from our Mailing List II or Profile II programs. With 2 external drives, you can use any of our 3-Disk COBOL Business Packages for sophisticated accounting capabilities.

1-Drive Expansion System.	
26-4160	1150.00
2-Drive Expansion System.	
26-4161	1750.00
3-Drive Expansion System.	
26-4162	2350.00

TRS-80 8.4-Megabyte Hard Disk System

Compatible With Most
Existing Model II
Software

NEW
FOR '81

4495⁰⁰

Available 12/30/81

Radio Shack's new Hard Disk System is just what you need to store large amounts of data! Approximately 8.4 million characters of data and programs can be stored on a single hard disk system! Most Model II programs will transfer directly, letting you set up a powerful data base management system. Winchester-type technology assures extremely fast access times. For even more capacity, add up to three "secondary" units. Installation required on primary unit only. U.L. listed.

Primary Hard Disk Unit. (Installation req.)	26-4150	4495.00
Secondary Hard Disk Unit.	26-4151	3495.00

Put Model II to Work With Our Professional-Quality Software

See Our TRS-80 Computer Catalog for Additional Software Listings

Model II SCRIPSIT.™ One of the finest word processing systems available at any price! Utilizes user-oriented menus and prompts for easy operation. Stores up to 320,000 characters on one drive. With eight-lesson audio course on cassette tape. 26-4530 299.00

VisiCalc.™ A professional planning and management tool that lets you perform "What if..." calculations quickly and easily. The screen becomes an "electronic spread sheet" that allows you to set up your own particu-

lar application — with headings, formulas and data. As new data is entered, VisiCalc will recalculate and display the updated figures for the entire spread sheet — automatically.

26-4511 299.00
™ Personal Software, Inc.

Profile II. A filing system that makes the largest amount of information available at the touch of a key (word or number). Allows up to 20,000 individual records to be stored, reviewed or updated. Keeps

track of names and addresses, accounts, bills owed and paid, and other files and records. Prints up to five user-defined labels for each file. Multi-parameter sort, multi-key search. Stores up to 3000 single segment records on a single drive, up to 20,000 with extra drives. 1800 multi-segmented records when using extra drives. 26-4512 179.00

General Ledger.	
26-4501	199.00
Inventory Management.	
26-4502	199.00

Payroll.	26-4503	399.00
Accounts Receivable.	26-4504	299.00
Accounts Payable.	26-4505	299.00
Mailing List II.	26-4507	119.00
FORTRAN.	26-4701	299.00
COBOL Development	26-4703	299.00
Compiler BASIC.	26-4705	199.00
Series I Editor/Assembler.	26-4713	49.95

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A Whole World of TRS-80® Expansions and Accessories



NEW FOR 82

Low-Cost Telephone Modem I

149⁰⁰ Connects Directly to Phone Line For Computer Communications

Full duplex, 300-baud through RS-232, or half duplex through cassette port of 16K Level II TRS-80 Model I (software req'd.) FCC approved. U.L. listed. (Not for multi-line use.) 26-1172 149.00



NEW FOR 82

Plug 'N Power™ Controller

39⁹⁵ Low-Cost 24-Hour Control Of Lights and Appliances

Lets your TRS-80 Model I, III or Color Computer control up to 256 devices through existing AC wiring. Requires Remote Modules (sold separately—see page 76.) U.L. listed. 26-1182 39.95

TRS-80 Blank Diskettes and Tapes



***New Low Disk Prices** Digital Cassette Tape.
C-20. 26-0301 3.69
C-10. 26-0302 1.79

Diskette Size	Pkg. of	Cat. No.	Price
5 1/4"	1	26-0305	4.95*
5 1/4"	3	26-0405	13.95*
5 1/4"	10	26-0406	38.95*
8"	1	26-4905	7.90
8"	10	26-4906	59.95*



NEW FOR 82

TRS-80 Digitizer

449⁰⁰ • Connects to RS-232
• 11x17" Working Area

Now you can input coordinates from maps, charts and drawings quickly, easily. Point and continuous modes. Includes software for basic applications. U.L. listed AC operation.

26-1195 449.00



Handy Diskette File Boxes

NEW FOR 82

Holds Ten 5 1/4" Diskettes

3⁹⁵

Holds 60 5 1/4" Diskettes

29⁹⁵



Here's a convenient and attractive way to store, catalog and protect your diskettes. The 10-diskette library cases feature pop-up design that makes it easy to see the disks. Includes ID label.

