Radio Shack

1983 TRS-80 CATALOG

THE BIGGEST NAME IN LITTLE COMPUTERS • 1983 TRS-80 CATALOG

Radio Shack®

THE BIGGEST NAME IN LITTLE COM[

PUTERS® • 1983 TRS-80® CATALOG

Why Radio Shack is the Plac

Radio Shack started a microcomputer revolution with the introduction of the first TRS-80. Today, we continue as the industry leader by bringing you the broadest line of microcomputers available. We have over 400 Radio Shack Computer Centers nation-wide, staffed by professionals who can help you select just the system you need.

High Performance, Yet Low Cost

Each computer in our line starts at much less than you would expect to pay for its powerful capabilities and features. The reason is simple: economies of scale and our own manufacturing facilities make ev-ery TRS-80 model a tremendous value.

It's Easy to Expand a TRS-80 Computer

You can enjoy the TRS-80 computer system you need right now, without having to pay for "more computer" than you will use. Later, as your needs grow or change, you can add more capacity through accessories and expansion options. You can pur-chase a TRS-80 with full confidence that it can expand to meet tomorrow's requirements.

Wide Selection of Softw

We offer more ready-to-ru microcomputer manufactu of personal programs and sionals can use our softw casting, engineering Educators appreciate our f there's much, much more

Complete Line of Acces

We have a full line of perip complement your TRS-8 matrix and formed-charac and digitizers, external f drives for increased capac communications, plus acc help you get the most fro

Leasing Plans

We offer a 37-month leas ued over $1500. And sin ments may be fully tax expense.

e to Shop for Your Computer

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...n software than any other
...urer. Choose from a variety
...d problem-solvers. Profes-
...vare for accounting, fore-
...and word processing.
...full line of courseware. And
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...ssories

...pherals and accessories to
...0 computer: quality dot-
...cter printers, color plotters
...oppy disk and hard disk
...city, modems for telephone
...essories and supplies that
...m your TRS-80 system.

...e plan for any system val-
...ce it is a true lease, pay-
...deductible as a business

Service Agreements

Over 275 company-operated repair centers nation-
wide service only our computers. We also offer
"Carry-In" and "On-Site" service. And our Customer
Service Representatives will help you with any after-
the-sale questions or problems.

Technical Hotline

Help is just a phone call away. The experts in our
Computer Services Department will assist you with
any TRS-80-related question you might have.

TRS-80 Newsletter

This monthly publication is packed with operating
tips, product news and tutorials, plus programs and
ideas from TRS-80 users.

The Best Support

Over 8700 outlets worldwide stock our TRS-80
equipment. So stop by your nearest Radio Shack
store, Computer Center, or participating dealer for a
hands-on demonstration today!

Choosing the Right TRS-80 Co

Ours is the broadest line of small computers in the world. Most contain BASIC langu
Read-Only Memory). Models 12 and 16 load their languages from disk. Random A
temporary storage for programs and data, and can vary from 1.9K (1,900) to over 53I
byte can be considered one typewritten character. You will see reference to the vi
80 × 24 or 32 × 16. This means 16 lines of 64 characters per line, 24 lines of 80 chara
those explanations, here's an overview of our computer line.

TRS-80 Model 16—The Most Powerful TRS-
Our top-of-the-line single or multi-user computer. Attach tv
and you can run three jobs (such as billing, inventory, an
ously using common data files on hard disk. Note: Mode
Model 16, but not in the multi-user mode. Expanded m
spreadsheet-oriented planning and forecasting. Loads la
onds—an advantage when using various languages. 8
128K to 512K. Disk storage 1.25Mb to over 53Mb.

TRS-80 Model 12—A Versatile, Multi-Purpos
Our best single-user multi-purpose workstation for busine
accounting, inventory control, management planning, wo
synchronous communications to your mainframe. It's affo
easily to full Model 16 capabilities. 80 × 24 screen, men
storage from 1.25Mb to over 53Mb.

TRS-80 Model III—The Ideal Personal Com
A disk-equipped Model III is the perfect compact syster
for planning, filing, communication, time management
economically-priced cassette Model III to learn program
engineering uses. Cassette Model IIIs upgrade easily
memory 16K to 48K. Disk storage 175K to over 20Mb.

TRS-80 Color Computer—Hard-Working an
Attach it to any TV, and you have a very powerful, expanda
used for forecasting, word processing, budget managem
entertain your family. You won't "give up" computing capa
home computer. 32 × 16 screen, memory 16K to 32K. Sto
able to 626K on disks.

TRS-80 Pocket Computers—Pocket-Sized
For the on-the-go business or professional person with pro
two powerful pocket computers. Our store personnel can
are printers for each—one even has four-color graphic
language. Memory .54K to 10.6K. Cassette program/da

www.RadioSha

mputer

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-80 Ever

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30 × 24 screen, memory

se Workstation

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nory 80K to 768K. Disk

mputer for Managers

m for an executive. Use
and more. Choose an
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ability with this affordable
rage is cassette, expand-

Problem-Solvers

oblems to solve. We offer
help you choose. There
s plotting. Uses BASIC
ta storage optional.

Quantity Discounts

Product	6-11 of 1 item	12-49 of 1 item	50-499 of 1 item	500-Up of 1 item
Software, Books, Accessories, Ribbons, Paper	10%	15%	17%	20%
Pocket Computers, Color Computers, Printers, Peripherals	5%	10%	15%	20%
Model III Cassette Computers	5%	7%	10%	15%
Model III Disk Computers, Model 12 and 16 Computers	5%	10%	(See store manager for quantities over 20)	

For discounts on diskettes and cassettes, see page 42.

ckCatalogs.com

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Power

superior performance in a
Now complex computing
d with ease.

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d around a state-of-the-art
at accepts 16-bit data and
32-bit "words." A second
0A—handles input/output
chores." This permits the
nore memory and process
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K bytes of Random Access
e expanded in 128K steps

Software Compatible with Model II/12

Dual-processor design permits the Model 16 to operate as a TRS-80 Model II/12 and use existing Model II/12 software. That means a large library of ready-to-run programs is available now. (Model II/12 software can operate in the single-user mode only.) In addition, we're building a new library of software designed to take advantage of Model 16's advanced features.

Expandable

Model 16 features two RS-232C serial communication interfaces and a parallel printer interface which allow expansion with a printer, plotter, digitizer, modem and more. A hard disk port can be added to use from one to four 12-megabyte Hard Disk Drives.

Deluxe Features

Model 16 includes a high-resolution 12" green video display with 24 lines of 80 characters, and a detachable typewriter-style keyboard with numeric keypad and two special function keys. And you can choose a Model 16 with one or two built-in 8" slim-line disk drives.

Multi-User Capability

Model 16 is so advanced it can become the hub of a multi-user office system (see page 5). One or two low-cost terminals, like our TRS-80 DT-1 (see page 30), can simultaneously access different programs on the Model 16—without any perceived loss of performance.

128K 1-Disk TRS-80 Model 16.
26-6001 . . . . 4999.00
128K 2-Disk TRS-80 Model 16.
26-6002 . . . . 5798.00

Who Is the Model 16 for?

Anyone who wants the most advanced microcomputer technology at their disposal needs the TRS-80 Model 16. It's ideally suited for today's offices, providing simultaneous job-handling *without* the expense of multiple computers. It offers the high operating speeds and large memory capacity that many business users require. And it can handle complex, computation-intensive jobs and highly sophisticated programs that only a 16-bit computer can.

.com

TRS-80 Model 16 Specifications

Microprocessors: 6 MHz MC68000 16/32-bit CPU and 4 MHz Z-80A 8-bit CPU. Direct memory access and vectored interrupts. Memory management includes protected system mode and three user spaces. *Memory:* 128K RAM bytes, expandable to 512K. 16K I/O memory and 2K video memory. *Keyboard:* 76-key professional-type, including Numeric Entry Keypad. Special Keys include HOLD, ESCape, BREAK, CTRL, CAPS and REPEAT, plus Up, Down, Right and Left arrow keys and two programmable Special Function Keys (F1 and F2). *Video Display:* High-resolution 12" green display monitor with 80 or 40 characters per line by 24 lines. Displays upper and lower case characters with descenders, plus 32 "business graphics" characters. Automatic scrolling. Partial screen scroll protect available. *Disk Drive:* One or two built-in double-sided, double-density 8" slim-line floppies. Add up to two 1.25-megabyte external floppies and four 12-megabyte hard disks. *Internal Expansion:* Two plug-in card slots. *External Connections:* One standard parallel port and two RS-232C serial ports. *Dimensions:* 14 x 21¹/₄ x 23¹/₂". *Power Requirements:* Built-in filtered power supply for 120VAC, 60 Hz. U.L. listed.

Model 16 Single-User Operating System

The Model 16's operating system is virtually "library command" compatible with our popular TRS-80 Model II TRSDOS, and includes an Editor/Assembler package for assembly language program development in single-user applications.

Replacement Diskette Only. 26-6105 . . . . 39.95
Model 16 Manual Set. Set of three books. Included with Model 16 computer. 26-6040 . . . . 75.00

Thin-Line Disk Bays

For Model 16 And Model 12

1-Drive
1299⁰⁰

2-Drive
2098⁰⁰

Expand your on-line ca
External Floppy Disk Exp
adds 1.25 megabytes of da
The drives are double-side
8" floppies resembling tho
and Model 12 computers.
drive unit and expand to a
by adding the Disk Drive

1-Drive Unit. 26-4165 . . .
2-Drive Unit. 26-4166 . .

New! TRS-XENIX™ Multi-User Operating System

TRS-XENIX is derived from the powerful UNIX™ operating system developed by Bell Laboratories. UNIX has been extensively field-tested for the past decade and has demonstrated outstanding performance under heavy workloads. The TRS-XENIX "core" or runtime package includes the modules required to set up and operate a multi-user system. It includes a hard disk initialization routine, a text editor for modifying the parameters of the system, utilities to transfer files from TRSDOS diskettes, RUNCOBOL to support our COBOL software, and full password protection. Current Model 16 COBOL software will be made available in multi-user versions, so that all current Model 16 users will have an upgrade path. The TRS-XENIX operating system is designed only to run software in a multi-user environment (see page 17 for our new TRS-XENIX multi-user development system). TRS-XENIX and manual are included with the Model 16 computer and Model 16 Upgrade Kit. (Multi-user system requirements are described at right.)

It's
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Now you can get the
office system with the
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workstation. As mult
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two DT-1 terminals at
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programs can be runn
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www.RadioSha

Note: 3 users with large prog

Expansion Options

Internal Memory Expansion. The Radio Shack Model 16 comes complete with a 128K-byte Random Access Memory (RAM) board as a standard feature. This board can accept an additional 128K RAM "chip kit" at any time—expanding internal memory to 256K bytes. Another 128K memory board may then be added, complete with the provisions to add still another 128K chip kit, for a total of 512K bytes—over one-half million characters of internal memory.

128K Memory Board. 26-6011 . . . . 699.00*
128K Memory Kit. 26-6012 . . . . 499.00*

pacity with one or two
ansion Units. Each drive
ata and program storage.
d, double-density, thin-line
se built into the Model 16
You can choose the one
second drive at any time
Kit (26-4167) at right.
. . . . 1299.00
. . . . 2098.00

Internal Disk Expansion. You can add a second disk drive to a single-drive TRS-80 Model 16 (or Model 12) at any time, and have a total of 2.5 million characters of high-speed "on-line" disk storage on interchangeable 8" floppy diskettes. Each double-sided, double-density disk drive is enclosed in the Model 16's (or Model 12's) case, and each provides 1.25 million characters of disk storage for user programs, data files and the Disk Operating System.

Disk Drive Kit. 26-4167 . . . . 799.00*
*Price does not include required installation.

Easy to Set Up a Multi-User System
ng the DT-1 and the TRS-80 Model 16

efficiency of a multi-user
powerful Model 16 as the
DT-1 terminal as a remote
i-user software becomes
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remote lo-
e different
ing simul-
Model 16,

without any perceived loss of performance. One remote DT-1 user can be entering inventory figures, and another accessing a data base management system—while the Model 16 operator is running a payroll program! The multi-user operation requires a Model 16 with 256K* memory, hard disk, 1 or 2 terminals, cable and connectors.

Multi-User System

10,590⁷⁰

Includes 1-Disk TRS-80 Model 16 (26-6001) with 128K Memory Kit (26-6012), 12-megabyte Hard Disk (26-4152), two DT-1 Terminals (26-6050), and 25-foot cable assemblies.

grams may require 384K.

5

Introducing the New Standard

Priced From **3199⁰⁰** With 1 Disk Drive

- Big 80K Memory Handles Tough Jobs Easily
- One or Two Built-In 1,250,000-Character Double-Sided, Double-Density 8" Disk Drives
- Detachable 82-Key Keyboard with Numeric Datapad and Eight Function Keys
- Built-In 12" High-Resolution Green Monitor Displays 24 Lines of 80 Characters
- Two RS-232C Serial Interfaces and Parallel Printer Port for Easy Expansion
- Choose Ready-to-Run Business Programs
- Compatible with All Model II Software
- Expandable to Over 48 Million Characters of Program and Data Storage on Hard Disks
- Upgrade to 16-Bit Power and 768K Memory

TRS-80 Model 12 is Radio
business microcomputer.
purpose workstation that
low cost. That makes it th
less applications.

Accounting

Model 12 has the storage
to streamline general ledg
receivable, inventory co
and other tasks for increa
can prepare P&L stateme
improve your cash flow,
and more. Our user-orient

Program Development

We offer a choice of Mo
your specific requiremen
Interpretive BASIC, we ha
TRAN, Assembler, and C

in Small Business Computers

o Shack's new single-user
It's a stand-alone multi-
combines high power with
e right computer for count-

capacity and expandability
ger, accounts payable and
ntrol, order entry, payroll
sed speed and accuracy. It
nts, speed up collections,
analyze sales information,
ed programs make it easy.

del 12 languages to meet
ts. In addition to Model II
ve Compiler BASIC, FOR-
OBOL.

Management Assistant

Model 12 is an ideal choice for departmental use in large businesses, too. It lets you do jobs too "hot" for shared computer time or too small for cost-effective handling by your company's mainframe. Model 12 can help with planning and forecasting, word processing, electronic filing, analysis and more.

Bi-Sync Communications

The Model 12 is ideal for use in existing data processing environments because it offers the versatility a mere terminal lacks. With our bi-synchronous communications packages, Model 12 provides low-cost access to mainframe computers.

Easy Expansion

You can use Model 12 by itself or with a variety of peripherals. Add external disk drives (see page 5), a printer, plotter, digitizer, modem and more. The one-drive Model 12 is perfect for expansion to a hard disk system. The two-drive Model 12 is ideal for stand-alone use.

Comes Complete

Includes a comprehensive reference manual and a diskette that contains Model 12 BASIC and TRSDOS operating system. U.L. listed.

1-Disk TRS-80 Model 12. 26-4004 . . . . . 3199.00
2-Disk TRS-80 Model 12. 26-4005 . . . . . 3999.00

Who is the Model 12 for?

The TRS-80 Model 12 is our best single-user business computer—ideal for professional applications. Its versatility and power in handling word processing, data base filing, planning and accounting tasks make it the logical business machine choice. The Model 12 is also the ideal workstation for large corporations. It can be used as a management assistant, in program development, even for bisynchronous communications with mainframe computers.

An Inside Look at the TRS
Model 12 Microcomput

Model 12's compact, desktop cabinet includes one or two built-in 8" disk drives, high-resolution 12" green video display, and a detachable low-profile, typewriter-style keyboard. The double-sided, double-density disk drive provides 1.25 million characters of storage for programs and data. The keyboard is easy to use because "special" keys have been kept to a minimum except for eight programmable function keys (F1 through F8). For quicker and more accurate numeric input, a calculator-type keypad with its own ENTER key is provided. The screen displays 24 lines of 80 upper and lower case characters. Double-width characters—40 per line—and reverse characters can also be program-selected.

Model 12
Specifications

Microprocessor: Z-80A 8-bit processor. Clock speed, 4 MHz. Separate keyboard and video processors. Direct memory access and vectored interrupts for faster throughput.

Memory: 80K RAM. "Bootstrap" ROM is bank-switched out after "boot" startup. Includes power-up diagnostics.

Keyboard: 82-key professional-type including numeric entry keypad. Special keys include HOLD, ESCape, BREAK, CTRL, CAPS and REPEAT. Up, Down, Right and Left arrow keys. Eight programmable Special Function keys (F1-F8).

Video Display: High-resolution 12-inch green phosphor monitor with 80 or 40 characters per line by 24 lines. Displays upper and lower case characters with descenders, plus 32 "business graphics" characters. Automatic scrolling. Partial screen scroll protect available.

Disk Drive: One or two built-in dual-density 8" floppies, up to two more available in optional external Disk Expansion Unit. Up to four optional 12-megabyte Hard Disk Drives. Maximum system—4 floppy disks and 4 hard disks.

Internal Expansion: Optional Model 12 Card Cage (requires installation) provides six additional plug-in card slots.

External Connections: One standard parallel port, two RS-232C serial communications ports, one external disk bay port.

Dimensions: $13^1/_2 \times 21^1/_2 \times 28^1/_8$".

Power Requirement: Built-in filtered power supply for 120VAC, 60 Hz.

Model 12 System So

"User-Oriented" Model

TRS-80 Model 12 BASIC is based interpreter, and f flagging and quick editing easy for program developr

Some of the outstanding fea are advanced string han dimensional arrays, error renumbering, hex and c and sequential access to c execute most TRSDOS c BASIC with program and functions to allow BASIC p language subroutines and errors.

Command compatibility wit has been maintained to the for those who decide to m speed and capability of Mo to run under TRSDOS, bo with Model 12.

TRSDOS—TRS-80 Disk

TRSDOS ("Triss-Doss") is disk operations of the TRS prehensive system with ma the programmer, yet is very "transparent" to the non written software. TRSDOS brary commands, utility pr system routines that can b programs. It occupies spac and is automatically load power-up. The System disk TRSDOS User's Guide a 3-ring binder.

TRSDOS 4.2 Replacemen or 16. Includes BASIC. 26-

TRSDOS 2.0 Replacem BASIC. 26-4910 . . . . . .

S-80
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oftware

12 BASIC

s a full-featured 17K disk-
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ment and debugging.

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Operating System

the system that manages
-80 Model 12. It's a com-
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y easy to use and virtually
programmer using pre-
s provides a full set of li-
ograms and many useful
be called directly by user
ce on the system diskette
ed for use after system
kette and comprehensive
re included in a deluxe

t Diskette. For Model 12
-4912 . . . . 24.95
ent Diskette. Includes
. . . . 24.95

New! Model 12 Card Cage

199⁰⁰

Mounts Inside Model 12's Case

The new Model 12 Card Cage gives the TRS-80 Model 12 computer tremendous expansion flexibility. The Card Cage provides six plug-in slots for inserting our optional expansion boards. That means you can tailor your system at any time to the power and capability you need. For example, you can add our powerful Model 16 Upgrade Kit for true 16/32-bit processing and perform complex computing tasks with ease. Memory options can then be added to the Model 16 Kit for up to 768K. You can generate larger planning spreadsheets with the VisiCalc® Memory Expansion Board (and Enhanced VisiCalc program). Create amazingly detailed on-screen charts and graphs to simplify rows of numerical data with our High-Resolution Graphics Board. Access door on back of the "cage" for easy installation. (Card Cage and optional expansion boards require installation, not included.)

Model 12 Card Cage. 26-6017 . . . . . . 199.00

TRS-80 Model II/12 To Model 16 Upgrade Kit
1499⁰⁰

Get a 16-Bit CPU—Up to 512K Memory

This Enhancement Option includes installation of two boards. One contains the MC68000 16-bit microprocessor. The other is a 128K memory board, which can be upgraded to 256K. That's one-quarter-million characters of on-line memory directly available for use by the MC68000. Your Model II will be just like a Model 16, but using your existing video and disk drive, and having a maximum of 512K internal memory. (A Model 12 can be expanded to 768K internal memory.)

Compatible With Model II or 12 Software!

Your system is still a "full-function" Model II or 12, and you can use all of your present Model II or 12 software without modification. You may also use the software Radio Shack is developing to take advantage of the MC68000's 16-bit processing power.

Dual-Processor Architecture

With the Enhancement Option, your Model II or 12 will actually contain two microprocessors, because the original Z-80A 8-bit processor and its support circuits are retained for Input/Output. This frees the 16-bit processor to bring its full power to bear on data processing problems and memory management functions.

Multi-User Capability

Your Model II or 12, operating as a Model 16, will be able to support three users simultaneously. Thus two workstations in your office can be low-cost remote terminals like our TRS-80 DT-1. It's like having *three* computers at a much lower price!

Upgrade Kit. 26-6010 . . . . 1499.00*
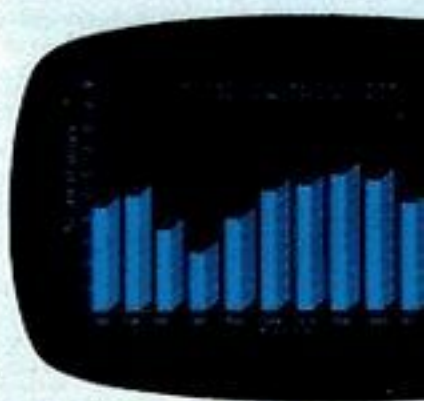
High-Reso

- **Easy-to-Use Graph**
- **Assembly Languag For Use With Other**
- **153,600 Picture Ele**
- **Unlimited Uses—T Display Into a "Gra**

Added Versatility for N

Now Radio Shack's TRS-8 Graphics BASIC languag display screen as a "sket whatever designs you ma sophisticated tables, cha geometric patterns, maps

High Resolution

Your designs will be execut screen is composed of 15 "pixels"! That's 640 point vertically.

Simple to Use

Using the "paint styling" rapidly fill in broad areas use a variety of patterns. W you have "point-to-point" you draw any line at any statement!

Easy to Learn

If you already know TR Graphics BASIC will be a learn only eleven new con credible. For example, b a BASIC program, you motion!