5 1/4" Diskette Case, 26-1452 3.95

8" Diskette Case, 26-4952 4.95

If you have lots of disks to keep track of, our larger desktop box is for you! Each holds 60 diskettes. Index dividers for easy retrieval.

5 1/4" Diskette Box, 26-1453 29.95

8" Diskette Box, 26-4953 39.95

- A** Universal Binder. Padded brown, leather look deluxe binder. 26-1310 5.95
- B** Disk Envelopes. For convenient, safe storage.
- C** 5 1/4" 26-0510 Pkg. 10/7.95
- D** 8" 26-4907 Pkg. 10/7.95
- E** Cassette Tray. (For 3-ring binder.) Holds 6 cassettes. 26-1311 Pkg. 2/4.95
- F** Labels. Smear-resistant writing surface. Peel off for reuse of media.
- G** 5 1/4" Disk, 26-0306 Pkg. 100/1.95
- H** Cassette 26-0303 Pkg. 100/1.95
- I** 8" Disk, 26-4908 Pkg. 100/1.95



A Anti-Glare Screen. Reduces surface glare from your monitor that can cause eyestrain and fatigue. 26-0511 16.95

B Anti-Static Spray. Just spray on carpet to eliminate problem-causing static. 26-0515 5.95

C 132-Column Printout Tray. Holds 14 1/2" printouts, stacked neatly. No damage to paper from trying to fit an 11" tray. 26-1309 6.95

D Logic Flowchart Template. Allows faster development of program flowcharts, more precision. 26-1312 3.95

E Dataline Ruler. Yellow highlight and magnifying strip allows accurate reading of data printouts. 10 and 12 cpi scales. 26-1313 2.95

Diskette Head Cleaning Kits



NEW FOR 82

29⁹⁵

Clean dirty drive heads easily, safely. Apply solution to special cleaning disks, and run in drives for 30 seconds. Includes two disks, one bottle solution.

5 1/4" Diskettes, 26-0407 29.95

8" Diskettes, 26-4909 29.95

TRS-80 Model I Accessories



***New Low Prices!** **299⁰⁰**

Expansion Interface

Allows you to add memory, drives, printer to Model I.

0 RAM, 26-1140 299.00

16K RAM, 26-1141 398.00*

32K RAM, 26-1142 497.00*



Mini Disk Drives

499⁰⁰

Connect to Expansion Interface.

Drive #1, 26-1160 499.00

Drive #2, 26-1161 499.00

RS-232C Interface Board, 26-1145 99.00



Power Line Filter

49⁰⁰

Limits AC power line interference to your Model I and accessories. Effective dual-section design. 8 outlets controlled by single switch. U.L. listed. 26-1451 49.00

The Growing Library of TRS-80 Model I & III Software



Business Packages

Full Documentation — Ready-to-Run,
Easy-to-Use Programs Designed to
Save Time and Money

Program	Requires*	Cat. No.	Each
LEVEL II Cassette Payroll	II	26-1504	49.95
SCRIPSIT™ Cassette	II	26-1505	39.95
General Ledger I	Disk	26-1552	99.95
Inventory Control	Disk	26-1553	99.95
Accounts Payable	Disk	26-1554	149.95
Accounts Receivable	Disk	26-1555	149.95
Disk Payroll	Disk	26-1556	199.95
Business Mailing List	Disk	26-1558	99.95
Manufacturing Inventory Control	Disk	26-1559	199.95
Fixed Asset Accounting	Disk	26-1560	79.95
SCRIPSIT Disk	Disk	26-1563	99.95
Medical Office System	Disk (48K, 4-Drive)	26-1568	299.00
PROFILE	Disk	26-1562	79.95
Microfiles	Disk	26-1565	99.95
VisiCalc® Model I	Disk	26-1566	99.95
VisiCalc Model III (Enhanced)	48K, Disk	26-1569	199.00
Real Estate I	II	26-1571	29.95
Real Estate II	II	26-1572	29.95
Real Estate III	II	26-1573	29.95
Real Estate IV	II	26-1574	29.95
Real Estate V	II	26-1575	29.95
Surveying	II	26-1577	49.95
Project Manager	48K, Disk (11/30/81)	26-1580	99.95
Personnel Manager	48K, Disk (11/30/81)	26-1581	99.95
Time Manager	48K, Disk	26-1582	99.95
Real Estate Finance	Disk (Mod III Only) (10/01/81)	26-1579	99.95
Advanced Statistical Analysis	II, Disk	26-1705	39.95

*TM Personal Software Inc.