New! 12-Megabyte Hard Disk Driv
Forms a Powerful Computer System

Primary Hard Disk System **3495⁰⁰**

Secondary Hard Disk System **2495⁰⁰**

- **Extremely Fast Access to Programs And Data Through Winchester Technology**
- **Compatible With Most TRS-80 Model II, 12, and 16 Software**
- **Easily Add Up to Three More Hard Disk Systems for Over 48 Million Bytes Of On-Line Data and Program Storage**
- **Ideal for Data Base Management**
- **Uses All Currently Available TRSDOS Library Commands, Plus Enhanced Features Designed Specifically for the Hard Disk System**

Now you can have imme
amounts of data—12 million d
Shack's Hard Disk System. I
tory control needs, accountin
agement systems. And you
three "secondary" Hard Dis
age capacity of 48 megaby
Model II, 12, and 16 program
hard disk. It's compatible w
operating system or TRSDO
library commands are availa
ties: SAVE and RESTORE. T
to save data from the hard
back-up diskettes.

Powerful TRS-80 Hard Disk Computer S

TRS-80 Model 16 Hard Disk System

Complete System **849400***

- **128K 1-Drive TRS-80 Model 16 Computer (26-6001)**
- **12-Megabyte Primary Hard Disk System (26-4152)**

Low-Cost T Model 12 Hard I

Complete System **68**

- **80K 1-Drive TRS- Computer (26-40**
- **Model 12 Card Ca**
- **12-Megabyte Prir System (26-4152)**

*Price Does Not Include Required Installation

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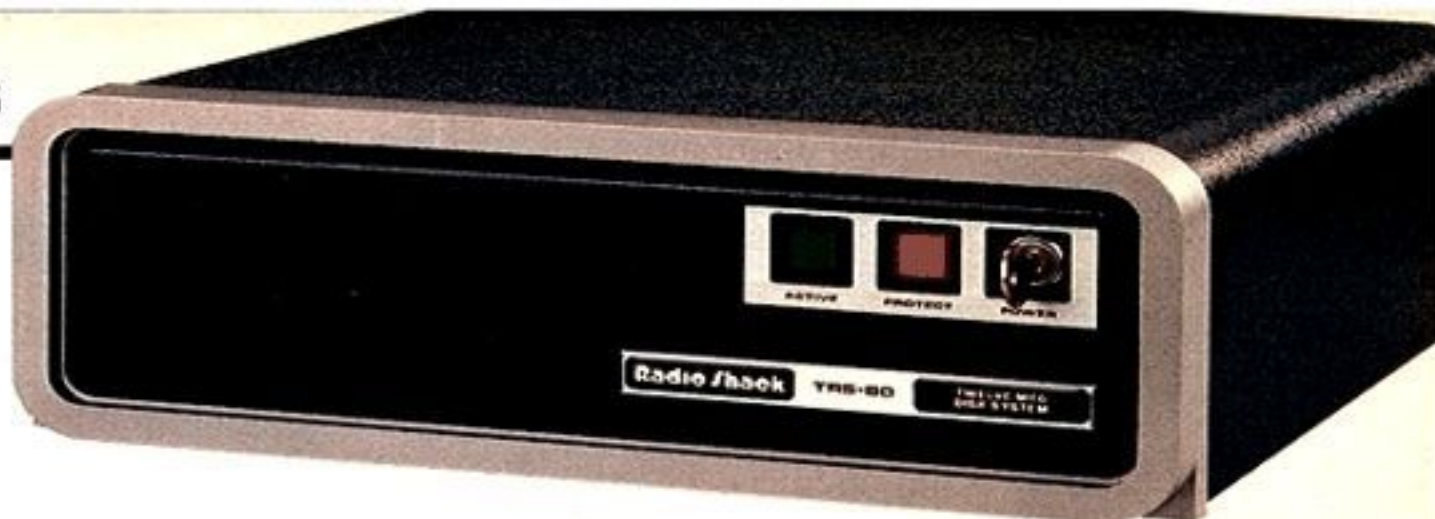
ediate access to vast
characters—with Radio
t's ideal for large inven-
ng and data base man-
can expand with up to
k Drives for a total stor-
ytes. Best of all, most
s will transfer directly to
ith our new multi-user
S. All current TRSDOS
able, plus two new utili-
ese utilities enable you
disk onto one or more

Hard disks require installation, not included. (Note: The 12-megabyte units cannot be used with our 8-megabyte hard disk drives.)

Primary Hard Disk Unit. 26-4152 . . . . . 3495.00 *
Secondary Hard Disk Unit. 26-4153 . . . . 2495.00 *

Specifications
A 3-platter, 6 surface, 5¹/₄" disk drive employing sealed media with a self-contained, recirculating filtered air system. *Formatted Capacity:* Primary drive—11.6 megabytes, secondary drives—12 megabytes each. *Disk Format:* Each of the 6 disk surfaces has one movable read/write head to access 236 data tracks on that surface. A 6-track cylinder is accessible under all 6 heads with a single seek. *Disk Size:* Three non-removable 5¹/₄" disks. *Data Transfer Rate:* 5 megabits/second. *Disk Rotation Speed:* 3600 RPM. *Latency:* 8.3 milliseconds (average). *Track Access Time:* 3 milliseconds (track-to-track). *Dimensions:* 5¹/₂ × 14 × 15". *Power:* 120VAC, 60 Hz, 1.1 Amps. U.L. listed.

Model II Disk Expansion Units

From
1150⁰⁰

Gives You More On-Line Storage

ystems

TRS-80
Disk System

93⁰⁰ *

-80 Model 12
04)
age (26-6017)
mary Hard Disk

For more disk storage, just plug in an external Disk Expansion Unit—available with one, two or three 8-inch disk drives. Each drive adds about 486,000 characters of on-line storage. For a one or two-drive system, drive kits are available to expand to a two or three-drive system. Inquire at your local Radio Shack Computer Center.

1-Drive System. 26-4160 . . . . 1150.00
2-Drive System. 26-4161 . . . . 1750.00
3-Drive System. 26-4162 . . . . 2350.00

Specifications
Number of Drives: 1 to 3. *Disk Format:* Track 0—system information; Tracks 1 through 76—26 sectors, 256 bytes per sector (double density). *Disk Size:* 8" diskette. *Data Transfer Rate:* Double density, 500 kilobits per second. *Disk Speed:* 360 RPM. *Latency:* 83 ms, average. *Track Access Time:* 260 ms average, 10 ms track-to-track. *Dimensions:* 11¹/₂ × 18¹/₂ × 21". *Power:* 120VAC, 60 Hz, 150 Watts. U.L. listed.

Time-Saving Word Process

SCRIPSIT™ Word Processing

Speeds up any job you're now doing on a typewriter. It's easy to learn and use, with "plain English" prompts and menus that put advanced editing capabilities at your fingertips! Letters, reports and manuscripts can be written and edited right on the display screen. Then, with an optional printer, you can print as many "letter perfect" copies as you want at an incredible 500-plus words per minute. Frequently used reports, forms or paragraphs can be stored on disk for use again and again—and updated at any time. SCRIPSIT includes automatic block moving and duplication, easy page numbering and renumbering, and an information line that keeps track of cursor position, margins, line spacing and page number. A Global Search mode will locate a specified word wherever it occurs in your text for selective editing. Floating format and reverse indentation make it easy to set up tables and special formats. You can define up to 20 keys to reprint words and phrases or to access special functions. Also store up to 11 formats that you use often and select the one you want with just a few keystrokes. SCRIPSIT offers full headers and footers, as well as underlining, subscripts, superscripts and bold face (depending on the printer you choose). SCRIPSIT's "background" feature even lets you print one document while you're typing or editing a different one. Stores up to 320,000 characters on each diskette with a one-disk Model II/12 system—plus up to 400,000 characters on each external drive you add to your Model II/12 system. Greatly increase storage capacity with a TRS-80 Hard Disk System. Load and store ASCII text files, too. Includes a superb manual and a self-paced training course on audio cassette tape.

Model II Floppy Disk. 26-4531 . . . . 399.00
Thin-Line Floppy, or Model II/12 Hard Disk.
26-4835 . . . . 399.00

SCRIPSIT Spelling and Hyphenation Dictionary

This automatic "proofreader" for SCRIPSIT checks and displays your text on the screen, highlighting misspelled words. Contains over 100,000 words, abbreviations, proper names, contractions and foreign words with hyphenation points. You can add up to 2000 words that are used in your profession—medical, legal, engineering, scientific terms, etc. Requires SCRIPSIT 2.0 and one additional disk drive.

Model II Floppy Disk. 26-4534 . . . . 199.00
Thin-Line Floppy, Model II/12 Hard Disk.
26-4834 . . . . 199.00

An Ideal Word Processing System
6033⁰⁰

SCRIPSIT Plotter Driver

Now you can add a vivid dime and overhead projector transp you use SCRIPSIT 2.0 to outp Plotter (see page 38). Print colors—red, black, blue, gree boxes around your text, straig scripts and subscripts. Simpl change character sets, set color pens. Use either a vertic can also move one-half spac backward a full space. Supp features, plus character an cation. Requires SCRIPSIT Pen Plotter. 26-4536 . . . . .

VisiCalc® Enhanced

Expanded version of the orig the decision-maker, the new efficient management plannin everything from corporate fin to sales projections. Comp quired. With VisiCalc, the T window through which you vie "worksheet" organized in c "entry position" you can inse formula. VisiCalc goes to wor previously "written" on you numbers change before yo

sing and Planning Programs

This TRS-80 system costs less than most dedicated word processors, yet lets you do data processing, too. System includes the 2-Disk TRS-80 Model 12 (26-4005)—ideal for a variety of business and technical jobs in addition to word processing—the Daisy Wheel II Printer (26-1158) and Cable (26-4401). Software extra.

ension of clarity to your text parencies. This program lets ut to our TRS-80 Multi-Pen nine character sizes in six en, violet and orange. Draw ght lines, underlines, super-e commands let you easily character size, and switch al or horizontal format. You e in any direction, or move orts all plotter text-oriented d word-incremental justifi-T 2.0 and TRS-80 Multi-
.... 49.00

ginal VisiCalc. Designed for v VisiCalc is an amazingly ng tool that can be used for nances to engineering work uter experience is not re-TRS-80 screen becomes a ew a section of an electronic olumns and rows. In each rt a description, number or rk when you alter a number ur worksheet—the related ur eyes as the program

instantly recalculates every affected item! For example, you can enter the projected cost of a new employee into a VisiCalc worksheet containing current and projected profit and loss figures. VisiCalc will then recalculate every related figure to show the effect of your addition. Quick "what if . . ." studies like this can give you an effective way to predict the results of important decisions. What might take hours with pencil, eraser, calculator and col-umnar pad is performed in seconds with VisiCalc! The new entry editor speeds worksheet preparation by allow-ing you to modify formulas and labels without re-entering them. And new logical and comparison operators let you perform testing and branching. Built-in math functions permit speedy solutions to complex engineering prob-lems. You can also produce simple graphs, and of course save your model on disk for future use. Add a printer and you can print your entire worksheet, or any portion of it. With an additional 64K memory board (below), you can produce even larger worksheets. (Memory board is not required for owners of Model 16 computers or Model II/12 computers equipped with Model 16 upgrade).
26-4521 .... 299.00

64K Memory Expansion Board

Gives your Model II/12 the capacity to generate much larger worksheets for the VisiCalc Enhanced program (above). This memory is not useable by other programs which do not employ special programming techniques required to access it. Installation required (not included).
26-4105 .... 399.00

del 12 or on a Model 16 in the Model II (Single-User) Mode

Simplify Information Hand[...]

Profile II

One of our most popular programs! It's an electronic filing system that lets you design your own database and can search through your records to find just the files you want—in seconds! No special computer background or programming knowledge is required—our instruction manual leads you through the various features step by step. Keep track of names and addresses, accounts, bills owed and paid, personnel or customer records and more. Unlike a conventional file, which can be searched in only one order—alphabetically or by account number—Profile II files can be searched by up to 36 user-defined criteria! You specify the way your files are set up and how information appears on the screen and printed reports. Profile II even includes options that restrict unauthorized users from accessing confidential files. Store up to 99 data fields in a single record, and print up to five different reports for each file. Reports can include automatic page numbers, current date and column totals. With two or more disk drives, Profile II can merge with SCRIPSIT to "personalize" your letters and reports with names, addresses and other important information. Stores up to 3000 records with a one-disk Model II/12 system, up to 20,000 with additional disk drives. 26-4512 . . . . 179.00

Profile Plus

An expanded version of Profile II with a number of sensational "extras" for greater flexibility. Allows arithmetic operations between fields—up to 16 equations of 63 characters each. This advanced math pack can be used to perform such functions as extensions, calculating taxes, subtotals and totals. Profile Plus allows you to instantly switch between any of your five screens and display various portions of an individual record. Create customized menus that require only a single keystroke for execution. Index your file in logical order for high speed access to records. When performing a search, Profile Plus will scan all associated fields for the type of information you want. Selectable record lengths prevent wasted disk space and increase the maximum number of multi-segment records. Advanced screen editing lets you insert and delete lines during screen creation or report formatting. Then after you've created your screen, a prompting message will ask you if you want a printout. And a new "type-ahead" feature lets you continue entering keystrokes even while other functions are being executed! 26-4515 . . . . 299.00

Profile Upgrade

For owners of Profile II. Adds all of the features of Profile Plus. 26-4517 . . . . 120.00

It's Easy t[...]

Define a Screen L[...]

Our Profile II program is e[...]
Design your own screen f[...]
enter your data on the scre[...]

Profile Training

This informative package give[...]
of the endless capabilities o[...]
through a carefully sequence[...]
perience. Examples are provi[...]
ibility of the Profile softwa[...]
learning foundation for Profile[...]
cassettes with an excellent 9[...]
disk. 26-4516 . . . .

Profile Prosort

High-speed indexing progra[...]
you to sort and select records[...]
file at a time. You can sort o[...]
four additional fields, ascen[...]
records using up to 16 select[...]
to print your records using a[...]
dex. You can create up to five[...]
index for video inquiry.
26-4558 . . . .

Profile Forms

This new enhancement progr[...]
print one detailed record per [...]
file, rather than Profile's norm[...]
multi-item reports. Each form [...]
wide and up to 66 lines deep.[...]
per file can be maintained. S[...]
special characters (dependin[...]
text and Profile data.
26-4556 . . . .

lling With Electronic Filing

Create and Use a Profile® II Filing System

.ayout   **Define a Report Format**   **Get a Printed Report**

asy to learn and easy to use.
or the data you want stored,
en, and design a report—in

virtually any order—in just minutes! Enter your data, and the exact information you want is always just a few simple keystrokes away!

es you a working knowledge
f Profile II. You are guided
d, step-by-step learning ex-
ded to demonstrate the flex-
re. Provides an excellent
e Plus users, too. Four audio
6-page manual and training
. . . . 69.00

Profile Archive

A practical program that lets you purge inactive records from any file in Profile Plus. Deletions can be performed based on up to 16 criteria. You have the option of listing the deleted records to a line printer and/or merging them into a separate archive—or history—file.
26-4557 . . . . 49.00

n for Profile Plus that allows
s from any one segment of a
n one field with sub-sorts on
ding or descending. Select
ion criteria. Also allows you
. previously created disk in-
indexes for reports and one

. . . . 149.00

Menu Generator

Now you can create custom menus in machine code for BASIC or COBOL programs—or special individual applications. It's perfect for the TRS-80 Hard Disk owner who has numerous applications on line at one time. You can create a "master" program menu, or even a menu of menus. A single key can be set up for a series of TRSDOS commands. You indicate the key to be pressed, the prompt you want to see in the menu, and the command line you want executed. Allows 12 selection items per menu. 26-4555 . . . . 39.00

ram for Profile Plus lets you
sheet on each item in your
nal one or two line listing on
can be up to 132 characters
Up to five different formats
Supports ½" line feed and
g on printer used). Intermix

. . . . 125.00

Versafile

Permits anyone to create a simple computerized filing system—no computer experience is needed! Lets you store almost any type of data—you simply type in a sentence. To retrieve information, just type a "plain English" question. Global search function matches keywords in your question to information on file. With a TRS-80 printer, you can print all or any portion of the files.
26-4510 . . . . 69.00

Streamline Your Accounting Sys
With TRS-80 Business Packages

A TRS-80 Model II/12 computer system can prepare profit and loss statements, tighten up receivables, speed up collections, control disbursements, improve cash flow, keep a close watch on payroll and budgets, help you with your inventory control, analyze sales information, and much more. Your company's operations will be faster, more efficient, and more accurate—and that can help you save money.

Don't know how to program? That's fine. At Radio Shack, we know you have more important things to do than to learn how to program. And you won't have to hire a programmer either. In fact, *anyone* in your office can easily and quickly learn to use these powerful TRS-80 Model II/12 business and accounting software packages. That's because each package comes with a very thorough instruction manual that will guide you step-by-step through every important function and will describe day-to-day operation. What's more, with additional disk drives, these packages form an "economical" interactive system. And Model II/12 software will also run on a Model 16 in the Model II (single-user) mode.

System Requirements

These programs require a disk Model 12 microcomp printer and printer cable.

General Ledger

A powerful, labor-saving s paperwork. Handles up to entries per month. Seven and user-defined account balance detection, entry to ing. Automatic audit trails prevention and rapid entri and error recovery. Report Balance Sheet, Charts of A ment List, Posting Summar Full reporting capabilities status at any time. A secono Payroll (26-4503), Accoun Accounts Payable (26-450
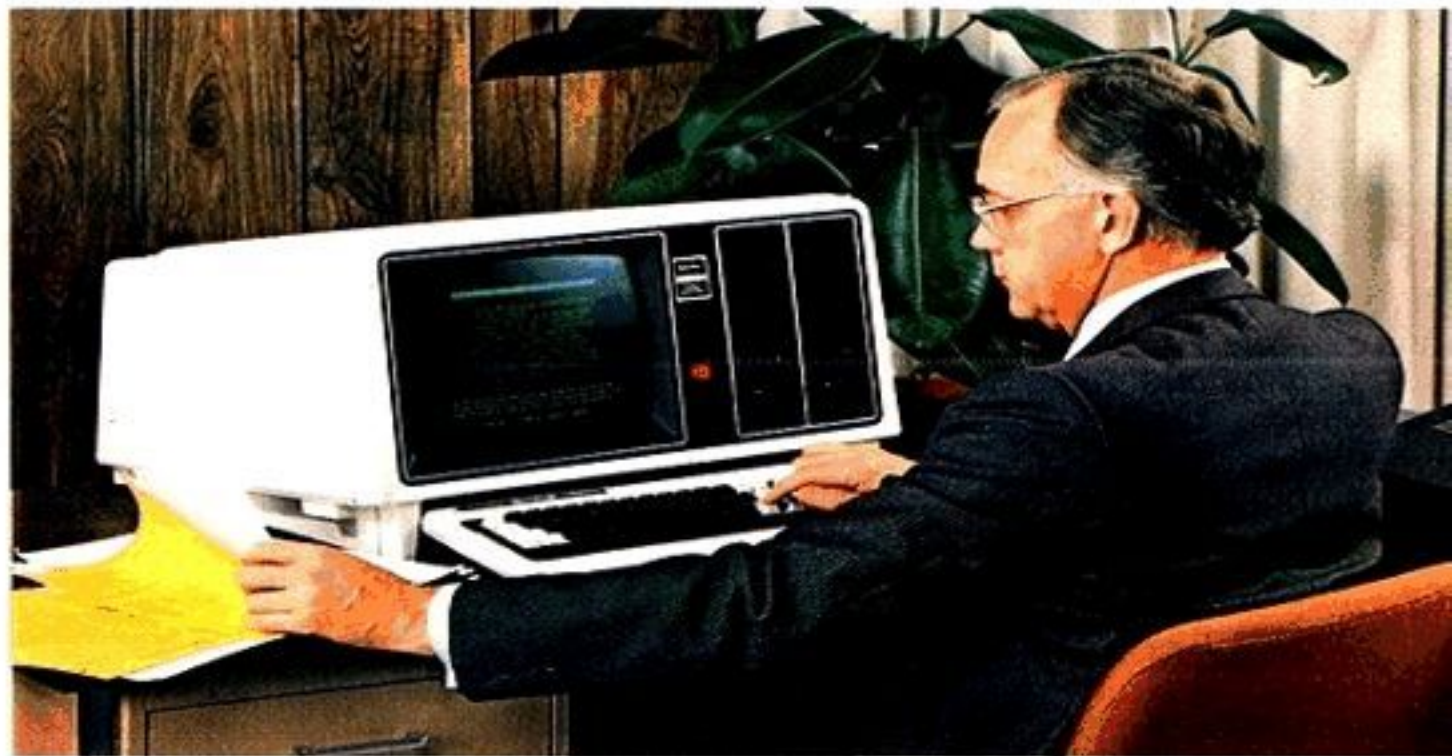
This affordable TRS-80 Model 12 "Basic Business" system is ideal for many office needs and will run all software shown on this page. It includes the 2-Disk Model 12 (26-4005) with 2,500,000 free bytes of disk storage, DMP-400 Printer (26-1251), and Printer Cable (26-4401). Desk not included.

stem
s

single-disk Model II or a two-
uter, a 15"-wide, 132-column

ystem that eliminates tedious
504 accounts, up to 11,420
optional expense categories
numbers. Automatic out-of-
otaling, and document balanc-
. Controlled inputs for error
es. Easy document correction
s include: Income Statement,
ccounts, Trial Balance, Docu-
ries, and Ledger Detail Report.
allow access to your financial
d disk drive allows update from
ts Receivable (26-4504), and
5). 26-4501 . . . . 199.00

Complete System
523300

Payroll

A comprehensive system designed for utmost user flexi-
bility and convenience. Handles up to 200 employees.
Nine earning, nine deduction, and seven workman's com-
pensation categories. Calculates federal, state and city
withholding tax, plus earned income credit. Prints Payroll
Checks, Payroll Check Register and W-2 forms, as well as
automatic monthly, quarterly and annual journals. Auto-
matic out-of-balance detection. Easy error correction and
recovery. Optional time card calculations with automatic
overtime. Multi-drive update to General Ledger (26-4501).
26-4503 . . . . 399.00

Accounts Receivable

A complete invoicing and monthly statement system that
helps reduce and control your receivables. Know where
you stand and spot overdue debts early for collection.
Allows "open item" and "balance forward" accounts,
and generates both Summary Aging and Detail Aging
reports. Generates monthly statements and prints in-
voices. Flexible open credit reconciliation. Add additional
disk drives for increased capacity and automatic update
of General Ledger (26-4501). 26-4504 . . . . 299.00

Accounts Payable

Designed to help you maximize your use of cash. Prints
cash requirements, aging reports and totals, and checks.
Compatible with either Cash or Accrual Accounting meth-
ods. Easy maintenance of accounts for up to 500 vendors
and 3000 invoices. Reports include: General Ledger
Codes, Vendor Listing, Invoice Listing, Posting Report
(with GL totals), General Ledger Recap, Cash Require-
ments (which annotates all Invoices which are within five
days of losing a Discount), Aging Status, Check Preview,
Check Register, Discount Lost Report, GL Totals after
Check Printing, End of Period Processing (with GL totals)
and Year End Report. Multi-drive update to General
Ledger (26-4501). 26-4505 . . . . 299.00

Mailing List II

A good mailing list makes you money! Here's a system
that stores names and addresses which can be revised at
any time—up to 3000 names or 2000 names with a "com-
ment" line. Each name may be assigned to up to eight
special categories. Choose alphabetical or Zip Code
order. Any number of address labels may be selected and
printed. Five different label sizes. With a second
disk drive, names and addresses can be "merged"
with SCRIPSIT (26-4531) for perfect form letters.
26-4507 . . . . 119.00

Interactive Programs Team Up

Single-User Multi-Disk Business Packages

Each of these powerful interactive accounting programs is designed for the Model II, Model 12 or Model 16. The Model II version requires a TRS-80 Model II and a 2-Drive Disk Expansion Unit or a TRS-80 Hard Disk Unit. The Model 12 version requires a TRS-80 Model 12 with two floppy disk drives or a Hard Disk Unit. The Model 16 version requires the TRS-80 Model 16 with two floppy disk drives or Hard Disk Unit. All require a 15-inch wide printer with tractor. You can also upgrade your Model II or 12 to a Model 16 multi-user system and use your existing data files. COBOL source code is available at extra cost after signing a special license agreement. (Note: Because of the operation of COBOL's Indexed Sequential File Access system, limits of these programs will vary with individual installation.)

General Ledger

Superb "total" system that will interact with the Accounts Payable, Payroll and Accounts Receivable programs on this page. An easy-to-maintain control file allows you to use multiple profit centers. Reports include: Income Statement, Balance Sheet, Supporting Schedules, Chart of Accounts, Financial Statements, General Journal Transaction Register, General Ledger Trial Balance for any specified period, General Ledger Worksheet, General Ledger Source Cross Reference (shows entries for each source), Statements of Cash Flow, Changes in Financial Position, and Changes in Components of Working Capital.

Model II/12. 26-4601 . . . . 499.00
Model 16. 26-6201 . . . . 599.00

Accounts Receivable

An open item and/or balance forward system that will interface with the 3-Disk General Ledger, Order Entry/ICS and Sales Analysis programs. The program prints Aging Report (with or without detail) for all or selected customers. It provides a General Ledger Distribution Report and allows easy access to frequently used General Ledger accounts for rapid entries. Prints a Cash Application Worksheet showing balance owing, the valid discount and the net amount due from each customer. Optional user-defined features include: accumulating revenue and expense by profit center (product line), calculation and addition of sales tax based on customer tax code, calculation of commissions and printing commissions due report, and more.

Model II/12. 26-4604 . . . . 499.00
Model 16. 26-6204 . . . . 599.00

Accounts Payable

An accrual system that will Ledger program. Reports incl cal Vendor List, Accounts Pa Accounts Payable Aging, Check Writing Accounts, Pay eral Ledger Distribution and

Model II/12. 26-4605 . . . . .
Model 16. 26-6205 . . . .

Payroll

A complete, time-saving pay and prints checks and provi General Ledger accounts (int program). The program give hourly and salaried employe frequencies. Provides a wide and deductions categories, a prepared checks and adjustm tion and sick pay and recall up history. Tables for federal, s taxes are easy to maintain. Pa withholding reports, W-2 fo check register and more.

Model II/12. 26-4603 . . . . .
Model 16. 26-6203 . . . .

System as Shown

894790

p for Greater Business Control

interface with the General
ude: Vendor File, Alphabeti-
yable Transaction Register,
Cash Requirements, Pre-
yable Check Register, Gen-
Vendor Analysis.

.... 499.00
.... 599.00

roll system that calculates
des distribution to multiple
eracts with General Ledger
s you efficient handling of
es and permits seven pay
variety of special earnings
nd allows entry of manually
ments. Lets you track vaca-
o to one year of detailed pay
state and local withholding
rints federal, state and local
orms, payroll worksheets,

.... 599.00
.... 699.00

Order Entry/ICS

Allows both single-pass invoicing and two-pass open or-
der entry with separate billing. Requires and interacts
with Accounts Receivable program. Allows maintenance
of the item file and prints a Numeric Item List and an
Alphabetic Item List. Orders can be entered and edited on
request. Prints: Item Receivings Register, Billing Edit List,
Picking Tickets, Order Edit List, Price List, Item Stock
Status Report and Purchasing Advice Report. Also prints
Sales Analysis by Item, by Product Category and by Item
Sales Volume when used with Sales Analysis (below).
Model II/12. Requires 4 disk drives or hard disk. ·
26-4607 .... 499.00
Model 16. Requires 3 disk drives or hard disk.
26-6207 .... 599.00

Sales Analysis

Effective way to examine and evaluate sales information.
Data is obtained from customer file of A/R or item file of
Order Entry/ICS. Shows sales activity by customer, cus-
tomer type, customer sales volume, salesman, state,
item, item category or item sales volume.
Model II/12. Requires 4 disk drives or hard disk.
26-4608 .... 299.00
Model 16. Requires 3 disk drives or hard disk.
26-6208 .... 399.00

An outstanding TRS-80 Model 12 system! Includes the 1-Drive TRS-80 Model 12 (26-4004),
12-Megabyte TRS-80 Hard Disk Unit (26-4152), DMP-500 Printer (26-1252), Cable
(26-4401), Printer Stand (26-4305), and System Desk (26-4303). Hard-disk storage gives
you massive data capacity with fast Winchester access.

Simultaneous Operations May Require a Minimum of 384K Memory.

Programs for Today's Law

Time Accounting

This versatile accounting program is a must for any business that requires a detailed analysis of the amount of time spent performing specific jobs to supply to its customers. It can handle up to 14 professionals, 1000 clients, 500 jobs, 99 charge code categories—such as expenses and payments—and 2950 transactions. You can easily add, delete, change, list and review all information on file concerning the person who performed the work, customers, contracts and charges. This includes quickly updating charges and payments received, preparing billing worksheets and printing statements. There's even a "statement simulation" for final adjustments before the actual statements are printed. Time Accounting gives you an accurate picture of your firm's profitability by tracking billable and non-billable time, billable and non-billable expenses, amounts billed and amounts paid. Requires four disk drives.
26-4520 . . . . 499.00

Litigation Support

A versatile computerize retrieval system design docket control program h organize notes, and keep spondence. Just enter a history, and corresponde you can be reviewing the records, with 12 pleas, Support also doubles as a ments associated with a letter or conversation. T subject, topic, case num puter displays any matchi records, with 144 charac characters for descriptio prints complete reports names and addresses SCRIPSIT (26-4531)
26-4545 . . . .
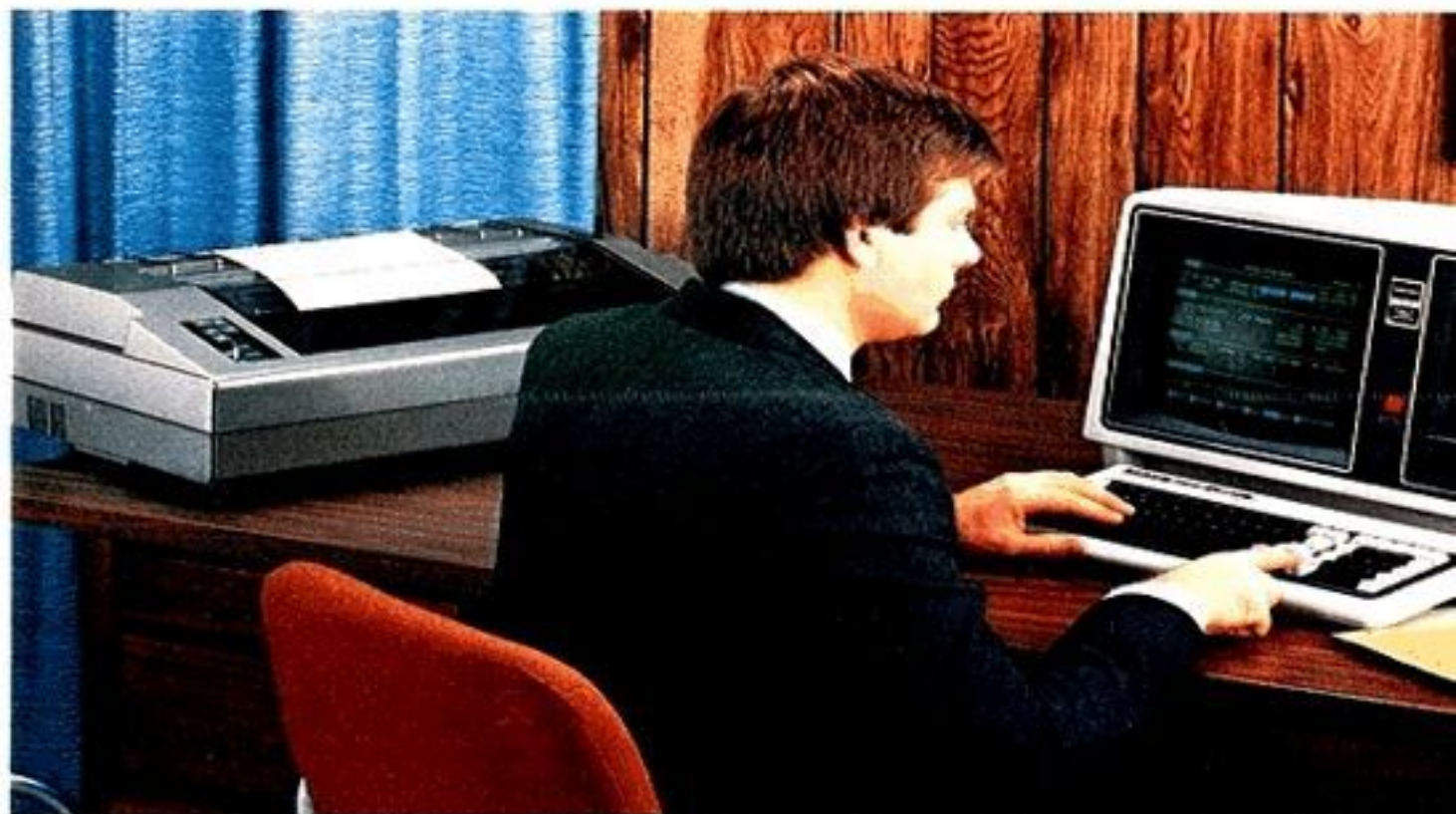
System As Shown This is an ideal system to run all software on this page, a
583300 Model 12 (26-4005) with a total of 2,500,000 free bytes o
printer (26-1252), and Printer Cable (26-4401).

All Model II Software on This Page Will Run on a Model 12 and on a Model 16 in the Model II (Single-User)

yer, Doctor and Contractor

d information storage and
ed for the attorney. This
elps you research articles,
track of reports and corre-
client's background, case
nce. At a moment's notice,
case. Store up to 350 client
and 10 memos. Litigation
paralegal. Just enter docu-
case—such as a memo,
hen by simply typing in a
ber or keyword, the com-
ng records. Store up to 575
cters for sources and 255
n. Litigation Support even
and mailing labels. Merge
with form letters using
and extra disk drive.
. . . . 299.00

Medical Office System

The Radio Shack Medical Office System is designed
to provide a fast and efficient system for collecting
and managing accounts receivable. It accomodates
a large individual practice or a medical clinic with up
to ten physicians. Handles records and billing for up
to 3000 accounts and 9000 transactions per month.
Features 450 procedures and diagnoses, 4 recall
medications, 2 recall dates, and 2 insurance com-
panies per patient. Produces monthly statements,
insurance forms, daily recap, transaction review,
aged accounts receivable, procedure and diagnosis
reports. The system provides complete audit trails
and detailed reports, cutting the time you presently
spend on accounting and preparing statistical re-
ports. Zero-balance double-entry accounting main-
tained automatically. Requires a minimum of two disk
drives. Customized letters and mailing labels using
Profile II (26-4512) and SCRIPSIT (26-4531) and ex-
tra disk drive.
26-4508 . . . . 750.00

Job Costing

Designed to aid small construction companies in the
preparation of job estimates, and to enable them to
accurately track the progress and cost of each job. It
keeps up with your two most valuable resources—
time and money. Expenses are entered as they are
incurred and are posted to each task by cost cate-
gory. Detailed and summary information available on
each job. Job Costing can be used for internal audit-
ing to check invoices and purchase orders, too. As
jobs are completed, year-to-date profit and loss is
maintained on disk. It's an invaluable tool for estimat-
ing work volume and average gross profit.
Model II/12. 26-4513 . . . . 149.00
Model 16. 26-6209 . . . . 199.00

nd includes: 80K, 2-Drive
f disk storage, DMP 500

Mode. Normally, Multi-Drive Software Running on a Model 12 Requires One Less Drive Than a Model II.

Programs To Streamline Y

Inventory Management System

Take stock of your business quickly and easily! Inventory control is an important priority for every company that has to maintain an investment budget, yet meet its consumer demand. Achieving the proper balance requires information about the flow of merchandise through an inventory, and prudent decision making concerning that flow. When used as a management tool, Inventory Management System (IMS) can help make consistent and efficient inventory a reality for your company. It handles up to 3000 inventory line items, 200 vendors, on-hand quantities up to 999,999, with a maximum selling price of any item at $9999.99. IMS goes beyond most "traditional" inventory systems by projecting your reorder needs based on analysis of past performance and sales trends. You can also analyze your stock turnover and calculate the gross margin for each stock item. Reports generated include: Master Inventory List, Vendor Listing, Transaction Posting Report, Suggested Order List, ABC Code Analysis, Physical Inventory Worksheets, Physical Inventory Error Report and an Inventory Performance Report, which includes a Total Inventory Performance Summary, ABC Code Performance Summary and ABC Code History Summary. Our Inventory Management System interfaces with General Ledger program (26-4501).
26-4502 . . . . 199.00

Order Entry With Inventory Control

A unique package with deluxe features that can become a vital part of your business. It can help you simplify your inventory control and get complete reports on stock levels. This program is designed primarily for non-manufacturing distributors that maintain up to 650 accounts in accounts receivable and up to 2000 items in inventory. It reduces duplication of efforts, and saves time in filling orders, producing invoices and posting sales and adjustments to each customer account. For example, it records and processes back orders with automatic filling capability. It can use either the long or short invoice forms. You can even modify the invoice format to meet your specific needs. It prints a Picking List to aid in pulling items from stockroom or warehouse. Our Order Entry with Inventory Control interfaces with the Model II/12 Accounts Receivable program (26-4504). Requires four disk drives.
26-4514 . . . . 199.00

Inventory Control Syst

Our Inventory Control Sy counting less tedious a money. Inventory control accurate as the system as ordering from vendors, ar can even handle partial r custom-design your own r receipts, prepares labels maintenance of the refer inquire/edit and list. Print number and six major rep List, Items with a Zero Open Purchase Orders a vides a Sales Journal, p sheet, and provides a s prime vendor (based or level). Both Model II and 1 disk drives. Additional driv inventory items (four drive dles approximately 3000 disk, Model 12 handles a

Model II/12. 26-4602 . . .

Model II/12 Hard Disk. location-of-item code as a additional "Location" repo

Model 16 Hard Disk. T multi-user operation with u 30,000 items. 26-6302 . .

Manufacturing Inventor

Review inventory, establis dure, process inventory tr and quantities required t determine the status and work in progress, estimat labor and material require in four stages. First, Inven and can function as an i tem. Second, Bill of Mate with up to 99 component and Movement allows ent ing orders and moves th production. Fourth, Plann uling, projects material completion dates. Req
26-4509

All Model II Software on This Page Will Run on a Model 12 and on a Model 16 in the Model II (Single-User) M

Your Business Operations

em

stem (ICS) will make item
and save your business
becomes easier and more
ssists you in cycle counting,
d numerous other tasks. It
eceipts, and allows you to
reports. The program posts
s and gives you complete
renced files—add, delete,
s purchase orders by P.O.
orts—Master List, Vendor
Reorder Point, Price List,
and Cost Inventory. It pro-
rints a Cycle Count Work-
uggested order listing by
a pre-defined inventory
2 require a minimum of two
ves may be added for more
s maximum). Model II han-
inventory items per data
about 8000 per disk.

. . . . 299.00

Up to 30,000 items. Uses
a third possible key. Prints
rt. 26-4802 . . . . . . 399.00

his package also supports
up to 3 users. Handles up to
. . . . 399.00

y System

sh a cycle counting proce-
ransactions, describe parts
o produce finished goods,
dollar value of orders, track
te order completion dates,
ements, and more. Installed
tory holds up to 2100 items
ndependent inventory sys-
erials holds up to 600 bills
s each. Third, Order Entry
ry of up to 200 manufactur-
em through all phases of
ing helps with labor sched-
requirements, and order
quires three disk drives.
. . . . 750.00

Statistical Analysis

A menu-oriented data analysis system ideally suited
for applications in business, education, medicine,
and other fields. The programs can be run with little
formal knowledge of data analysis techniques and no
knowledge of computer programming. Each pro-
gram interacts with you to guide you in conducting
statistical research. Statistical Analysis includes pro-
grams for descriptive statistics, graphic histogram,
frequency distribution, one and two-way analysis of
variance, one-way analysis of co-variance, correla-
tion matrix, chi-square analysis, time series analysis,
and item analysis, multiple linear regression, random
data samples, and item analysis and test/survey
scoring. Easily prepare, update, and print your data
files. 26-4540 . . . . 99.00

Personnel Search

Helps match employers with potential employees.
Stores up to 246 records, with up to five referral and
placement positions and five client contacted com-
panies. Up to 66 characters are available for em-
ployer benefits, and up to 227 characters for
employee duties. Prints reports, plus two mailing
labels. 26-4621 . . . . 299.00

Electronic Broker™

Maintains securities transaction records for stock-
brokers, investment advisors, accountants, and
small bank trust departments. The Electronic Broker
organizes your account bookkeeping with flexibility
and ease. Reviews and updates security prices, mar-
ket averages, split stocks, and adjustments for divi-
dends. Builds and maintains four libraries of
information—a library of up to 500 Client Accounts,
a library of up to 500 Securities, an ongoing
Transactions File, and a matched-off Liquidations
File. The Transactions File produces well-organized,
accurate screen and printed reports, such as Master
List of Accounts, Master List of Securities, Statement
of Account, Realized Long and Short Term Gains
by period, and Cross Listing of securities. Addition-
ally, the program prints a Posting Journal and a
Liquidations Report as an audit trail.
26-4525 . . . . 995.00

ode. Normally, Multi-Drive Software Running on a Model 12 Requires One Less Drive Than a Model II.

Advanced Programming/Commu
Software for TRS-80 Versatility

Assembly Language Development System

This powerful five-module package offers the assembly language programmer a number of important features:

EDITOR—Full-screen editor with global find/change, and the ability to output to video or a printer automatically while in the editor mode. You can execute most TRSDOS commands without exiting editor, and load single files or chain multiple files together.

ASSEMBLER—Supports IX and IY registers, separately-linkable multiple program sections, relocatable/absolute object, macros and sorted cross references list, enhanced mnemonic op codes, conditional assembly with optional assembly time prompting, and support of standard and undocumented mnemonics.

LINKER—Indirect command file, optional module cross reference, entry point, and symbol listing.

DEBUGGER—Full trace functions, load and dump programs in file image, and do conversions and simple math commands. Find/examine/change memory by HEX or ASCII, copy memory to memory or fill memory with constant, two independent memory displays and one register dump on screen. Permanent/temporary break points plus single step, and examine/modify disk files by record or relative sector.

FILE TRANSFER—Automatic multi-file transfers between any TRS-80, converts files to target machine's format, automatic SETCOM with default control file, transfers source, data object and program files, automatic synchronization (either end responds first) and file names may be given directly, by "wild card" or by indirect command file.

Model II/12. 26-4712 .... 249.00

Program Editor

This package can be used with any of our Model II/12 languages (see page 17). When you're editing large programs, it's a fast and efficient way to modify your source code. Editing commands allow you to easily modify, delete and insert characters or lines. Global search locates selected text strings throughout the program and makes changes automatically. Line numbers are optional and tabs are set automatically for the requirements of each language. File record formats are user selectable.

Model II/12. 26-4710 .... 79.00

Editor/Assembler

The Macro Editor/Assem
grammer to quickly write,
cute programs in Assemb
the use of either 8080 or Z
can be specified in octal
mands are simple and stra
both line-oriented and ch
gram will provide a source
display any text file. Includ
program.

Model II/12. 26-4702 . .

Editor/Assembler, Ser

Program in machine lang
more efficient memory use
numbering, line renumbe
global search, plus the so
files and source files may
Assembler features these
symbol table," "list to prin
labels up to six character
Model II/12. 26-4713 . . .

ReformaTTer™

Prepare programs and da
using the TRS-80 Model I
transfer of files between
diskettes. It organizes dat-
density IBM format, perf
character conversion and
ettes to the IBM format—
eliminating the need for sp
You have full control over
including creation/expirat
ning of extent, end of ext-
and bypass and verify fiel
renamed and even delete
ReformaTTer allows you
data on an IBM diskette o
data to a TRSDOS diske
presentation and descr
make it easy to learn and
Model II/12. 26-4714 . . .

16

...unications

...bler allows the advanced pro-
... edit, test, assemble and exe-
...ly Language. Features include
...Z-80 mnemonics and constants
..., hexidecimal or binary. Com-
...aight-forward. The text editor is
...aracter-oriented. A utility pro-
... listing, plus list to the printer or
...des user's manuals and sample

.... 199.00

...ies I

...guage for faster execution and
...e. Editor features automatic line
...ering, single-letter commands,
...urce text may be saved in disk
...be loaded together in memory.
...e options: "wait on error," "no
...ter" and "trial assembly," plus
...s and eight pseudo-ops.