Personal/Financial

Valuable Programs Designed
To Help Keep Track of Your
Budgets and Investments

Program	Requires*	Cat. No.	Each
Cassette Portfolio	II	26-1506	29.95
Standard & Poor's STOCKPAK System	Disk	26-1507	49.95
In-Memory Information	II	26-1508	19.95
Trendex Stock Market Trend Analysis	II, Disk	26-1509	49.95
Personal Finance LEVEL I	I	26-1602	14.95
Budget Management	II, Disk	26-1603	19.95
Cassette Mailing List	II	26-1503	19.95

*PROGRAM REQUIREMENTS LEGEND:

I = 4K LEVEL I System

II = 16K LEVEL II or Model III BASIC

Disk = 32K, 2 Disk System

All programs will work on Model I or III unless otherwise noted.

**Model III version included
after 10/30/81.



Exciting Games

Great Entertainment! Each
Program Offers Hours of Fun
For the Entire Family!

Program	Requires*	Cat. No.	Each
Astrology	II	26-1605	29.95
I.Q. Builder	I, II	26-1706	29.95
Quick, Watson	I, II	26-1802	4.95
Casino Games Pack	II	26-1806	19.95
Microchess	I (Mod III only), II	26-1901	19.95
Micro Music	I, II	26-1902	9.95
Micro Movie	I, II	26-1903	9.95
Micro Marquee	I, II	26-1904	4.95
Flying Saucers	I, II	26-1905	9.95
Invasion Force	II	26-1906	14.95
Checkers 80	II	26-1907	9.95
"Eliza" Artificial Intelligence	I, II	26-1908	14.95
Pyramid	II	26-1909	14.95
Haunted House	I, II	26-1910	9.95
Dancing Demon	II	26-1911	9.95
Space Warp	I, II	26-1912	14.95
Paddle Pinball	II	26-1914	9.95
Raaka-Tu™	II	26-1915	14.95



Programming Languages And Utilities

Learn the Basics, Then Put These
Powerful Packages to Work for You

Program	Requires*	Cat. No.	Each
DEBUG	I, II	26-2000	19.95
LEVEL I BASIC Course	I	26-2003	12.95
Model III BASIC Course	Disk (Mod III only)	26-2010	29.95
Series I Editor Assembler	I (16K), II	26-2011	29.95
Assembly Language Development System	Disk (48K) (10/15/81)	26-2012	149.00
Series I Editor Assembler	Disk	26-2013	34.95
Model III Disk Course	Disk (Mod III Only)	26-2014	29.95
FORTRAN**	Disk	26-2201	99.95
COBOL	Disk (48K)	26-2203	199.00
Compiler BASIC	Disk (48K)	26-2204	149.00
Tiny PASCAL	II (Mod I only)	26-2009	19.95
Model III BASIC Inst. Tape	Model III BASIC (10/15/81)	26-2015	24.95



Educational Courseware

Radio Shack is dedicated to providing complete support to the education community. Our courseware (software that is designed to teach) is developed with the expert assistance of educators and administrators.

Program	Requires*	Cat. No.	Each
Advanced Graphics	II	26-1714	29.95
K-8 Math (Vol. I)	II	26-1715	199.00
Essential Math (Vol. I)	II	26-1716	199.00
AlphaKey™	II	26-1718	39.95
Euclid Geometry Tutor	II	26-1724	39.95
Quick Quiz: Mini-Authorizing System	Disk	26-1728	29.95
Part 1: Introduction to BASIC	II	26-2150	159.00
Part 2: BASIC Programming	II	26-2152	199.00

SEE YOUR NEAREST PARTICIPATING RADIO SHACK OFTEN FOR THE LATEST IN SOFTWARE RELEASES

173

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Get Started in Computing With a TRS-80® Model III



- Compact, Self-Contained Desktop Unit
- Easy Internal Expansion
- Compatible With Most Model I Software
- 65-Key Keyboard With 12-Key Datapad
- High-Resolution 12" Monitor
- Displays 16 Lines of 64 Characters
- Built-in Printer Interface

Priced From
699⁰⁰

4K Level I BASIC

Expansion covers simulate disk drives

4K Level I BASIC. The affordable personal computer that's perfect for beginners—it's easy to use, and hard to outgrow! Features 4000 characters of internal memory, a typewriter-style keyboard, and a 12-key datapad for fast numerical entry. Displays crisp, upper case characters. Expand with more memory (up to 48K), a printer, and up to four disk drives—two internal and two external! With an optional cassette recorder you can use our ready-to-run programs or write your own programs in easy-to-learn Level I BASIC. Floating decimal point, 6-digit numeric accuracy, single-dimension arrays, limited string variables, and more. Easy-to-follow manual. U.L. listed. **26-1061 699.00**

16K Model III BASIC. For more advanced applications, start with 16K memory and powerful Model III BASIC. Get all the features above, plus 32 or 64 upper and lower case characters per line, repeating keys, a real time clock, and fast 1500-baud and 500-baud (to use most TRS-80 Model I, Level II programs) cassette loading. There's 16-digit numeric accuracy, multi-dimension arrays, comprehensive string variables, a program line editor, and more. Includes software for an optional RS-232 communications interface. With manual. U.L. listed. **26-1062 999.00**

Expand Model III Easily as Your Needs Increase!