.... 49.95

...ta for use with IBM® equipment
...I/12. ReformaTTer handles the
...TRSDOS and IBM-compatible
...a to conform to the 3741 single-
...forms optional EBCDIC/ASCII
...d automatically initializes disk-
...including all necessary fields—
...ecially pre-formatted diskettes.
... all aspects of an IBM diskette,
...ion date, record length, begin-
...ent, write protect, accessibility.
...ds. Any "data set" label can be
...d data sets can be reactivated.
... to examine and alter existing
...directly without transferring the
...tte. And the convenient menu
...riptive prompting messages
... use. Requires two disk drives.
.... 249.00

Binary Synchronous Communications 3270

This program allows your TRS-80 microcomputer to emulate an IBM 3270/3271/3275/3277 display station. You can communicate to a remote computer using standard IBM Binary Synchronous (BSC) protocol for the IBM Systems 360/370 and 30-Series Central Processing Units, plus non-IBM devices equipped with BSC-3270 communications capability. All functions of an IBM 3270 display station are provided, including screen formatting, polling responses, data link control, time-out control, and cyclic redundancy checking. A TRS-80 equipped with this on-line standard binary synchronous communications 3270 program may be used interactively with systems such as IBM's CICS, VM/CMS and IMS, plus with other remote systems that support IBM 3271 or 3275 terminals. Bisync-3270 communicates in half-duplex mode and may operate at data rates up to 19,200-baud depending on the type of communications connection used. Editor/Assembler (26-4702) may be used for mode reconfiguration. Requires modification of the "A" serial port (extra charge).
Model II/12. 26-4715 .... 995.00

IBM/DEC® 3780-Compatible Binary Synchronous Communications

With this communications program, your TRS-80 microcomputer can function as an IBM-compatible remote terminal or a Remote Job Entry (RJE) terminal connected to a mainframe computer. This batch standard binary synchronous communications 3780 program allows the selection of IBM 2770, 2780, 3741 or 3780 terminal protocols for communicating with the IBM Systems 360/370 and 30-Series computers, IBM 2780 and 3780 terminals, DEC PDP-11 or VAX-11 computers, and other devices equipped with bisynchronous communications ability. Commands and options are provided which permit you to send one or a series of files to a remote, receive data from the remote onto a printer or disk files, automatically convert between EBCDIC and ASCII codes, transmit or receive character coded data in transparent or non-transparent modes, automatically pad or truncate records to match transmitted data to required protocol and decide printer forms control commands. Bisync-3780 communicates in half-duplex mode and may operate at data rates up to 19,200-baud depending on the type of communications connection used. Editor/Assembler (26-4702) may be required if mode reconfiguration is needed. Requires modification of "A" serial port (extra charge).
Model II/12. 26-4716 .... 995.00

Model II/12 Programs Will Run on a Model 16 in Model II (Single-User) Mode. Model 16 Programs Will Run on a Model II/12 with Upgrade Kit.

Choose the Radio Shack Languag
You Need for Program Developme

Language versatility! That's what you get with TRS-80 Model II, 12, and 16. Radio Shack offers you several sophisticated programming languages—each developed for a particular type of application.

The TRS-80 adapts easily to your choice of programming languages because the system has no primary language stored in memory. You simply load the disk and you're all set! That makes your TRS-80 system able to meet your growing or changing requirements.

These reasonably priced languages enable you to purchase our complete package at a fraction of the cost you'd expect to pay just to lease from others! And each package includes complete, user-oriented program documentation.

COBOL Development System

COmmon Business Oriented Language is perhaps the most popular programming language for business and accounting applications. That means a wide selection of software is available—much of which can be transferred to the TRS-80 Model II, 12, or 16 with little or no modification. Radio Shack's COBOL is a high-level implementation of the ANSI-74 COBOL standard for minicomputers. It features multi-keyed ISAM (Indexed Sequential Access Method) for quick access of data, interactive DEBUG for program development and testing with address stop, single step and variable display, CRT control with extended ACCEPT/DISPLAY commands for attractive screen formatting, and full level-2 Input/Output commands. It has an Editor for creating and changing source programs and a single-pass Compiler which generates an object code for fast execution by the Run-Time Diskette. Radio Shack's COBOL Development System is supplied on a single diskette with deluxe binder and includes User's Guide, COBOL Language Manual, Run-Time package, and sample programs.

Model II/12. 26-4703 . . . . 299.00
Model 16. Single-User TRSDOS-16. 26-6100 . . 299.00
Multi-User COBOL. As above, with multi-user commands for use with TRS-XENIX. 26-6455 . . . . . 699.00

COBOL Run-Time Diskette*

Model II/12. 26-4704 . . . . 40.00
Model 16. 26-6101 . . . . 40.00

*NOTE: Run-Time Diskettes are available separately for those who intend to sell software developed on our compilers. You don't need to purchase a separate Run-Time Diskette for your own use.

COBOL Generator

Reduce your COBOL develop
programmer to define a complet
then generate a COBOL source
Using a dictionary facility, you
files, data fields, validation rul
Then define data entry scree
screens and printed reports.
editor allows modification of the
add customized logic. Requir
drive and COBOL Developmen
Model II/12. 26-4707 . . . .

Compiler BASIC

Allows you to program in BASI
racy and speed that many ap
you're developing programs to
protect your code against modi
features a single-key ISAM to h
data, a cross reference and int
program development, easy ca
or other object programs, 14-d
format, full error control, comp
single-pass compiler. (Note: Co
for program development an
existing software.) Includes us
package.
Model II/12. 26-4705 . . . .

Compiler BASIC Run-Time

Model II/12. 26-4706 . . . .

FORTRAN

FORmula TRANslator is a univ
programming language design
technical or engineering probl
braic notation. Radio Shack's F
ANSI-66 standard and features
tation in compiler, and hex and
piler listing. The program has f
the Editor, Compiler, Linking Le
and a Source and Listing File P
Manual, along with language,
guides, and sample programs.
Model II/12. 26-4701 . . . .

...ge
...ent

...oment time! It allows a
...te software package and
...e program automatically.
... supply information on
...es and editing formats.
...n formats, simple query
...An easy-to-use COBOL
...e COBOL source code to
...res one additional disk
...t System (26-4703).
. . . . 995.00

...C and get the extra accu-
...plications require. And if
... sell, compiled programs
...fications. Compiler BASIC
...help organize and retrieve
...eractive DEBUG to speed
...lls to assembly language
...igit floating point decimal
...plete CRT control, and a
...ompiler BASIC is intended
...d not for conversion of
...er's guide and Run-Time

. . . . 199.00

...e Diskette*

. . . . 30.00

...versal, statement-oriented
...ed primarily for scientific,
...lems expressible in alge-
...FORTRAN is based on the
...complete error documen-
...l octal addresses for com-
...ive modules consisting of
...oader, Subroutine Library.
...rint Utility. Includes User's
...linking loader and editor

. . . . 299.00

New! TRS-XENIX™ Development System

The new TRS-XENIX development system—with the powerful C language—is for advanced programmers developing multi-user software to run under our new Model 16 XENIX, a true Bell UNIX™ operating system.

C is a general-purpose programming language originally developed for UNIX™. Yet because of C's flexibility, it has been used by software developers to write operating systems and utility programs for a number of computers. It has also been used to develop applications software for research and business uses, including numerical, text processing and data base programs.

The entire TRS-XENIX development system includes all standard UNIX utilities (about 250 modules) for multi-user software development, including:

- C language compiler
- assembler
- text editor
- text processing (not including editors)
- text print formatting
- typesetting
- spelling dictionary with over 20,000 words
- accounting and invoicing system users
- electronic mail
- relocating program loader
- maintain program groups
- print spooler
- sort utility
- stream editor
- command processing
- BASIC language interpreter
- FORTRAN compiler (compatible with C)
- structured FORTRAN preprocessor
- compiler generators
- file management
- pattern recognition and file comparison
- pattern scanning and processing language
- interactive program debugger
- full password protection
- on-line communications
- system status information
- system maintenance
- on-line UNIX programmer's manual

TRS-XENIX development system is for program development only and is not needed to run applications or other languages. It requires a minimum of 256K memory (512K is recommended) and a hard disk drive.

TRS-XENIX Development System. 26-6401 . . 750.00

Model II/12 Programs Will Run on a Model 16 in Model II (Single-User) Mode. Model 16 Programs Will Run on a Model II/12 with Upgrade Kit.

This "All-in-One" Personal Co
Affordable, Versatile and Exp

Perfect Computer For Work or Play!

999⁰⁰
16K Model III BASIC

- Completely Self-Contained Desktop Unit
- Easy Internal Expansion for Personal And Professional Use
- Built-In High-Resolution 12" Video Monitor Displays 16 Lines of 64 Characters
- 65-Key Typewriter-Style Keyboard With 12-Key Datapad for Numeric Entry
- Built-In Parallel Printer Interface
- Learn BASIC Programming With the Excellent Model III Beginner's Manual
- Many Ready-to-Run Programs Available

Get Started in Compu

Model III is perfect for
easy to use and hard to
many features that you'd
standard on Model III
Model III can easily an
meet your changing req

Huge Software Librar

You can put a Model III
selection of ready-to-run
hold budget, track your
home inventory or rec
club's mailing list, teach
puter games, and much
statistics and even bec
word processor. The pos
All you need is a casset
cable and you're set.

$C_8H_4(CH_3)_2$
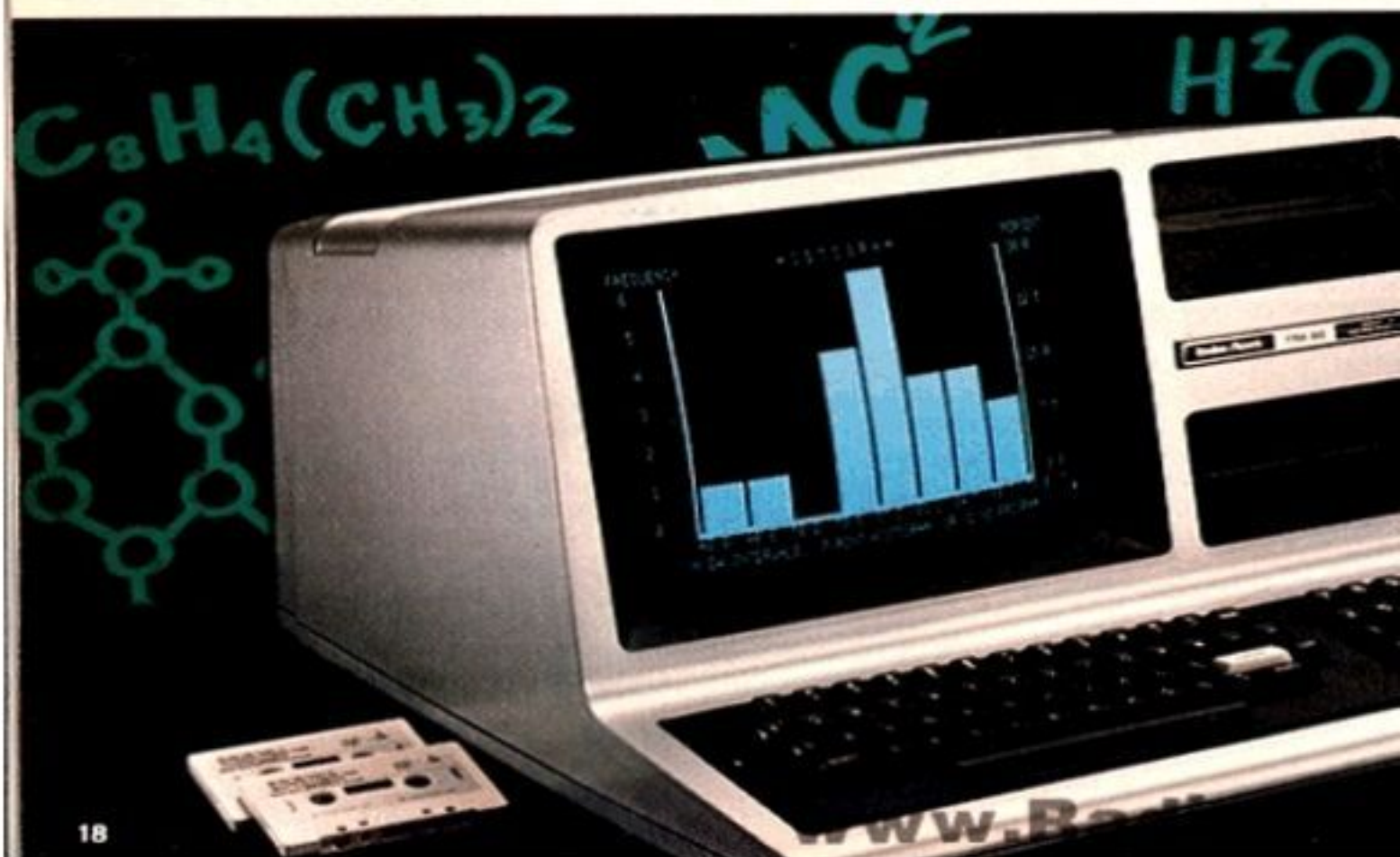
mputer is
andable!

ting with Model III

beginners and pros alike—
outgrow. More importantly,
d expect to pay extra for are
. And when you're ready,
d economically expand to
quirements.

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to work or play with a wide
programs. Set up a house-
stock investments, create a
ipe file, computerize your
your kids, play exciting com-
more! Model III can analyze
ome an incredibly low-cost
sibilities are almost limitless.
tte recorder and connecting

Expands Easily

Model III can expand internally with up to 48K of memory, one or two 5¼" mini-disk drives, and an RS-232C serial interface board. You can also add accessories like a printer, plotter, digitizer, telephone interface and external floppy disk or hard disk drives.

16K Model III BASIC. 26-1062 . . . . **999.00**

Specifications. *Microprocessor:* Advanced Z-80 8-bit. *Clock Speed:* 2.03 MHz. *Memory:* 14K ROM with 16K RAM, expandable to 48K RAM. *Keyboard:* 65-key "typewriter" style with 12-key datapad. *Video Display:* Memory mapped with high-resolution 12" monitor. Includes 96 text, 64 graphics and 96 "special" characters. Screen format—64 or 32 characters by 16 lines, upper and lower case. *Input/Output:* Computer-controlled cassette interface—500/1500 baud selectable under Model III BASIC. Parallel printer interface and buffered Model III bus. Provisions for adding disk drives and RS-232C interface. *Dimensions:* 12½ × 18⅞ × 21½". *Power:* Integral power supply, 105-130VAC, 60 Hz. U.L. listed.

CCR-81 Computer Cassette Recorder

Designed for The TRS-80
59⁹⁵

- **Cue/Review and Tape Counter for Easy Indexing**
- **LED Data Record Indicator**

Ideal for loading and re-cording programs and data on cassettes. Includes ca-ble. U.L. listed AC operation or 4 "C" batteries (not incl.). 26-1208 . . . . **59.95**

Who is the Model III for?

The Model III is ideal for anyone who wants an excellent "starter" computer that can later be expanded for advanced programming, business or professional use. With its power, expandability and vast library of available software—and affordable price—the Model III is perfect for beginning computer enthusiasts. It's also an outstanding choice for professional people who may wish to expand it later for business use, and for school systems for use in classroom networks.

Expansion covers simulate disk drives

Home and Professional Syster

"Starter" System

Personal Business Sy
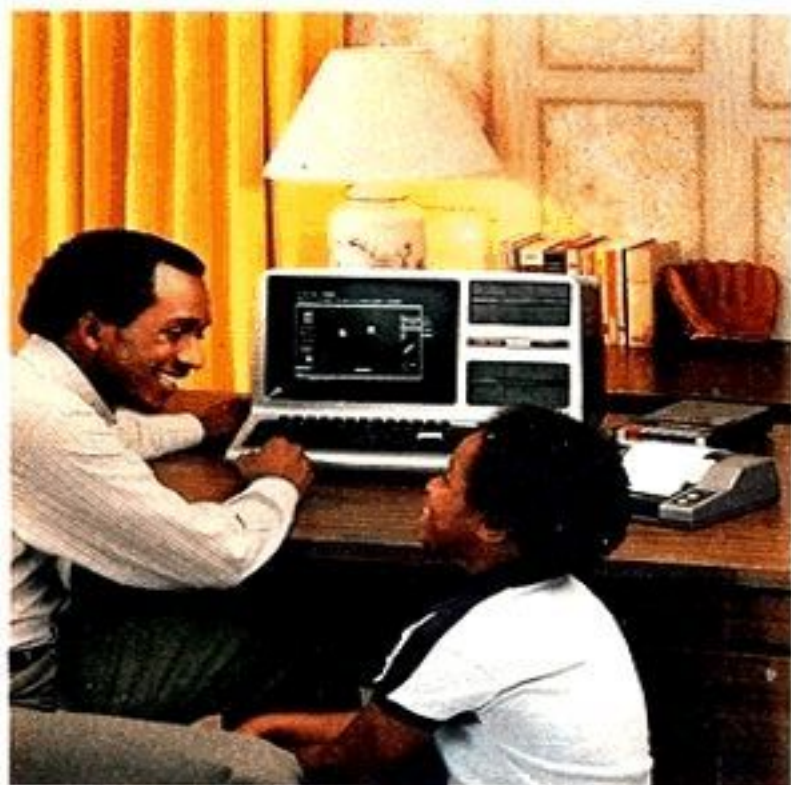
134790   Full Featured, Yet
Very Affordable

189695   Ideal for Hor
Business Us

Here's an ideal computer system for the
beginner. It's perfect for hundreds of
uses—from education to learning com-
puter programming to entertainment.
We've teamed the 16K Model III (26-1062)
with our CGP-115 Color Graphics Printer
(26-1192) and cable (26-1401). The CGP-115
gives you sharp-looking graphs, charts
and diagrams in six vivid colors—plus
it draws alphanumerics as well. We've
also included the CCR-81 Cassette
Recorder (26-1208) to let you store and
retrieve your own programs, or load our
ready-to-run software. The system pro-
vides everything you need to get started in
the exciting world of computers—
including our Model III learner's manual—
and can be easily expanded as your skill
and needs grow.

For business applications,
Model III (26-1062) with powerful
BASIC is the way to go. You can
ready-to-run software with the
Cassette Recorder (26-120
DMP-200 Dot Matrix Printer (26-1
cable (26-1401) gives you draft-qu
respondence and reports with
SCRIPSIT™ word processing p
Model III BASIC gives you advan
gramming features for greater
and usefulness. You can't top a N
system like this for personal budg
vestment portfolio handling, si
analysis, mailing lists, real estate
tions and many other business u
at a price you can afford. And it's
move up to larger internal mem
disk storage at any time.

Powerful Model III BASIC Language

Included With the TRS-80 Model III

The powerful Model III BASIC language is an ideal way to learn computer programming. It gives you many important features, including upper and lower case characters, a screen format of either 64 or 32 characters by 16 lines, automatic scrolling, a screen print command and repeating keys. And you can load cassettes at either 500 or 1500-baud via the computer-controlled cassette interface. You also get easy RS-232C initialization, space compression codes to reduce program size, a real time clock display, as well as printer control features such as line width, page length and printer status. And you get multi-dimensional arrays, a definable cursor, comprehensive string handling, 255-character program lines and string variables, automatic line numbering, extensive program line editor to speed program development, TRACE, PEEK and POKE, machine language user calls, scroll protect, 23 specific error codes and even a special graphics character set that ranges from smiling faces and math symbols to letters of the Greek alphabet and card symbols. Addressable block graphics are easy with SET and RESET, and you can position text anywhere on the screen with PRINT@. There's 16-digit numeric accuracy (intrinsic functions remain at 6-digit accuracy). Includes printer commands LPRINT and LLIST. You get both a comprehensive reference manual and a 340-page beginner's tutorial manual. Even if you have no prior knowledge of computer programming, the entertaining step-by-step *Getting Started With TRS-80 BASIC* instruction manual will have you writing a program in no time. It's packed with examples, quizzes and useful programs. It makes learning fun!

Model III Expansion Options

16K RAM Memory Expansion Kit. Each kit you add to your Model III expands your computer's internal memory in 16K increments up to 48K. 26-1102 . . . . 49.00*

RS-232C Serial Communications Board and Cable. Allows you to communicate with information networks and other computers by telephone (requires modem and software). 26-1148 . . . . 99.00*

*Price does not include required installation.

Exciting, Low-Cost Games and

Space Warp
(1 / 2) Fast-action space adventure! Your mission—search the galaxy to find and destroy the alien vessel. Demands fast reflexes and sharp wits. Ten levels of play. Optional audio amplifier may be used for sound effects that add to the fun.
26-1912 . . . . 14.95

Haunted House.
(1 / 2) A great first adventure game—perfect for youngsters and adults alike. You're trapped in a ghostly mansion with no apparent way to escape! Solve the mysteries and you'll get out alive—you hope!
26-1910 . . . . 9.95

Gammon Gambler™ Backgammon
(1 / 2) Challenge the computer—it's an opponent always in top form that never gets tired! Includes doubling cube for betting. Graphically displays board and pieces. Ten skill levels.
26-1916 . . . 19.95
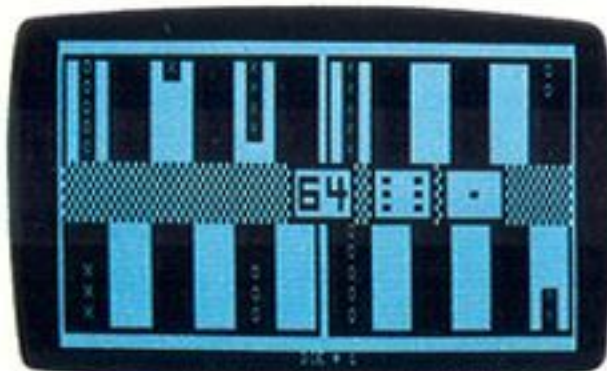
Flying Saucers.
(1 / 2) Th sky is becoming packed with you to shoot 'em down in "re cannon. Fast-paced fun! Ni 26-1905 . . . .

Microchess.
(1 / 2) It's you classic game of strategy. Thr beginners or advanced play

Bedlam.
(1 / 2) Here's y You'll face numerous perils, patients and much more! The time you play—it's never th 26-1917 . . . .

Paddle Pinball for Fast-Pa
(1 / 2) Become a pinball wizard! Combines a pinball field that you can vary with fast paddle action. Exciting sound effects with optional audio amplifier.
26-1914 . . . 9.95

Pyramid.
(1 / 2) An exciting that will provide hours of e unknown passages of a forg search of hidden treasure never know what's ahead! 2

Personal Finance and Investmen

Trendex Stock Trend Analysis.
(1 / 2 / 3) Provides trend indications for short, medium and long term periods based on professional formulas. Maintains intermediate trends for portfolio of your choice. Statistical procedures for analysis of trends and probabilities—not counsel to buy or sell securities.
26-1509 . . . . 49.95

Budget Management.
(1 / 2 / 3) A rific, low-cost way to keep up with control your home budget. It's vers and easy to use. Records up to 60 geted accounts with 25 cash expen plus 20 savings transactions and checks per month. Prints various rep with optional printer.
26-1603 1

Personal Finance Software

he year is 1999 and the
"spy saucers." It's up to
eal time" with your laser
ne skill levels.
. . . . 9.95

u vs. the computer in the
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vers. 26-1901 . . . . 19.95

our chance to escape!
like guard dogs, strange
e way out changes every
e same twice!
. . . . 14.95

aced Fun
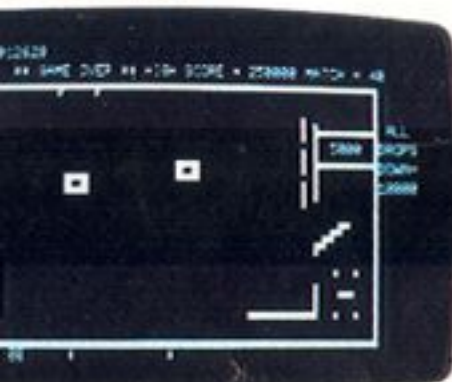
g, challenging adventure
enjoyment! Explore the
gotten Egyptian tomb in
. But be careful—you
26-1909 . . . . 14.95

Astrology. (1 / 2) Now it's easy to produce any-
one's horoscope in minutes! This fun program
comes with interpretive manual and beautiful wall
poster. You can even produce an astrological chart
with optional printer. 26-1605 . . . . 19.95

Raaka-Tu™. (1 / 2) Search the temple of a forgotten
civilization! Evade guards and reach the inner cham-
bers where treasures lie. Success comes to those
who are daring and resourceful. But be careful—
you'll need all the magic you can muster!
26-1915 . . . . 14.95

Casino Games I. (1 / 2) Place your bets! It's just
like Las Vegas—but you don't lose your shirt. In-
cludes Craps, Keno, Slot Machine, Roulette, Wheel
of Fortune and Baccarat. The safe way to gamble.
26-1806 . . . . 19.95

Put on a Show With "Dancing Demon"

(1 / 2) This
amazing devil
actually tap
dances to com-
puter accompa-
niment of "Ain't
She Sweet"!
You can even
create your own
musicals and
dance routines!
Requires audio
amplifier.
26-1911 . . . 9.95

t Software

A ter-
and
atile
oud-
ses,
50
orts

9.95

Cassette Portfolio. (1 / 2) Helps you
keep track of investments. Records
transactions and provides analysis of
yield, total market value and unrealized
gain or loss. Summary of investments by
type, including estimated total market in-
come and value. 20 stocks, 10 bonds, 5
funds, 10 options.
26-1506 . . . . 29.95

ary at individual stores and dealers.

Ready-to-Run Business Applica

SCRIPSIT™ Word Processing System

Only
39⁹⁵

Easily Prepare Correction-Free Documents

- **Edit, Move or Delete Text Before You Print**
- **Easy to Learn—Comes With Training Course on Cassette Tape and Manual**

(1 / 2) The cassette version of our popular word processing program! It's easy to compose and edit your text on the video display—then use an optional printer to produce high-speed, correction-free letters and reports. You can even save your text on cassettes for later revision or update. Features include centering, headers, footers and more! Lets you find or replace specified words, too. Professional word processing power at an incredible low price! 26-1505 . . . . 39.95

Advanced Stati

Analyze Data And Forecast Trends

(1 / 2 / 3) Ideal for business, education, administration. Programs for tape and disk data files include random sample, descriptive statistics, histogra analysis of variance, T-test lation and linear regressio sion, time series analysis, 26-1705 . . . .

Cassette Mailing List. through address books! K names and print labels (w entire list, or selectively by or other criteria. 80 names names with 32K. 26-1503

Especially for Programmers . . . Languages and Uti

Model III BASIC Tape Instruction Course. (2) Here's the perfect introduction to programming with Model III BASIC. Includes many helpful quizzes and carefully-chosen examples designed to reinforce what you learn. Features eight lessons and an introduction. Explains programming, editing, the use of variables, operators and commands, data storage, strings, special Model III BASIC features, machine language subprograms, and more! 26-2015 . . . . 24.95

Tiny Pascal. Great introduction to this structured programming language. Fixed point, non-array version of PASCAL. Includes sample programs, along with monitor, compiler and editor.
Model III Version. (2)
26-2020 . . . . 19.95
Model I Version. (1) 26-2009 . . . . 19.95

DEBUG. (1 / 2) For adva play blocks of memory in 12 mode. Displays Z-80 regis allows modifications to F cludes single step execu breakpoint interrupt 26-2000 . . . .

Series I Editor/Assemble language programming. In ual with Z-80 instruction se tures automatic line numb single-letter commands pl global search, more. Ass letter command with op psuedo-ops. Resides in me you can easily go back an and assembling. 26-2011

tions and Time-Saving Utilities

stical Analysis
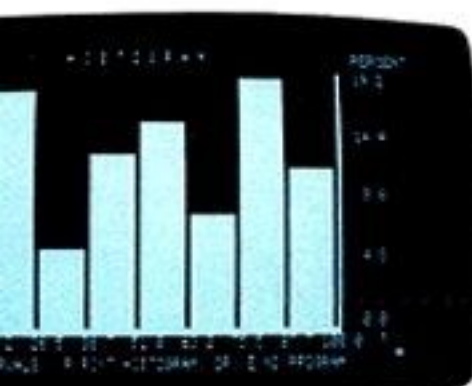
m, frequency distribution, for matched pairs, corre- n, multiple linear regres- and Chi square analysis. 39.95

1 / 2 No more searching Keep an updatable file of ith optional printer). Print Zip Code, company name per data file with 16K. 250 . . . . 19.95

Real Estate Series

Only
29⁹⁵
Each

- ■ **Easy-to-Use Decision-Making Tools**
- ■ **Ideal for the Agent, Investor, Broker, Lender or Appraiser of Real Estate Property**

1 / 2 Each package in Radio Shack's Real Estate Series includes two cassette tapes, each containing two programs, and an easy-to-under- stand 30-page manual.

Real Estate I. Features stepped income analysis, compound interest, rates of return and resale analy- sis. 26-1571 . . . . 29.95

Real Estate II. Includes mortgage amortization schedule, mortgage balances, mortgage payments and terms, and wrap around mortgage analysis. 26-1572 . . . . 29.95

Real Estate III. Features income and expense, appreciation or depreciation, variable income anal- ysis and after tax overall capitalization rate. 26-1573 . . . . 29.95

Real Estate IV Includes Ellwood analysis, overall rate, Ellwood graphs and sensitivity analysis. 26-1574 . . . . 29.95

lity Programs

nced programmers. Dis- 28 or 256-byte full screen sters and contents. Also RAM and registers. In- ution of programs and ion of execution. . . . . : . . 19.95

r. 1 / 2 For assembly ncludes editor and man- t information. Editor fea- ering, line renumbering, us optional parameters, embler features single- ptional switches, eight emory with the Editor, so d forth between editing 29.95

Find Just the Right Program in the TRS-80 Applications Sourcebook

Thousands of Program Listings!

Only 4⁹⁵

Includes Business, Education, Specific Industry/Profession, Statistics/Math, Home and Games Programs

This is "the" place to look for software! A listing of TRS-80 applications by a variety of vendors, with descriptions, prices. We haven't seen or tested the programs so we cannot be responsi- ble for any problems. 26-2114 . . . . 4.95

Our Most Affordable Desktop C
For Personal or Professional

**48K 2-Disk
With RS-232C**

2295⁰⁰

**48K 1-Disk
Without RS-232C**

1849⁰⁰

- Compact One-Piece Design
- 48,000-Character Internal Memory
- One or Two Built-In Double-Density
  5¹/₄" Mini-Disk Drives—184K Each
- Expand With External Floppy or Hard Disks
- Typewriter-Style Keyboard With Datapad
- Built-In High-Resolution 12" Monitor
  Displays Upper and Lower Case Characters
- Complete System—Just Add a Printer
- Huge Library of Software Available

The Model III is a full-fea
and it can increase th
manager—just plug in an
agement programs. You
keep track of your appoint
automatically update your
records of your activiti
SuperSCRIPSIT™ and a p
reports, business letters a
ning, forecasting and mo
easy way with VisiCalc®
Electronically automate yo
the Profile® III Plus data b
Develop presentations w
graphics package that
graphs or charts or add th
option. You can add our a
roll and mailing list progra
tional languages you can
Compiler BASIC, CO

omputer Use!

...tured personal computer, ...e productivity of every ...y of our disk-based man- ...can let Time Manager™ ...ments and "to do's." It will ...calendar daily, and keep ...es and expenses. Add ...rinter to prepare and edit ...nd memos. Do your plan- ...del development the fast, ...° and Desktop/Plan™-80. ...ur filing and reports with ...ase management system. ...ith our handy business ...automatically generates ...e high-resolution graphics ...ccounting, inventory, pay- ...ms, too. And with our op- ...program in your choice of ...BOL, FORTRAN and

Assember. The 2-Disk model provides 368K of disk storage and includes a built-in RS-232C Serial Communications Interface. Just add a modem and cable to communicate with other computers or access national information networks by phone. Add the RS-232C interface and a second internal drive to the 1-disk version to expand from 184K at any time. And you can also add up to two external drives—or, for larger applications, you can add the Model III Hard Disk. Comes with Disk BASIC and TRSDOS operating system, easy-to-follow owner's manual *and* comprehensive programming manual. U.L. listed.

48K 2-Disk Model III. 26-1066 . . . . . . 2295.00
48K 1-Disk Model III. As above, but without RS-232C interface. 26-1065 . . . . 1849.00

(For basic Model III specifications, see page 18.)

External Disk Drives At Affordable Prices

Increase the disk storage of your Model III Desktop Computer. High-capacity 184K external double-density 40-track 5¼" mini-disk drives. Internal Drive #1 required. $6^{1}/_{4} \times 3^{1}/_{2} \times 14^{1}/_{2}$". U.L. listed.

Disk Drive 3. 26-1164 . . . . 449.00
Disk Drive 4. 26-1161 . . . . 449.00

Who is the disk Model III for?

The disk-based Model III is the perfect desktop computer for busy managers and professionals who need a proven system with an extensive software library. It is excellent for running "electronic spreadsheet" programs to do budget planning and forecasting. Personal computer users like it for its advanced features and expandability. Many school systems choose it as the teacher station to control a network of low-cost Model III student stations. Professional writers use it as the key to an inexpensive, full-feature word processing system.

One-Disk Model III Manager's System Improves Productivity

Two-Disk Wor For Professio
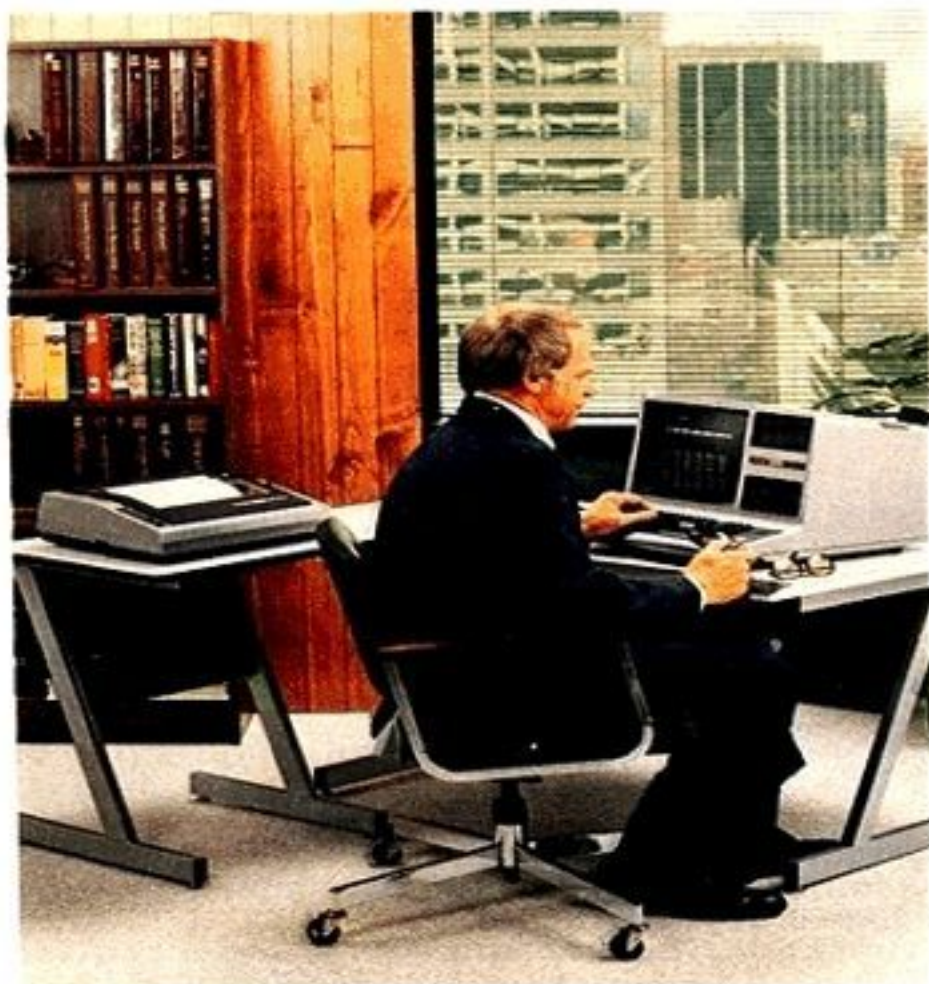
2965⁰⁰

- Ideal for Planning
- Produce Reports Fast

3999⁰⁰

The 1-disk Desktop Business Computer (26-1065) and our DMP-200 (26-1254) printer make a manager's dream come true! Just add our VisiCalc® software for financial planning and forecasting. You'll be able to analyze "what if . . . " situations in seconds. Get our Profile® program and create your own "customized" electronic filing system. Or turn your Model III into a powerful word processor with SCRIPSIT™ to produce "correction-free" correspondence and reports. This deluxe system is complete with System Desk (26-1305), Universal Printer Stand (26-1308) and printer cable (26-1401). It's ideal for any manager's office. The greatest time saver and productivity multiplier available!

Our SuperSCRIPSIT™ so
Model III Desktop Bus
team up to give you low-c
cessing. Letters and doc
on the video screen—n
print all the correction-fre
the "letter-quality" DWP-
Printer (with cable, 26-140
SuperSCRIPSIT features
underline, double under
subscripts, multiple colur
you can save the comple
never be the same! Add c
perform other business

rd Processing
onal Results!

■ Fast Input and Editing
■ Letter-Quality Copies

oftware (26-1590) and 2-disk
iness Computer (26-1066)
cost, full-featured word pro-
cuments can be composed
naking editing easy. Then
e "originals" you need on
-410 (26-1250) Daisy Wheel
01) at 300 words per minute.
s true proportional spacing,
line, bold face, super and
mn printing and more. And
ted text on disk. Typing will
ur ready-to-run software to
asks, too.

Model III Disk System Software
TRSDOS™ Operating System

Model III Desktop Business Computers include TRSDOS to provide the input/output functions needed to operate the disks. TRSDOS lets you easily take advantage of the vast file storage space and faster access times you get with disks. Model III TRSDOS includes many important additions to our popular and proven Model I TRSDOS and contains features from our Model II TRSDOS. These include:

HELP—"On-line" assistance for command syntax

ERROR—Provides meaning of error codes

DO Files—Allows automatic execution of stored commands

DUAL—Automatic printing of screen display

TIME/DATE—Keeps track and displays

DEBUG—Aid for debugging machine language programs

TAPE—Transfers machine language tapes to disk

FREE—Visual display of disk space

Utilities— Provides Copy, Backup, Patch, other utilities

Disk BASIC

Disk BASIC provides a number of extensions to our ROM-based Model III BASIC, including many features for disk file access. The Disk System Owner's Manual includes sample programs and full explanations. Features include: CMD functions, which allow you to examine Disk directory from Disk BASIC, protect programs from BREAK key, string sort and cross reference. Random or sequential access of files, machine language options, definable functions, string search for portions of strings, and LINE INPUT that accepts any keyboard character including commas and quote marks are also included.

Low-Cost Internal Disk Drives

Upgrade your Model III from a cassette system. **Disk Drive Kit 1.** Includes TRSDOS, Disk BASIC and manual.
26-1162. . . . . 799.00*
Disk Drive Kit 2.
26-1163 . . . . 349.00*
*Price does not include required installation.

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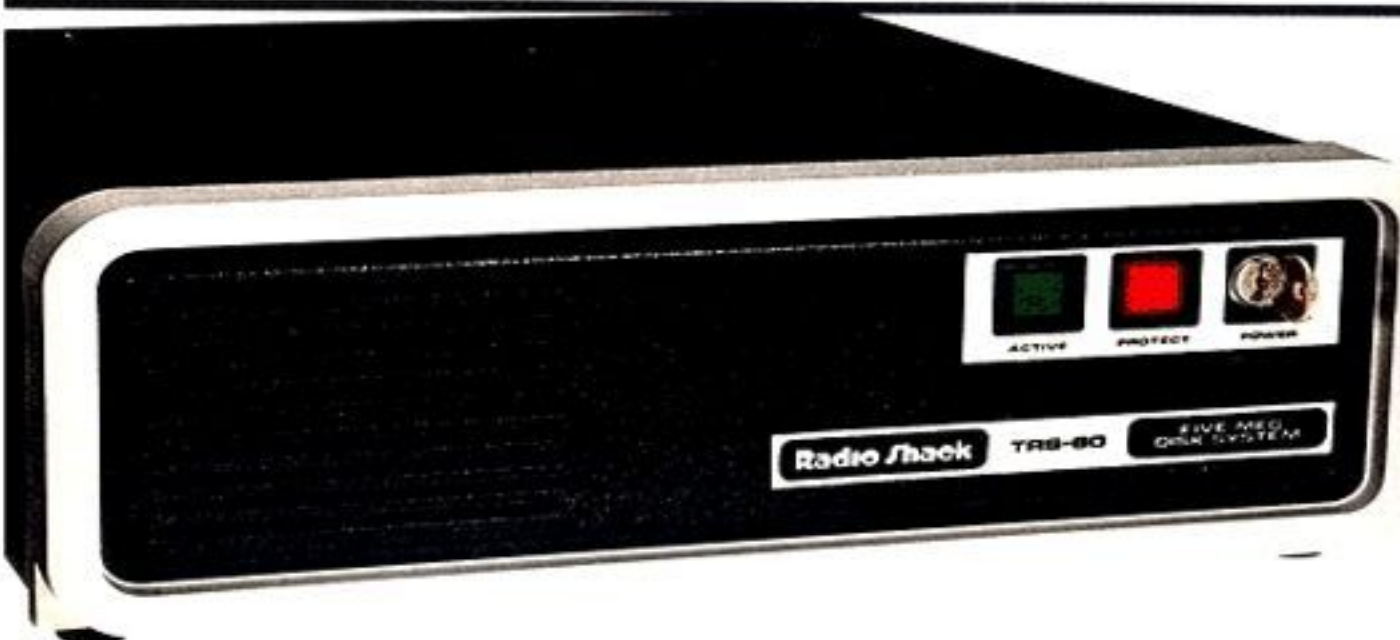
I/III Ⓐ Our 5 megabyte Hard Disk System gives you vastly increased data storage—with exceptionally fast access and ease of use. Winchester technology can provide dramatic improvements in speed. The advanced operating system's many superior, user-friendly features make file handling a breeze. Store over 1000 different files per disk system or create files as large as the available space. The directory is alphabetized to make locating and accessing files quick. High-level communication is available through an advanced communication package that allows direct downloading to disk. A print spooler is included, too. The Job Control Language allows you to

compile and later execut
commands, including scree
tionals, and user interacti
scale operations virtually
addition to ordinary backup
ing up only those files tha
modified in certain date ran
or do not already exist on t
backing up from hard disk
will span a large file acros
allow easy identification of
a file on the hard disk. Ot
board type-ahead for fas

Add High-Resolution Graphics to Your TRS-8

- For Business, Engineering or Entertainment
- Easy-to-Use Graphics BASIC Included
- Provides 153,600 Picture Elements (640 × 240)
- Use Assembly Language Subroutines
- Quickly Draws Lines and Fills in the Spaces

III Ⓒ Now you can turn your TRS-80 Model III video display into a remarkable electronic "sketch pad" to create sophisticated business graphs, tables, charts, maps, illustrations, geometric patterns—and animation! The 153,600-pixel display allows amazingly fine detail, and the Graphics BASIC command structure is a snap for anyone. All you need to learn are a few
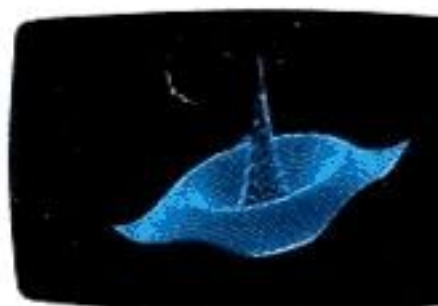
new commands (summa
incredible power in cre
quickly and easily. Incl
board, user's manual an
BASIC and subroutine lib
(not included).
26-1125 . . . .

www.RadioSha

...ard Disk Drive Adds 5 Megabytes
...Storage to Your Model III and I

$249500
Primary Hard Disk System

$199500
Secondary Hard Disk System

- Add Up to 3 Secondary Hard Disk Drives For a Total of 20 Megabytes of Storage
- Compatible With Most Model III/I Software
- Large Capacity and High Speed Make It Ideal For Inventory, Accounting, Data Base Filing
- Operating System Enhances Familiar TRSDOS Commands With Convenient Hard Disk Features
- BACKUP's Special Features Allow Easy Selection Of Specific Files and Fast Backup of Large Files to Multiple Diskettes

...e a predefined series of ...en and audio alerts, condi- ...on to make many large- ...automatic. BACKUP, in ...o functions, permits back- ...t have been modified, or ...ges, or even those that do ...he destination disk. When ...k to diskettes, the system ...ss multiple diskettes and ...diskettes when recreating ...her features include key- ...t data entry, a versatile

printer output formatting program, key redefinition, and more. Extensive user's manual included. U.L. listed.