- Model III BASIC ROM and 16K RAM Kit.** Upgrade 4K Level I to 16K RAM plus advanced Model III BASIC. **26-1121 299.00**
- 16K RAM Kit.** Add more memory to your Model III. Up to 48K of internal memory with additional kits. **26-1102 99.00**
- RS-232 Serial Interface Kit.** Lets you use serial devices such as a modem to communicate with other computers over the phone. Includes cable. **26-1148 99.00**
- RS-232 Communications Software Package.** Telephone communications program. Requires RS-232 (above) and modem. **26-1149 39.95**
- Model III System Cover.** **26-0506 7.95**
- Computer upgrade kit prices do not include required installation charges.

Get the Most From Your Model III


CTR-80A Recorder
Stores Programs And Data On Cassettes



59⁹⁵

Includes cable. U.L. listed AC operation or 4 "C" batteries (not incl.).
26-1206 59.95
Cable only. **26-1207 5.95**

Getting Started With TRS-80 BASIC
Radio Shack



TRS-80 Sourcebook



Over 2300 Program Listings

2⁹⁵

A must for TRS-80 users. Describes programs available for business, education, home and other applications.
26-2114 2.95

TRS-80 Model III Reference Books

Low As **5⁹⁵** It's Easy to Learn About Computing!

Getting Started With TRS-80 BASIC. Written for the beginning programmer in an entertaining style. Includes sample programs and exercises. 300 pages. **26-2107 6.95**

Model III Disk System Owner's Manual. **26-2111 6.95**

Model III Reference Manual. **26-2112 5.95**

Video Program Worksheets. **26-2105 Pkg. 100/3.95**



TRS-80 Model III "Starter" System

Complete System Price **1496⁹⁵** Includes Everything You Need to Start Computing!

You'll find hundreds of uses for this system—from education to engineering to entertainment. Features the 16K TRS-80 Model III (26-1062, \$999) with powerful Model III BASIC. Save programs and data on tape or use our pre-recorded software with the CTR-80A Cassette Recorder (26-1206, \$59.95). Print high-density graphics and alphanumeric characters with the affordable Line Printer VII (26-1167, \$399) and Printer Cable (26-1401, \$39).

RETAIL PRICES IN THIS CATALOG MAY VARY AT INDIVIDUAL STORES AND DEALERS

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TRS-80® Model III Desktop Business Computer — Now With 48K RAM!

- 48,000-Character Internal Memory
- Two Double-Density Disk Drives With 306,000 Characters of Disk Storage Space
- RS-232 Communications Interface
- Parallel Printer Interface

2495⁰⁰
48K 2-Disk Model III

Model III Desktop Business Computer. Now you get a full 48K of internal memory — at last year's low 32K price! Its powerful features make it ideal for many business applications. The high-capacity, double-density disk drives store and provide immediate access to large amounts of data — approximately 175,000 bytes of storage per disk. You can even add one or two external disk drives for a total of up to 656,000 bytes of storage space. You get the same features of our 16K Model III system — 12" high-resolution monitor with upper and lower case characters, 65-key keyboard with 12-key datapad, and powerful Model III BASIC programming language. Of course, with our business software, you don't have to write programs unless you want to! Just add a printer (printer interface included) to computerize your accounting, inventory, and mailing lists in no time. Or use Model III for word processing, financial planning, even "electronic filing." The built-in RS-232 Serial Communications Interface lets your Model III "talk" to other computers over the phone —



Get 16K More Memory At Last Year's Price!

just add a telephone modem and cable (below). The TRS-80 Model III means business — see it today! Complete with comprehensive instruction manuals and TRS-80 Disk Operating System software. U.L. listed.