Primary Drive. Includes Hard Disk Operating System with BASIC. 26-1130 . . . . 2495.00

Secondary Drive. Installation required (not included). 26-1131 . . . . 1995.00

Model I Adapter Kit. Includes Adapter, cable and diskettes. Note: May require installation (not included). 26-1132 . . . . 39.95

...0 Model III

36995
Plus Installation

...rized at right). They have ...eating complex graphics ...udes 32K RAM memory ...d diskette with Graphics ...rary. Installation required

. . . . 369.95

Summary of Graphics BASIC Commands
CIRCLE—Draws a circle, arc or ellipse.
CLS—Clears a character or display screen.
GET—Reads the bit-pattern in a block on the display screen into an array for alteration and future use.
LINE— Draws a line between points.
PAINT—Paints an area in a specified style.
POINT—Checks to see if a point is on or off.
PRESET—Turns a pixel on or off.
PUT—Puts contents (bit pattern) of an array onto the screen. Used in creating animation.
SCREEN—Screen Command/Flash mode. Useful in speeding up the display in painting and motion. Turns graphics screen on or off.
VIEW—Defines the coordinates of a specified block (called the "viewport") on the screen.
VIEWPORT—Draws a viewport.

Save Time With Our "Manager

**Let Your
TRS-80
Computer
Manage
Your
Business
Day!**

- **Keep Track of Your Priorities and Expenses**
- **Create Charts of Time, Tasks and Resources**
- **Transfer Information Between the Programs**
- **Very Easy to Use—No Programming Required**

These programs are an invaluable aid for any manager. They increase your productivity by helping to plan, organize, schedule, and record your business and personal affairs. And once you've learned to use one program in our management series, you can easily add them all. Each one can "talk" to the others—so you can enter dates and schedules in one and transfer the information to another. Printer is optional.

Time Manager™

I/III D A personal calen
notebook. Helps you org
ness information, and c
Daily agenda, plus a "to
completed items to the
keyword. Totals hours w
26-1582 . . . .

Project Manager™

I/III D Graphically dis
ways to allow evaluation
extended resources. V
quence, personnel, mate
effect of any changes.
dates will appear on Tim
26-1580 . . . .

Personnel Manage

I/III D Organizes inform
ing schedules and salari
and clients. Files can b
company, product or ser
ries. Organize data for
ployee performance. P
lists. 26-1581 . . . .

**Minimum
System
Requirements
For Disk
Software**

I—Model I
III—Model III
I/III—Model I and
        Model III
A 32K 1-Disk
   System
B 32K 2-Disk
   System
C 48K 1-Disk
   System
D 48K 2-Disk
   System

Planning and Forecast

Enhanced Model III VisiCalc®

III C A versatile management and engineering
planning tool, VisiCalc is an "electronic" columna
pad. You define the formulas, enter the figures and
VisiCalc performs all calculations automatically
Change any value or formula, and VisiCalc instantly
updates every related number! You can view count
less "what if . . ." situations in seconds. And you car
save your model on disk for use or revision later
Enhancements include an entry editor to speed
worksheet preparation by allowing you to modify for
mulas and labels without re-entering them. Logica
and comparison operators to perform testing and
branching. Optional printer allows you to print any
portion of your worksheet. 26-1569 . . . . 199.0

r Series"

dar/reminder and electronic
ganize your time and busi-
reates permanent records.
o do" list that transfers un-
next day. Searches files by
orked and expenses.
. . . . 99.95

plays a project in several
and scheduling, spot over-
View project by time, se-
erials, or resources. Shows
Prepares charts. Important
e Manager.
. . . . 99.95

r™

ation on employees, includ-
es, plus business contacts,
e searched for a person,
vice by pre-defined catego-
evaluating vendor or em-
repare telephone, mailing
. . . . 99.95

Business Graphics Analysis Pak
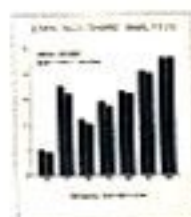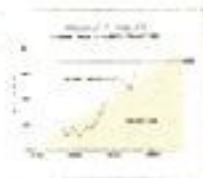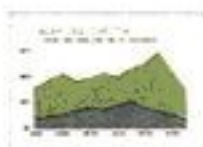
- ■ **Select Pie, Bar, Line or Scatter Charts**
- ■ **Easy Data Manipulation and Text Editing**

III Ⓓ Great for corporate planners, analysts, man-
agers or small businessmen. Select a picture type,
supply the data, and the program quickly displays
your graph on the screen. Creates a graph larger
than the screen and scrolls to portions of it. Allows
editing of titles and labels before printing. Options
include the size, shape and format of the chart, ad-
justing the scale range, adding shading and a frame,
and much more. Enter data from keyboard or from
disk files—including VisiCalc. Produces charts on
selected Radio Shack printers or multi-pen plotter.
26-1597 . . . . 174.95

ting with VisiCalc® and Desktop/Plan™-80

Invaluable for . . .
- ■ **Model Development**
- ■ **Budgeting**
- ■ **Sales Projections**
- ■ **Scheduling**
- ■ **Pricing**
- ■ **Ratio Calculations**
- ■ **Profit & Loss Projections**
- ■ **Cash Flow**

New! VisiCalc Business Forecasting Model™
III Ⓒ Generate the financial reports you need—
income statements, balance sheets, cash flow, finan-
cial ratios, sales and cost of goods for multiple
products, salary worksheets, asset and depreciation
schedules. Sheets interact. Requires VisiCalc.
26-1521 . . . . 99.95

Desktop/Plan™-80
III Ⓒ Allows you to analyze probable results of busi-
ness decisions. Consolidates sub-models into one
summary model, transfers lines from several budg-
ets to a summary budget, prints reports and line
charts, receives data from VisiCalc files to produce
reports. 26-1594 . . . . 199.00

Save Time and Effort With Word

- **Simplify Typing—Get Correction-Free Reports, Letters and Documents Every Time**
- **Increase Efficiency and Productivity**
- **Easy to Use—No Special Training Required**

TRS-80 SCRIPSIT word processing can make any-one's work easier. With SCRIPSIT, you can prepare memos, letters and manuscripts error-free! How? By simply entering and editing your text right on the video screen—making corrections, adding or delet-ing sentences and words, moving paragraphs, and more—electronically! When you have your text just the way you want, you can print as many "correction-free" originals as you need. And frequently used reports and forms can be stored on diskette for use again and again—and updated at any time.

SuperSCRIPSIT I D III C Our most powerful word processing program for Models III and I. Ad-vanced features include true proportional-spaced printing, multiple line spacing (including half-space), and "save and recall" multiple paragraph formats. You get align tabs, automatic pagination and user definable print codes, too. SuperSCRIPSIT supports underline, double underline, boldface, super and subscript, and multiple column printing (depending on the printer you choose). And there's a convenient "help" function, too. Frequently-used words or phrases can be assigned a user key. Whenever that key is pressed, the word or phrase is displayed in-stantly! Documents can be as large as the available space on a disk (about 30,000 words on Model III).

Create "personalized
SuperSCRIPSIT or by inte
Profile III Plus (Model III
training course on audio ca
reference manual and r
printer. 26-1590 . . . .

**SCRIPSIT Spelling Dictio
letters and memos with en
The SCRIPSIT Dictiona
TRS-80 into a fast and ef
automatically checks for m
tionary quickly finds spel
each word to the Master Li
ized User List. If the word is
highlighted. You can corre
unique to your business o
User List. Contains over
words (34,000 with Model
to 2045 words with a 48K s
rial prepared with SCRIP
ASCII files. 26-1591 . . . .

SCRIPSIT. I/III A Fe
search" mode, reformat
tering, headers, footers, ju
settings, automatic page n
low-cost SCRIPSIT progra
for smaller documents a
vanced printing features. V
cassette course, and quick
printer. 26-1563 . . . .

Programs to Help Keep Your Stock Portfolio

Standard & Poor's STOCKPAK System.
I/III B Maintains a portfolio of up to 100 securities. Sample data base includes 900 NYSE, AMEX and OTC stocks. Monthly updates available on diskette by optional subscription from Standard and Poor's. Use the STOCKPAK to create custom stock re-ports, analyze the stock data base using a variety of criteria you select, and view samples from the 900-stock data base. 26-1507 . . . . 49.95

NEW! Disk Trendex. I/III
indications for short, med
ods. Analysis accomplishe
used by professional inves
intermediate trends for p
Plots trend change for ma
cal procedures for analysi
and probabilities—not cou
ties. 26-1510 . . . .

Processing

'' form letters using
erfacing the program with
only). Includes self-paced
assettes, training manual,
eference card. Requires
. . . . 199.00

onary. I/III* B No more
mbarrassing misspellings!
ary program turns your
ficient ''proofreader'' that
nisspelled words. The Dic-
ling errors by comparing
st and to your own special-
sn't on the lists, the word is
ct the word or, if it's a term
r profession, add it to your
73,000 commonly used
I). User list can contain up
system. For any text mate-
PSIT, SuperSCRIPSIT, or
. . . . 149.00

atures include a "global
tting, hyphenation, cen-
stification, margin and tab
umbering, and more. This
am is designed especially
nd does not include ad-
Vith training manual, audio
x reference card. Requires
. . . . 99.95

in Order

A Provides stock trend
ium and long term peri-
d with the aid of formulas
tors for years! Maintains
ortfolio of your choice.
rket and stocks. Statisti-
s of stock market trends
nsel to buy or sell securi-
. . . . 59.95

Data Base Management

Create your own personalized electronic filing system! Managers can keep track of price lists, business inventories, vendor and customer records, personal projects, and more!

Organize With Profile® III Plus

- **Our Most Powerful Model III Electronic Filing Program**
- **Includes All Features of Our Popular Model II Program**
- **No Computer Experience is Needed**

Profile III Plus. III D This versatile program meets needs ranging from "data bases" of customers and accounts to prices and parts. You decide! Stores up to 2500 one-segment records that are 100 characters in length. Store even more with additional drives or different size records. You can specify records of up to 1020 characters in length, and create as many as 99 fields per record. Tailor up to five different data entry screens. Indexing allows high speed access using any one of 36 fields as search criteria. A math package performs arithmetic operations and updates other fields. Prints up to five different user-defined reports and mailing label formats per file, selecting by up to 16 criteria at a time (requires printer). You can create custom "operator" menus, and pass records to VisiCalc and SuperSCRIPSIT for reports or form letters. 26-1592 . . . . 199.00

NEW! Hard Disk Version. III C All the features of Profile III Plus and more for the hard disk owner. Increases the number of records in your system and offers extra sorting features. 26-1593. Available 5/15/83 . . . . 299.00

Profile. I/III A Set up a data entry screen and report—in just seconds! Access names, addresses, accounts, personnel records and more. Ideal when changes are infrequent. Files can interact with your BASIC programs. Printer optional. 26-1562 . . . . 79.95

Programs to Streamline Your Accounting

General Ledger I. I/III Ⓑ For small businesses with up to 100 accounts. 240 entries per session, up to 1830 per month. 26-1552 . . . . 99.95

Inventory Control I. I/III Ⓑ Retail inventory record keeping and control for up to 1000 items. Tracks vendors, order dates, backorders, out-of-stock and on-order items. 26-1553 . . . . 99.95

Accounts Payable. I/III Ⓑ Prints checks, register, cash flow analysis, and activity summary. Handles 75 vendors with 1000 transactions, or 200 vendors with 800 transactions per month. 26-1554 . . . . . 149.95

Accounts Receivable. I/III Ⓑ Monthly statements, aging reports, activity analysis, and automatic totals for posting to your company's General Ledger. Easy access to accounts for updating, deleting or printing. Handles 300 customers with 1000 transactions, or 100 customers with 2000 transactions per month. 26-1555 . . . . 149.95

Disk Payroll. I/III Ⓑ Handles up to 100 employees, with up to 14 user-defined earnings and deductions categories. Prints payroll checks with W-2 forms for any state. 26-1556 . . . . 199.95

Business Mailing List. I/III Ⓑ Prints two-across labels. Fast sort in Zip Code or alphabetical order. Handles 990 names with 32K 2-Disk, or 2970 names with 48K 4-Disk. 26-1558 . . . . 99.95

Manufacturing Inventory Control. I/III Ⓑ Handles up to 1900 raw materials, up to 20 finished goods per diskette. Prints bill of materials, finished goods list, and more. 26-1559 . . . . 199.95

See Page 22 for Model III Disk Systems

Hardware Requirements

I = Model I only   Ⓐ 32K 1-Disk System
III = Model III only   Ⓑ 32K 2-Disk System
I/III = Model I and III   Ⓒ 48K 1-Disk System
   Ⓓ 48K 2-Disk System

*Requires 3-Disk System on Model I with SuperSCRIPSIT.

New! Agricultural

- ■ **Instant Access To Ag Information**
- ■ **Specialized Weather Forecasts**
- ■ **Market Advisories**
- ■ **Information From Commodity Exchanges Updated Every 10 Minutes**

AgriStar. IIIⒸ Now an manager or agribusiness instant access to the ever- mation. Only ten minutes information that affects th profits. Get 24-hour acces cialized weather reports crop areas, market analys and much more. AgriStar with quarterly updates, a scription to Farm Futures and 24-hour access to a to to the AgriData Network s to AgriStar over your telep and a telephone modem months of service—conr charges billed separately basic service fee is only 26-2227 . . . .

Fast and Easy Bo

Business Checkwriter writer, a detailed check s voices, and a bank recon Checkwriter is as easy to yet you get the speed and Handles multiple account 100 expense categories (i category), 375 total check with 10 detail lines per ch checks, and records multi tains your current bank tot discounts and expenses stubs, check register, ex summaries, payee lists a printer. 26-1585 . . . .

Information Network

y professional farmer, farm
executive can easily gain
changing world of ag infor-
a day keeps you on top of
e farm business and your
s to agricultural news, spe-
and forecasts for specific
es and recommendations,
gives you a user manual
reference flipchart, a sub-
s magazine, a newsletter,
oll-free support service and
ystem. You simply connect
phone using the Model III
n. (Price includes first six
nect fees and information
y. After six months, your
$39 a month.)
. . . . 199.95

okkeeping System

. III ⅅ You get a check
tub for paying multiple in-
ciliation system. Business
use as filling out a check,
accuracy of the computer.
s individually, 100 payees,
including a miscellaneous
s and deposits per period,
eck. Records handwritten
ple daily deposits. It main-
tal, too. Check stub details
. Prints checks, detailed
pense and payee-to-date
nd expense list. Requires
. . . . 149.95

Languages And Utilities

COBOL. I/III ⅅ Based on the ANSI '74 stand-
ard. Provides single-step compiler for fast execu-
tion, multi-key ISAM for quick data access,
COBOL editor for creating and changing source
programs, DEBUG for program development
and testing. Includes 297-page manual with Sys-
tem User's Guide, COBOL Editor Guide, and
COBOL Reference Manual. 26-2203 . . 199.00

Compiler BASIC. I/III ⅅ Features single-key
ISAM, interactive DEBUG, and cross-reference.
(Note: Intended for program development and
not for conversion of existing software. Not com-
patible with Level II or Model III BASIC pro-
grams). Includes Compiler and Run-Time
Diskettes and manual. 26-2204 . . . . . . 149.00

Run-Time Diskettes. I/III Ⓒ For those who
sell software developed on our Compilers.

Run-Time Diskette	Model I	Model III	Each
COBOL	26-2206	26-2207	30.00
Compiler BASIC	26-2208	26-2209	20.00

FORTRAN. III ⅅ Write programs in FORTRAN
using EDIT-80, a powerful editor with commands
for interline and intraline editing. With compiler,
linking loader and arithmetic library subroutines.
Includes 250-page manual.
26-2200 . . . . 99.95
FORTRAN. I Ⓑ 26-2201 . . . . 99.95

Editor/Assembler, Series I. I/III Ⓐ Allows
advanced programmers to program in Z-80 as-
sembly language. Includes editor/assembler,
sample programs, and extensive 255-page man-
ual—including detailed descriptions of the Z-80
mnemonics. 26-2013 . . . . 34.95

BASIC Programming Courses

Model III BASIC Course. III Ⓐ Eight self-paced
lessons on diskettes that teach you to program in
Model III BASIC. Introduces variables, arrays,
logical and arithmetic commands, strings, subrou-
tines and more. 26-2010 . . . . 29.95

Model III Disk Course. III Ⓐ Four self-paced
lessons on diskettes that cover Disk BASIC and
TRSDOS, including sequential and random ac-
cess files with examples of use.
26-2014 . . . . 29.95

LDOS™ Operating System

LDOS is an advanced operating system that offers the TRS-80 user many features and enhancements that are not included in TRSDOS. It adds data transportability—read LDOS diskettes on a Model I or on a Model III. Includes a Job Control Language to control an unattended computer, a terminal utility, keyboard type-ahead, printer spooling to memory and/or disk, a printer output formatting program, and device independence—linking, routing and filtering. Includes an extensive operating manual with examples of functions, a glossary and handy cross-reference index. Most Radio Shack software is supported under LDOS (documented with purchase).

Model I Version. Also supports double-density disk kit (26-1143). 26-2213 . . . . 129.00
Model III Version. 26-2214 . . . . 129.00

New! BASIC Routi

"BFBLIB" BASIC Fas Library. This diskette giv niques, subroutines, funct tricks—as described in t *Faster and Better* 62-100. Merge the routines you charge your BASIC pr each function, utility, and your own needs, or use as III 2-disk systems. 26-20

Increase the Disk Storage of Your Model I W Our Double-Density Disk Kit

149⁹⁵ Installation is Available Through Radio Shack

- Adds Many Advanced Features of Powerful Model III TRSDOS
- Use With 35 or 40-Track Systems

TRS-80 Model I Double-Density Disk Kit. With 35-track drives, disk capacity per diskette is increased to 152,000 characters, and with 40-track drives to a full 184,000 characters. In addition to new TRSDOS features (see table below), we've also added most of Model III's Disk BASIC features, including a series of CMD functions. Modifi-

cation of some existing software Radio Shack applications softwa or supported for double-dens includes manual, reference ca Double-Density TRSDOS opera ette. Price does not include re 26-1143 . . . .

Advanced Features Available With the Double-Density

COMMANDS	DESCRIPTION
BLINK	Turns blinking cursor ON/OFF
BUILD/DO	Automatic Command Files
CLEAR	Clears User Memory
CLS	Clears Screen
CONFIG	Specify Drive Types
CREATE	Pre-Allocated Files
DUAL	Output to Video and Printer
ERASE	For File Confidentiality
ERROR	Descriptive Error Messages
FILFIX	Modifies Disk Files

COMMANDS	DE
FREE	Includes
HELP	Syntax o
PATCH	Alter Disk
PURGE	Delete M
RELO	Alter Prog
SETCOM	Set RS-2
SPOOL	In-Memor
TAPE	Tape/Dis
UNKILL	Restore
WP	Write Pro

28

nes Diskette

ter and Better
es you 121 tech-
tions, utilities and
he book, *BASIC*
2, (not included).
need and super-
ograms. Modify
l program to suit
is. For Model I or
21 . . . . . . 19.95

Fascinating and Fun Disk Games

**All Games Require
32K 1-Disk System**

ZORK™. Fantasy of danger and opportunity! Find treasures in this complex adventure game.
Model I ZORK.
26-1950 . . . . 39.95

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Requires board game and optional mini-amplifier.

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may be required.
are is not available
ity operation. Kit
ard, adapter and
ating system disk-
quired installation.
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Update Your TRS-80 Model I With Memory Expansions and More!