26-1066 2495.00
Model III RS-232 Cable, 26-1408 19.95



48K 2-Disk Business System

Complete System Price **3972⁰⁰** An Ideal Total System for The Small Business Office

The 48K 2-Disk Model III Desktop Business Computer (26-1066, \$2495) forms the heart of this powerful office system. The 132-column Line Printer VI (26-1166, \$1160) with Printer Cable (26-1401, \$39) prints upper and lower case in four sizes at 33 lines per minute. Our System Desk (26-1305, \$179) gives you plenty of work room, and the Printer Stand (26-1308, \$99) puts the printer right at your fingertips. With this system, doing business was never so affordable!

Make Your TRS-80 Even More Versatile



Model III System Desks

Low As **65⁰⁰** • Attractive • Sturdy

A Space-Saver Desk. The perfect low-cost desk for personal and school use. Unassembled. 27x37½x23½" 26-1307 65.00

B System Desk. Contemporary-style for office use. Unassembled. 27x48x27" 26-1305 179.00

Disk Bay. Attaches underneath Model III System Desk (above). Holds two external disk drives. 26-1306 29.00



Model III Disk Drives

Low As **399⁰⁰** Vastly Increase Storage Capacity

External Drives.
Disk Drive 3, 26-1164 499.00
Disk Drive 4, 26-1161 499.00

Internal Kits.
Disk Drive 1, Includes TRSDOS and Disk BASIC, 26-1162 849.00

Disk Drive 2, 26-1163 399.00
Kits require installation (not included)

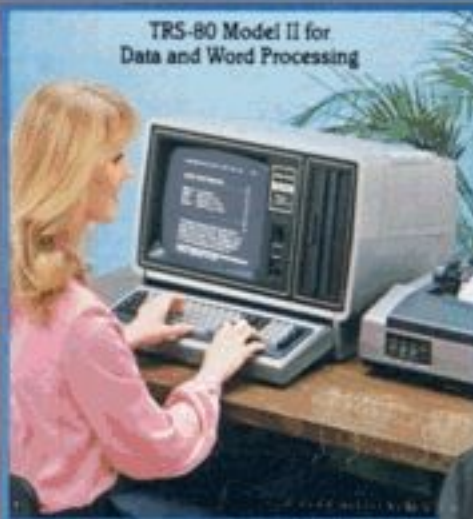
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Our TRS-80[®] is the Leader in Personal Computers! More Value • Nationwide Service • Complete Line



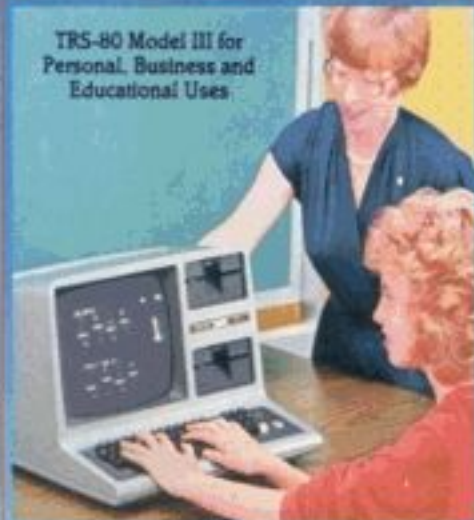
TRS-80 Color Computer
For the Whole Family



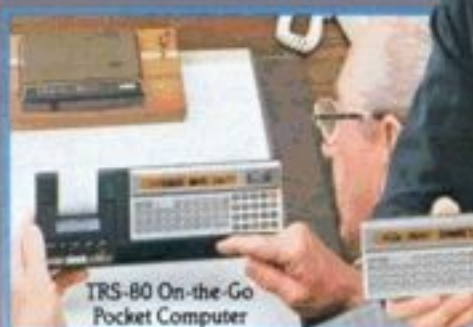
TRS-80 Model II for
Data and Word Processing



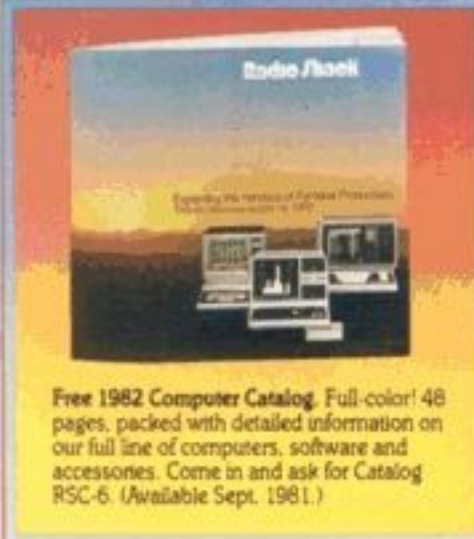
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