It's easy to add to your Model I—just bring your keyboard to any participating Radio Shack and we'll take care of the rest! Prices are for parts only—required installation is extra.
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Lower Case Kit. Add lower case characters to your Model I. "Driver" tape included. NOTE: Some non-Radio Shack software will not run with this kit installed. Not intended for use with programs written in upper case format.
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Mounts inside Expansion Interface and lets you connect modems, serial line printers and more. Includes manual, cable and cassette program for using your TRS-80 as a terminal.
26-1145 . . . . 99.00

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y Disk Kit

SCRIPTION
Space Map
Commands
Files
ultiple Files
gram Load Address
32C Values
y Print Spooler
RAM Transfer
Killed File
ect a Disk

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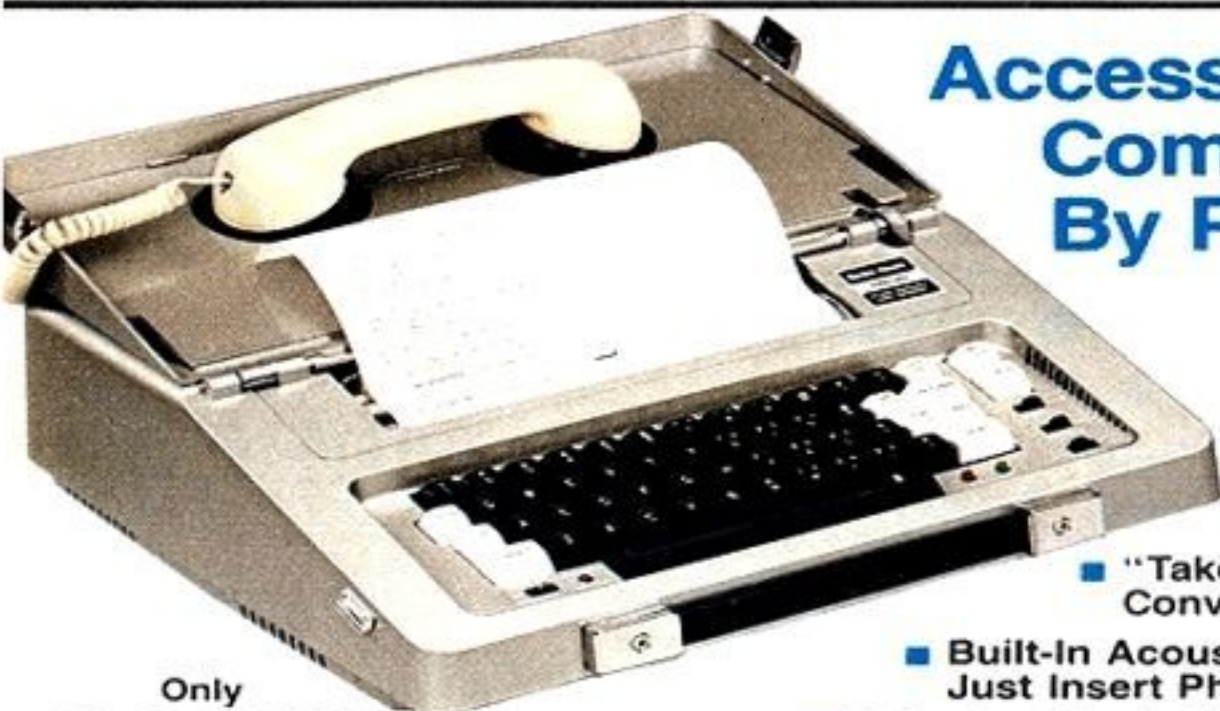
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Telephone handset not included

- "Take It With You" Convenience
- Built-In Acoustic Coupler— Just Insert Phone Handset
- Quiet Dot-Matrix Thermal Printer
- Full-Size ASCII Typewriter Keyboard

PT-210 Portable Data Terminal. Now you can access your office computer and information networks even when you're on business trips! It's easy—just plug in the detachable AC line cord, dial a phone number and slip the telephone handset into the PT-210's built-in acoustic coupler. You're now ready to transmit and receive data from virtually any modem-equipped computer. Prepare reports with the built-in whisper-quiet 5×7 dot-matrix thermal printer. Switch-selectable digital keypad. Enclosed in an attache-type case and weighs only 15 pounds. U.L. listed. FCC registered. 76-1001 . . . . 995.00
Thermal Paper. 8½" wide, 100-ft. roll. 76-1003 . . . . 6 rolls/24.95
Travel Case. Padded vinyl, handy inside pockets. 76-1010 . . . . 24.95

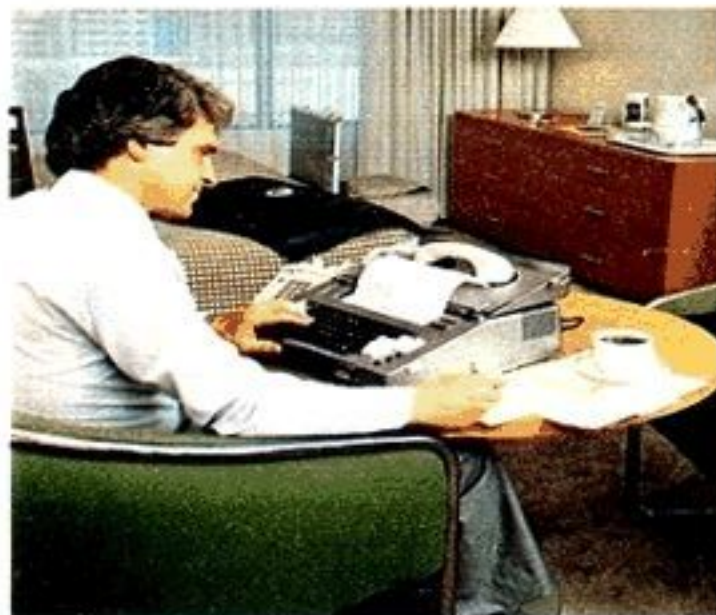**Specifications.** *Communication Method:* Asynchronous, serial by bit, serial by character. *Parity:* Odd, even, none. *Speed:* Switch selectable: 110 baud—11-bit/character; 300 baud—10-bit/character. *Mode:* Full or half-duplex. *Code:* ASCII. *Line Status:* On line/local. *Line Buffer:* 48 characters. *Compatibility:* Bell 103A or equivalent. *Coupler Mode:* Originate only. *Receive Sensitivity:* −40 dBm. *Keyboard:* Standard ASCII with 67 printable characters, 99 codes, 32 control characters. *Printer:* Non-impact thermal, 35-element (5×7) matrix, contrast adjustable, 50 characters per second. *Paper:* Thermographic, 8½" by 100' roll. *Line Length:* 8" (80 characters per line), 6 lines per inch. *Indicator Lamps:* Carrier detect, character error, power on. *Bell:* 250 ms, audible tone. *Dimensions:* $5 \times 15½ \times 14½$". *Power:* 120VAC, 60 Hz, 75 W.

RS-232C Interface Module
Converts your PT-210 into a dumb terminal/printer that connects directly to your office computer (cable not included). 76-1002 . . . . . 69.95

Our Versatile "No Compromise" TRS-80 Video Data Terminal

699^{00}

Emulates Four Popular Terminals Through Keyboard-Selectable Configuration —No DIP Switches

- Non-Volatile Memory Retains Configurations Even When Power is Off
- Ergonomic Designed Keyboard is Easy to Use, Easy on the Fingers
- Full 80 × 24 Modifiable Video Display With Dual-Speed Cursor
- Keyboard-Selectable Data Transfer Rates from 75 to 19,200 Baud
- Two Printer Interfaces—Parallel and RS-232C Serial

TRS-80 DT-1 Data Terminal. Ideally suited for communications with advanced systems like our Multi-User Model 16 (see page 5) or other host computers. With a low-cost Radio Shack modem, it can also access time-sharing information networks. It's completely code compatible with the TeleVideo® 910, Lear Siegler® ADM-5, ADDS 25 and Hazeltine® 1410 terminals. You can change the configuration from the keyboard at any time. The DT-1's revolutionary EEPROM (Electrically Erasable Programmable Read-Only Memory) retains the protocol even when the power is off—and without battery back up! Full 80 × 24 display shows upper and lower case characters. Special single-character symbols are used to display control characters. A local monitor mode lets you enable printer ports and position the cursor using local control and escape modes. Control key termination codes are user programmable. Features repeating keys, electronic bell, and more. U.L. listed.
26-6050 . . . . 699.00

Specifications

Data Transfer: Ten keyboard selectable rates: 75, 110, 150, 300, 600, 1200, 2400, 4800, 9600, 19,200 baud. *Video Size/Format:* 24 lines of 80 characters, upper and lower case. *Cursors:* Four keyboard-selectable types: Steady or Blinking Block, Steady or Blinking Underline. *Video Attributes:* Normal, Reverse, Invisible, Blink, Underline and Half-Intensity Video. *Keyboard:* 70-key, including 12-key datapad. *I/O Ports:* One RS-232C communications port, one serial and one parallel printer port. *Dimensions:* 12½ × 18⅞ × 21½". *Power:* 120VAC, 60 Hz, 30 Watts.

ary at individual stores and dealers kCatalogs.com

TRS-80 Data Communications Modems

149⁹⁵
Acoustic
Coupler
AC-3

249⁰⁰
Programmable
Direct-Connect
Modem II

149⁰⁰
Direct-Connect
Modem I

Choose the Radio Shack Modem That's Best for You

All are compatible with any RS-232C-equipped TRS-80. Bell 103, 300 baud, full duplex, originate and answer. Direct-connect modems have modular phone plug. FCC registered. U.L. listed 120VAC power module.

Acoustic Coupler AC-3. Ideal for travelers! Just dial the desired number and place handset on interface. Half duplex also. Sensitivity: − 42 dBm. $2^3/_8 \times 4^3/_4 \times 10^1/_4$". 26-1174 . . . . 149.95

Direct-Connect Modem I. Plugs directly into phone outlet—ideal for home or office. Sensitivity: − 43dBm (orig.), − 48 dBm (ans.). DB25 and 4-pin DIN connectors. $2 \times 6^1/_2 \times 7^1/_2$". 26-1172 . . . . 149.00

Auto-Answer, Auto-Dial D.C. Modem II. Fully programmable! Automatically dials and answers phone, receives and transmits data—even hangs up the phone. Remote and local test modes. Pulse or tone dial. Half duplex also. Sensitivity: − 40 dBm. $2 \times 6^1/_2 \times 7^1/_2$". 26-1173 . . . . 249.00

Note: Use only with Bell-compatible equipment. Direct-connect modems are not for multi-line use without optional-extra controller.
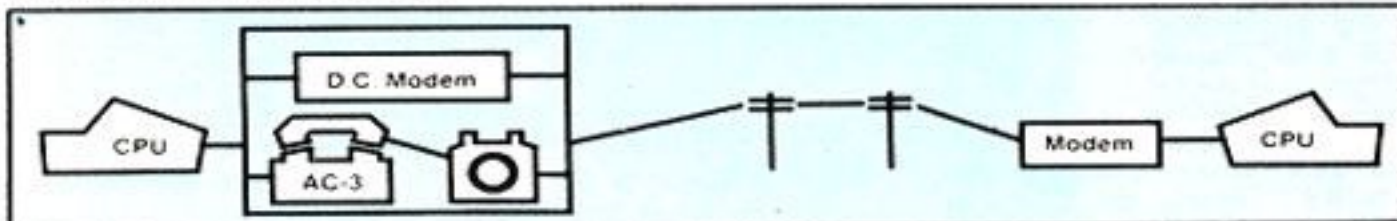
What is a Modem and Why Do You Need One?

A modem (short for "modulator-demodulator") is an electronic translator that converts the electronic impulses that make up computer information into tones that can be sent over telephone lines. It likewise translates incoming messages so your computer can process them. Modems make it possible to access electronic information services like CompuServe® and Dow Jones News/Retrieval®, and to communicate with other computers by sending and receiving data and programs.

High-Speed 300/1200-Baud Modem Cuts Long-Distance Costs

699⁰⁰

- Modular Plug Connects Directly to Phone Line
- Manual Originate and Automatic Answer
- Compatible With All RS-232C-Equipped TRS-80s

Direct-Connect Modem DC-1200. Ideal for anyone who regularly has big transmissions to handle. By quadrupling the baud rate, the DC-1200 will reduce each phone bill to a fourth of what it otherwise would have been. It's ideal for people who use electronic information services during business hours when long distance rates are at their highest. All you do is plug the power cord into a wall socket, the line cord into the phone jack and the connecting cable to your RS-232C-equipped computer. It's always in "Auto Answer," so that if a host computer calls you (and your computer is properly configured), you can begin receiving information automatically. The modem automatically adjusts to the incoming baud rate. To originate, you just set the baud rate to match the host or service, run your communication software package, and place the call. And you can upgrade your DC-1200 for automatic origination (see below).
76-1005 . . . . 699.00

Specifications
Data Rate: 0-300-baud asynchronous; 1200-baud asynchronous or synchronous. *Operating Mode:* Full or half-duplex, all speeds; automatic answer, manual originate. *Line Signals:* Low Speed—frequency shift keying; High Speed—differential phase-shift keying. *Compatibility:* Low Speed—Bell 103/113; High Speed—Bell 212A. *Sensitivity:* −48dBm. *Dimensions:* $1^3/4 \times 6^3/8 \times 11^1/4''$. *Power:* U.L. listed 120VAC, 60 Hz power module. FCC registered.

NOTE: DC-1200 not for multi-line use without optional-extra controller. Use only with Bell-compatible equipment.

Auto-Dial Module for DC-1200 Modem
To make your DC-1200 high-speed modem even more useful and versatile, add this handy accessory module. It allows the DC-1200 to automatically dial, as well as answer the phone (with proper computer configuration). This means your computer can operate unattended during low-rate night hours. Plug-in module is a printed circuit board. Installation required (not included.)
76-1009 . . . . 149.95

Modem Installation Accessories
Multi-Line Controller. Connects modem to multi-line (5-phone) office system. Pushbutton line selection. 43-233 . . . . 39.95
Duplex Jack. Connect phone and modem to modular jack. 279-357 . . 6.95

Low-Cost Printer With Dot-Addressable Graphics

399⁰⁰

- Bit-Image Mode Allows Printing of High-Density Graphics
- Prints 80 Upper/Lower Case 5 × 7 Matrix Characters on 8" Line
- Prints 50 Characters per Second at 10 Characters per Inch
- Underline Capability ■ Use With Any Full-Size TRS-80 CPU

DMP-100. Prints high-density graphic information similar to that on the Color Computer screen. Features 480-byte full-line dot buffer, selectable parallel and TRS-80 Color Computer-compatible serial interfaces (600/1200 baud) and adjustable tractor, 4¹/₂ to 9¹/₂". Uses up to 9¹/₂" fanfold paper. With ribbon cassette. U.L. listed.
26-1253 . . . . 399.00

Specifications. *Print Density:* 5 or 10 characters per inch. *Graphic Density:* 60 × 63 dots per sq. in. *Print Speed:* 50 characters per second, 27 lines per minute. *Character Set:* 96 ASCII. *Bit Image:* 480 addressable 7-dot columns. *Dimensions:* 5⁵/₁₆ × 16 × 8¹/₄". *Weight:* 8³/₅ lbs. *Power:* 120VAC, 60 Hz, 15W.

DMP-100 Print Samples

```
10 CPI !"#$%&'( )*+,-./0123456789:;<=>?

10 CPI !"#$%&'( )*+,-./0123456789:;<=>?

5 CPI !"#$%&'( )*+,-
```

Full-Performance 9¹/₂" Printer

799⁰⁰

- **Prints 120 Characters per Second at 10 Characters per Inch**
- **Bi-Directional** ■ **Prints 55 Full Lines per Minute**
- **Original, Plus Two Copies** ■ **Removable Tractor and Friction Platten**

MP-200. A versatile, compact dot-matrix impact printer! Prints 80 characters at 10 [inch], 132 characters at 16.7 on an 8" line. Features selectable parallel and TRS-80 [Color] Computer-compatible serial interfaces (600/1200 baud). Line feed in ¹/₆, ¹/₈, [and ¹]/₂ increments. On/Off Line, Restart and Paper Feed controls. Power-On indicator. [U].L. listed. 26-1254 . . . . 799.00

[Sp]ecifications. *Print* [Sp]eed: Standard 10 [cp]i—104 lpm/20 col., [ ] lpm/40 col., 55 lpm/ [ ] col.; Correspon- [de]nce 10 cpi—520 [lp]m. *Pin Wire Diame-* [te]r: 0.35mm. *Horizontal* [Do]t Resolution: 60-100 [do]ts/inch, 480-800 [do]ts/line. *Dimensions:* [ ]× 16¹/₂ × 13¹/₂". *Weight:* [ ]¹/₂ lbs. *Power:* 120VAC, [ ] Hz, 85W.

See Page 36 for Paper & Ribbons. Printer Cables Are on Page 40.

Our Family of Feature-Packed Dot-Matrix Impact Printers

- ■ **Built-In Graphics Capability at No Extra Cost**
- ■ **Bi-Directional Logic-Seeking 9-Wire Print Heads**
- ■ **These Printers Pack a "Triple Mode" Punch**

Our three dot-matrix printers offer incredible versatility and value. Each one includes Word Processing functions to emulate Daisy Wheel features for great looking print-outs. This mode gives you proportionally-spaced and mono-spaced correspondence character sets, back-spacing, bold face and underlined characters, super-scripts and subscripts. A Bit-Image (dot addressable)

Superb 15-Inch Wide Printer

1195⁰⁰

- Full 132-Column Capacity, Yet Compact With Low-Profile Styling
- Prints 140 Characters per Second at 10 Characters per Inch
- 51 Full Lines per Minute ■ Adjustable, Removable Tractor

DMP-400. Cover design aids in noise reduction. Line feed in $1/6$, $1/8$, $1/72$, $1/216$ increments. Tractor allows use of 4″ to 15″ fanfold paper. Friction platten for single-sheet paper. Prints original, plus two copies. Selectable parallel and TRS-80 Color Computer-compatible serial interfaces (600/1200 baud). Paper Feed and Form Feed controls. On-Line indicator. U.L. listed.
26-1251 . . . . 1195.00

Specifications. *Print Speed:* Standard 10 cpi—181 lpm/20 col., 126 lpm/40 col., 78 lpm/80 col., 51 lpm/132 col. Correspondence 10 cpi—705 wpm. *Pin Wire Diameter:* 0.30mm. *Horizontal Dot Resolution:* 60-100 dots/inch, 792-1320 dots/line. *Dimensions:* $6^3/8 \times 24^1/8 \times 13^3/8$″. *Weight:* $16^1/2$ lbs. *Power:* 120VAC, 60 Hz, 85W.

Three Print Mo

mode allows impressive graphics, and a Data Processing mode provides the most efficient computer output. Each printer has special repeat and column addressing codes to make graphic programming easier. An elongation mode that doubles character size and a bold mode allow a wide range of character styles. Mode and pitch are switch or software selectable. Each printer can use $8^1/2$″ single-cut sheets or standard fanfold paper with the adjustable tractor feed. These printers are built exclusively to Radio Shack's demanding specifications.

General Specifications. (See each printer description for specific features). *Character Set:* 96 ASCII, 32 special and 30 block graphics characters. *Print Density:* 10, 12 or 16.7 characters per inch (cpi) in either a 9 × 9 or 15 × 9 dot matrix, n-23 matrix proportionally-spaced font. *Line Feed:* Forward, reverse; $1/6$, $1/12$. *Resolution:* 60 dots/inch at 10 cpi; 72 dots/inch at 12 cpi; 100 dots/inch at 16.7 cpi. *Buffer:* 2K RAM.

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this  standar
Also  available
as well as condensed
High  density
like  this  car
letters.  This
font can give you
All  fonts  C
OR  EXP
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All-Business Printer

1795⁰⁰

- Lowest Price Ever for High-Performance, Heavy Duty Design
- High-Speed—Prints 220 Characters per Second
- Prints 76 132-Column Lines per Minute ■ Bi-Directional

DMP-500. This hard worker is ideal for heavy business use. Logic-seeking head gives you fast speed and efficiency. Prints original, plus three copies. Adjustable tractor adjusts from 4" to 15". Line feed in $1/6$, $1/8$, $1/72$, $1/216$ increments. Paper advance in fine-line increments for aligning preprinted forms. Paper Feed and Form Feed controls. On-Line indicator. Parallel interface—use with TRS-80 Model I, II, III, 12 or 16. U.L. listed. 26-1252 .... 1795.00

des for Ultimate.Versatility

rs offer a wide
ype styles like
d 10 CPI 9X9 font
in compressed 12 pitch
16 pitch!
correspondence fonts
produce attractive
proportionally spaced
u sharper results.
AN PRINT BOLD
AND ! !

Specifications. *Print Speed:* Standard 10 cpi—293 lpm/20 col., 201 lpm/40 col., 119 lpm/80 col., 76 lpm/132 col. Correspondence 10 cpi—1043 wpm. *Pin Wire Diameter:* 0.30mm. *Horizontal Dot Resolution:* 60-100 dots/inch, 792-1320 dots/line. *Dimensions:* $7^{11}/_{16} \times 24^5/_8 \times 15^7/_8"$. *Weight:* 50 lbs. *Power:* 120VAC, 60 Hz, 180W.

Manual Setting Switches

Handy switches allow "custom-set" modes, pitches, and interface options. For easy operation with your existing software.

Word Processing Printers for

1495⁰⁰

**Low-Cost, Full-Featured and
Prints Over 300 Words Per Minute**

DWP-410. Ideal for SCRIPSIT™ word processing! Select 10 or 12 characters per inch, or proportional pitch. Forward and reverse paper feed and ¹/₂ line feed, underline and programmable backspace. Includes ¹/₁₂₀" space and ¹/₄₈" line feed. Automatic Paper Set makes paper insertion easy. Use interchangeable print wheels for type selection. EPM mode for special wheels. With Courier 10 print wheel and carbon ribbon cartridge. U.L. listed. 26-1250 . . . . 1495.00

Specifications. *Print Density:* 13.6" line. Switch selectable 10 cpi (136 characters per line), 12 cpi (163 cpi), or proportional spacing. *Print Speed:* 25 cps nominal; 11.7 lpm at 10 cpi, 132-column (Over 300 wpm). *Carriage Motion:* Unidirectional, optimal motion seeking. 100 ms slew rate. *Character Set:* 124 (96 ASCII, plus special and international), 23 control codes. *Paper:* Up to 16" wide. Original, plus 5 copies. Friction feed. *Ribbon:* Multi-strike carbon or nylon cartridge. *Interface:* Standard 8 bit data parallel; 36-pin Amphenol connector. *Dimensions:* 7⁷/₄ × 23⁷/₄ × 13". *Weight:* 35 lbs. *Power:* 120VAC, 50/60 Hz, 141 Watts.

Bi-Directional Tractors for Efficiency

239⁹⁵

- Easy On—Easy Off
- Adjustable to 15"

289⁹⁵

Just snap into place to use fanfold paper. Keep pin-fed labels, preprinted and multi-part forms in perfect alignment. Bi-directional for accurate printing control. Paper separators. Require minimal printer supervision. Quick, easy installation and removal.

Ⓐ **Bi-Directional Tractor Feed for the DWP-410.** 26-1459 . . . . 239.95
Ⓑ **Bi-Directional Tractor Feed for the Daisy Wheel II.** 26-1447 . . . . 289.95

Ⓐ ABC
Ⓑ ABC
Ⓒ ABC
Ⓓ ABC
Ⓔ ABC
Ⓕ ABC
Ⓖ ABC
Ⓗ ABC
Ⓘ ABC

Print s

1995⁰⁰

**Our Best Formed-Character Printer—
Prints Over 500 Words Per Minute!**

Daisy Wheel II. Switch selectable print densities—fixed 10 or 12 cpi or proportional spacing. Printer features forward and reverse paper feed and ½ line feed, underline and backspace. Interchangeable print wheels snap in easily. Friction-feed mechanism adjustable for up to five carbons. 15-inch platten. With Courier 10 print wheel and carbon ribbon. U.L. listed. 26-1158 . . . . 1995.00

Specifications. *Print Density:* 13.6" line. Switch selectable 10 cpi (136 cpl), 12 cpi (163 cpl), or proportional spacing. *Print Speed:* 43 cps nominal; 19.5 lpm at 10 cpi, 132-col. (Over 500 wpm). *Carriage Motion:* Unidirectional, optimal motion seeking. 300 ms slew rate. *Character Set:* 124 (96 ASCII, plus special and international), 21 control codes. *Paper:* Up to 16" wide. Original, plus 5 copies. Friction feed. *Ribbon:* Multi-strike carbon cartridge—about 250,000 nominal characters. Nylon cartridge—1.6 million characters. *Interface:* Standard 8 bit data parallel; 36-pin Amphenol connector. *Dimensions:* 8 x 24½ x 15½". *Weight:* 28 lbs. *Power:* 120VAC, 50/60 Hz, 141 Watts.

DEFGH abcdefg 01234 :;<=>?		
DEFGH abcdefg 01234 :;<=>?		
CDEFGH abcdefg 01234 :;<=>?		
CDEFGH abcdefg 01234 :;<=>?		
DEFGH abcdefg 01234 :;<=>?		
DEFGH abcdefg 01234 :;<=>?		
DEFGH abcdefg 01234 :;<=>?		
DEFGH abcdefg 01234 :;<=>?		
DEFGH abcdefghi 0123456 !#$%&*		

amples slightly reduced

Interchangeable Print Wheels Let You Print With Style

These long-lasting, 124-character print wheels snap in easily. Choose from a number of styles to give your letters and reports variety and impact. Each wheel prints up to 40 million characters.

Print Wheel	DWP-410	Daisy Wheel II	Price
A. Courier, 10 pitch	26-1430	26-1420	29.95
B. Prestige Elite, 12 pitch	26-1431	26-1421	29.95
C. Madeleine PS	26-1432	26-1422	29.95
D. Cubic PS	26-1433	26-1425	29.95
E. Tile Italic, 12 pitch	26-1434	26-1426	29.95
F. OCR B, 10 pitch	26-1435	26-1484	39.95
G. Letter Gothic, 12 pitch	26-1436	26-1485	39.95
H. Cubic 15	26-1438	26-1487	39.95
I. Bold PS	26-1439	26-1488	39.95

Accessories to Make Your Printer More Versatile

Daisy Wheel II Sheet Feeder

1495⁰⁰

Printer not included

Holds up to 200 sheets. Adjusts for paper length and width. Removes easily. Requires installation (not included).
26-1448 . . . 1495.00

Daisy Wheel II Envelope Feeder

Printer not included

1195⁰⁰

Automatically feeds 1200 envelopes per hour into aligned typing position. Size 6 to 10. Requires installation (not included).
26-1260 . . . 1195.00

Daisy Wheel Acoustic Cover Reduces Noise

It's Ideal for Office Work Areas

399⁰⁰

For DW-II (with or without tractor) and DW-410 (without tractor). Not for use with sheet or envelope feeders. 14 × 28 × 21¹/₂". U.L. listed. 26-1455 . . . . 399.00

New! DMP-2100 Sheet Feeder

Printer not included

995⁰⁰

Automatic paper insertion and stacking for office efficiency. Adjusts for paper width to 8¹/₂". Snaps on and off. No installation required.
26-1440 . . 995.00

New! Ou

1995⁰⁰

- A "No Compromise" Printer That Delivers What Others Only Prom
- Print Quality in Word Pr Rivals Daisy Wheel Prin
- State-of-the-Art 24-Wire
- 160 Characters Per Sec 100 CPS in WP Mode

TRS-80 DMP-2100. A Radio Sh high-speed for data processi addressable graphics, plus a text that rivals Daisy Wheel pri square inch—over four times other dot-matrix printers! Pro ters in a single pass for max pitch and font within your text change a printwheel! U.L. liste

Specifications. *Print Speed:* Standard 10 cp lpm/80 col.; 60 lpm/132 col. Correspondenc ASCII, 31 international and 31 graphics chara ters per inch, plus proportional-spaced and e feed. *Pin Wire Diameter:* 0.2 mm. *Graphics* Dot Resolution: 180 dots/inch. 2448 dots/line inch. *Line Feed:* Forward—¹/₁₂₀, ¹/₁₂, ¹/₈, ¹/₆, sions: 5⁷/₈ × 21¹¹/₁₆ × 15". *Weight:* 44 lbs. Po

DMP-2100 Bi-Dire

For use with fanfold paper, l Easy to install and remove. 2

ur Finest Triple-Mode Printer

...hise

...rocessing Mode
...ters

... Print Head
...ond in DP Mode,

...nack breakthrough! Delivers
...ng, high-resolution for dot-
...word processing mode with
...nters! Prints 32,400 dots per
... the finest resolution of our
...duces letter-quality charac-
...timum throughput. Change
... without having to stop and
...ed. 26-1256 . . . . . . 1995.00

...bi—215 lpm/20 col.; 151 lpm/40 col.; 93
...ce 10 cpi—774 wpm. *Character Set:* 96
...acters. *Print Density:* 10, 12, 16.6 charac-
...ongated. *Paper:* Up to 15" wide. Friction-
...Resolution: 32,400 dots/sq. in. *Horizontal*
... *Maximum Vertical Resolution:* 180 dots/
...²/₁₅ inch. Reverse—¹/₁₂, ¹/₆ inch. *Dimen-*
...wer: 120VAC, 60 Hz.

...ectional Tractor

...abels and multi-part forms.
...6-1441 . . . . 169.95

| 10 CPI STANDARD abcdefg 0123 |
| 10 CPI STANDARD BOLD abcdefg |
| 10 CPI EXPANDED |
| 10 EXPAND BOLD |
| 12 CPI STANDARD abcdefg 01234 :;< |
| 16.7 CPI ABCDEFGH abcdefg 01234 :;<=>? |
| 10 CPI CORRESPONDENCE abcdef |
| 12 CPI CORRESPONDENCE abcdefg 012 |
| PROPORTIONAL abcdefg 01234 :;<=>? |
| PROPORTIONAL BOLD abcdefg 01234 : |

Print samples actual size

The DMP-2100 can produce a variety of print styles.
Get super monospaced and proportional-spaced
correspondence characters, as well as extraordinary
standard and condensed characters.

Always Insist on Genuine Rac

Wide Selection of Stock Fanfold Prin

Computer Paper

- Available in Mini-Paks, Totes and
- Store Your Printouts in the Reus

Feed paper directly into the printer fro
cartons. Letter-size sheets (9¹/₂ × 11"
have detachable, perforated margin
sheets are high-quality, 15-pound b
heavier weight is specified. No ground
cled paper is used. Multi-part sets use
less paper, so there's no messy clea

Fanfold Printer Paper

Size	Parts	Design	Vertical Perforation	Quantity	Box	Cat. No.
14⁷/₈ × 11"	1	Greenbar	No	500 sheets	Mini-Pak	26-1330
14⁷/₈ × 11"	1	Greenbar	No	1500 sheets	Tote	72-300
14⁷/₈ × 11"	1	Greenbar	No	3500 sheets	Carton	26-1417
14⁷/₈ × 11"	2	Greenbar	No	750 sets	Tote	72-301
14⁷/₈ × 11"	3	Greenbar	No	500 sets	Tote	72-302
14⁷/₈ × 11"	1	Blank White	No	1500 sheets	Tote	72-303
9¹/₂ × 11"	1	Greenbar	Yes*	1500 sheets	Tote	72-304
9¹/₂ × 11"	1	Greenbar	Yes*	3500 sheets	Carton	26-1403
9¹/₂ × 11"	1	Blank White	Yes*	500 sheets	Mini-Pak	26-1423
9¹/₂ × 11"	1	Blank 20#	Yes*	1250 sheets	Tote	26-1427
9¹/₂ × 11"	1	Blank 20#	Yes	2000 sheets	Carton	72-207
9¹/₂ × 11"	2	Blank White	Yes	750 sets	Tote	72-305
9¹/₂ × 11"	3	Blank White	Yes	500 sets	Tote	72-306
12 × 8¹/₂"	1	Blank 18#	Yes	1250 sheets	Tote	72-307
14⁷/₈ × 8¹/₂"	1	Greenbar	No	1500 sheets	Tote	72-308
14⁷/₈ × 8¹/₂"	2	Greenbar	No	750 sets	Tote	72-309
14⁷/₈ × 8¹/₂"	3	Greenbar	No	500 sets	Tote	72-310

*"Invisible" perforations

Affordable and Efficient Computer Forms Decollator

Separates and Refolds Multi-Part Paper—Either Carbonleaf or Carbonless

₁24995

A manual decollator that's faster and more reliable than most motor-driven models! Decollates up to 350 ft./min. Adjustable operating speed. Removable bobbin collects carbon automatically. Includes attachment for carbonless forms. Handles paper up to 16¹/₂" wide. 73-1003 . . . . 249.95

Compact Paper Shredde and Basket

- Lets You Destroy Confidential Records
- Attractive Design

24995 Less Basket

ES-1 Paper Shredder

Cuts up to five sheets of 8¹/₂ × 11" paper at a time into 3mm-wide strips. With reverse switch to free jammed paper. U.L. listed. 73-1001 . . . . 249.95

Shredder Basket

Vinyl laminated walnut finish. Custom fit for ES-1. 73-1002 . . . . . . 29.95

dio Shack Computer Supplies

nter Paper

Full Cartons
able Cartons

m the reusable
and 12 × 8¹/₂")
s. Single-part
ond unless a
d wood or recy-
clean, carbon-
-up.

	Price
	9.95
	34.95
	49.95
	49.95
	49.95
	34.95
	24.95
	39.95
	8.95
	24.95
	44.95
	34.95
	39.95
	24.95
	24.95
	34.95
	39.95

We Have a Full Line of TRS-80 Printer Ribbons

Replacement Ribbons				
Radio Shack Printer	Ribbon	Character Life	Catalog No.	Price
LP I, II, IV	Fabric Ribbon Pack	1 million	26-1413	3/18.95
LP III, V	Fabric Ribbon Cart.	2 million	26-1414	13.95
LP VI, VIII, DMP-400	Fabric Ribbon Cart.	1 million	26-1418	11.95
LP VII, DMP-100	Re-inking Fabric Cart.	1 million	26-1424	8.95
DMP-500	Fabric Cartridge	4 million	26-1482	12.95
DMP-200	Fabric Cartridge	4 million	26-1483	15.95
DMP-200/DMP-500	Refill Pack	4 million	26-1489	3/18.95
DW II, DWP-410	Carbon Film Cart. Multi-strike	250,000	26-1419	3/21.00
DW II, DWP-410	Nylon Ribbon Cart. Black	1 million	26-1449	10.95
DMP-2100	Fabric Cartridge	2 million	26-1442	13.95

Roll Paper for Your TRS-80 Printer

We offer a complete selection of roll paper for TRS-80 printers, including Radio Shack printers no longer in stock. You can be sure of quality and affordability.

Printer Paper				
Radio Shack Printer	Paper	Length	Cat. No.	Price
CGP-115	4¹/₂" Roll	150-ft.	26-1428	3/4.95
LP I, II, IV, VIII, DMP-200	8¹/₂" Roll	400-ft.	26-1402	2/19.95
Printer/Plotter 26-1190	9" Roll 8¹/₂" pin-to-pin	90-ft.	26-1407	4.95
Quick Printer 26-1153	Electrostatic 4³/₄" Roll	130-ft.	26-1405	3/16.95
Quick Printer II 26-1155	Electrostatic 2³/₈" Roll	75-ft.	26-1412	3.95

Fanfold Mailing Labels

Low As
9⁹⁵ Pkg.

White, pressure-sensitive.
1-Wide. 5" carrier. Pkg./4000.
26-1404 .... 19.95
2-Wide. 9¹/₂" carrier. Pkg./2000.
72-401 .... 15.95
3-Wide. 9¹/₂" carrier. Pkg./3000.
72-400 .... 16.95
2-Wide. 9¹/₂" carrier. Dry gum.
Pkg./2400. 26-1456 .... 9.95

Hanging Binders

Low As **34⁹⁵**   **10 Sets Each**

Top Bind. 14⁷/₈ × 11". 70-505 .. 34.95
Side Bind. 11 × 14⁷/₈". 70-504 .. 39.95
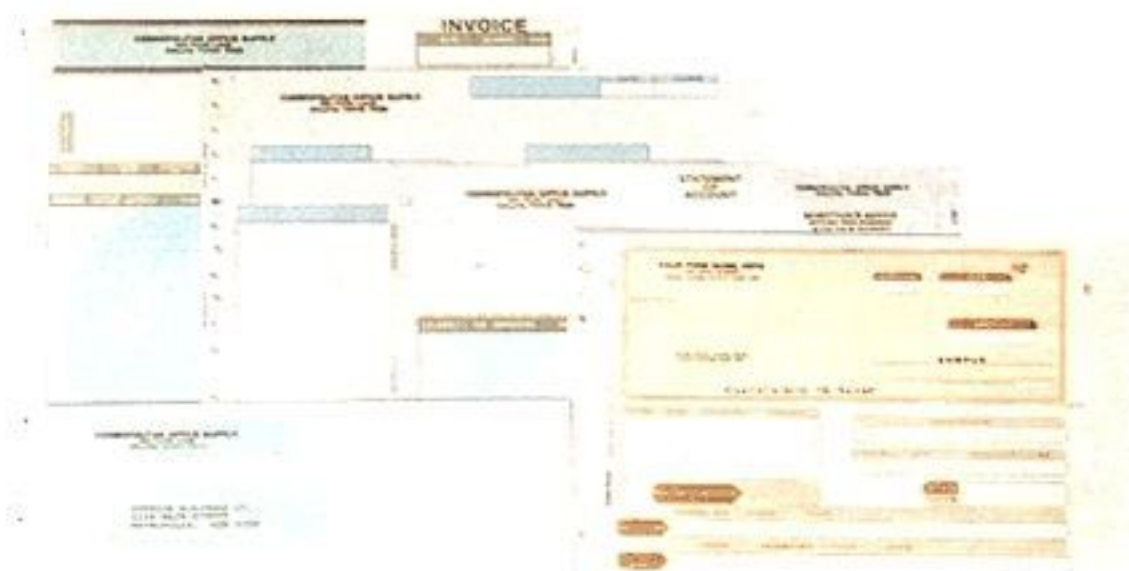**Top Bind.** 11 × 8¹/₂". 70-506 .. 34.95

Complete Your System With Top-Quality Radio Shack Forms

Custom Imprinted Forms and Checks

Form Name	Cross Reference TRS-80 Mod. No.	Software Cat. No.	Envelope Cat. No.	No. of Parts	Form Catalog No. Brown Forms	Blue Forms	Quantity/Prices 500	1,000
Accounts Receivable Statement	I & III	26-1555	72-114 72-214 72-250	1	72-101	72-116	65.00	120.00
				2	72-102	72-117	100.00	180.00
				3	N/A	72-118	130.00	230.00
Accounts Payable Check	I & III	26-1554	72-249	1	72-107	72-124	55.00	100.00
				2	72-108	72-125	100.00	180.00
	II & 12	26-4505		3	N/A	72-126	120.00	215.00
Accounts Payable Check	II & 12 (3 Disk)	26-4605	72-145 72-245 72-246	1	N/A	72-141	45.00	80.00
				3	N/A	72-142	110.00	200.00
General Purpose Form	I & III	26-1568	72-206	1	72-103	72-119	55.00	100.00
	II & 12	26-4508 26-4504 26-4514 26-4602 26-4802		3	72-104	72-120	110.00	200.00
	16	26-6302		5	N/A	72-136	160.00	290.00
General Purpose Form (Long)	II & 12	26-4514 26-4602 26-4802	72-206	1	N/A	72-155	75.00	135.00
				3	N/A	72-156	150.00	270.00
	16	26-6302		5	N/A	72-157	220.00	400.00
Invoice	II & 12 (3 Disk)	26-4607	72-135 72-235 72-234	3	N/A	72-151	140.00	250.00
				5	N/A	72-152	205.00	370.00
Multi-Purpose Check	III	26-1584	72-145 72-245 72-246	1	N/A	72-153	45.00	80.00
				2	N/A	72-154	60.00	110.00
Multi-Purpose Check w/Stub	III	26-1585	72-145 72-245 72-246	1	N/A	72-158	55.00	100.00
				2	N/A	72-159	100.00	180.00
				3	N/A	72-160	120.00	215.00
Payroll Check	I & III	26-1504 26-1556	72-247	1	72-105	72-121	55.00	100.00
				2	72-106	72-122	100.00	180.00
				3	N/A	72-123	120.00	215.00
Payroll Check	II & 12	26-4503	72-248	1	72-137	72-127	60.00	110.00
				2	72-138	72-128	90.00	165.00
Payroll Check	II & 12 (3 Disk)	26-4603	72-145 72-245 72-246	1	72-143	N/A	45.00	80.00
				2	72-144	N/A	85.00	150.00
Statement Of Account	II & 12 (3 Disk)	26-4604	72-135 72-235 72-234	1	N/A	72-129	55.00	100.00
				3	N/A	72-130	110.00	200.00

Imprinted Envelopes

Form Cross Reference	Inside Tint	No. of Windows	Envelope Size	Catalog No.	Quantity/Prices 500	1,000
Accounts Receivable Stmt.	No	1	#6¾	72-114	55.00	100.00
Statement of Account	No	1	#10	72-135	55.00	100.00
Payroll Check (26-4603), Accts. Payable (26-4605) & Multi-Purpose Checks	Yes	1	8⅜	72-145	55.00	100.00

2,000
20.00
40.00
35.00
95.00
40.00
15.00
55.00
75.00
95.00
75.00
45.00
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10.00
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40.00
15.00
95.00
40.00
15.00
10.00
10.00
55.00
85.00
95.00
75.00

2,000
95.00
95.00
95.00

Five Great Benefits of Radio Shack Custom Forms

System Support. Radio Shack provides properly-designed output forms to enable the TRS-80 user to complete a total business computer system, including hardware, software *and custom forms*.

Proper Design. Our forms are specially designed for use with your TRS-80 software, so you can be sure of compatibility.

Economy. Radio Shack forms are produced in large quantities and sold in small quantities (as few as 500 units), so the tremendous savings are passed on to you.

Quality. All forms are attractively designed and produced to highest printing standards, assuring a positive, "quality" image for your organization.

Convenience. We provide single-source support for the entire TRS-80 business computer system, as well as prompt delivery and resupply. Visit your nearest Radio Shack Computer Center today to place your order!

Blank Envelopes

Form Cross Reference	Size	No. of Windows	Inside Tint	Qty. Per Carton	Catalog Number	Price
Accounts Receivable Statement	3⅝ × 6½	2	No	1,000	72-250	45.00
	3⅝ × 6½	1	No	1,000	72-214	35.00
Accounts Payable Check (26-1554/4505)	3⅝ × 7¾	2	Yes	1,000	72-249	55.00
General Purpose Form (Both)	3⅞ × 8⅞	2	No	1,000	72-206	45.00
Payroll Check for Mod I/III	3⅝ × 7¾	2	Yes	1,000	72-247	55.00
Payroll Check for Mod II/12	3⅞ × 7½	2	Yes	1,000	72-248	50.00
Statement of Account and Invoice	4⅛ × 9½	2	No	1,000	72-234	45.00
	4⅛ × 9½	1	No	1,000	72-235	40.00
Accounts Payable (3 Disk), Payroll (3-disk), and Multi-Purpose Checks	3⅝ × 8⅝	1	Yes	1,000	72-245	40.00
	3⅝ × 8⅝	2	Yes	1,000	72-246	50.00

37

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TRS-8...
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points, ...
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one ca...
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Specifi...
Dimensi...

Fully Automatic

Multi-Pen Plotter
Clear Plastic Film
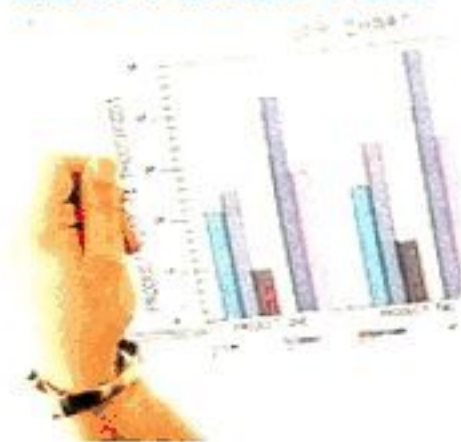
13⁹⁵

13⁹⁵ For Use With Felt-Tip Pens

Polyester Film Resists Tearing and Curling

Make high-quality transparencies for overhead projection, animation, overlays and slides. Fifty 8¹/₂×11" sheets. 26-1479 . . . . 13.95

FP-215 Flatbed Plotter/Pr...

995⁰⁰

Get High-Speed Plotting and High-Quality Four-Color Graphics at an Affordable Price!

Draws using BASIC ASCII command codes and p...
text horizontally or vertically using BASIC LPRINT ...
pen plotting—pens can be changed easily to make...
Red, blue, green and black pens included. Feat...
automatic print functions. Includes parallel and RS-...
faces. U.L. listed. 26-1193 . . . .

Specifications. *Paper Size:* 10¹/₈ × 14⁵/₁₆ or 8 × 11¹/₂". *Plot Size:* 7.32...
Plot Speed: 100 mm per second (3.93 ips). *Step Size:* 1 mm. *Dimensi...*
Weight: 22 pounds. *Power Requirements:* 105-135VAC. 50/60 Hz. 90...

et Incredible Color Graphics With
ese Affordable Multi-Pen Plotters

)500

- Color Adds a Vivid New Dimension of Depth and Clarity To All Kinds of Charts and Graphs
- High-Level Graphics Software for All TRS-80 Disk Systems

0 **Multi-Pen Plotter.** Our best! Create sophisticated charts and graphs in up to six This "intelligent" plotter uses simple ASCII commands to allow you to generate lines, circles, arcs and identification markers. Draws 93 upper and lower case umeric characters in nine sizes and four rotations, too. Draws on paper with eable hard-nib pens or film sheets with felt-tip markers. Features include automatic election, chart hold down, and touch panel pen motion controls. RS-232C serial ce. Disk software supplied is menu-driven—no programming necessary—so any-n draw, save and recall "professional" line and pie charts, complex bar graphs, s and more. Includes six hard-nib pens. U.L. listed. 26-1191 . . . . 1995.00

cations. *Paper Size:* 8¹/₂ × 11". *Plot Size:* 7 × 9¹/₄". *Speed:* 2.8" per second. *Step Size:* 200 per inch. ons: 6 × 13¹/₂ × 10¹/₂". *Weight:* 20 pounds. *Power Requirements:* 115VAC, 50/60 Hz.

inter

CGP-115 Color Graphics Printer

You Must See To Believe Its Ultra-Compact Size!

249⁹⁵

- Uses Easily Replaceable Ink Cartridges
- Includes Serial and Parallel Interfaces

Creates beautiful graphics in red, blue, green and black, plus prints alphanumerics. Built-in commands simplify drawing and plotting. Text mode prints 40 or 80 characters per line at 12 characters/sec. Software controls additional character sizes and rotation. U.L. listed. 26-1192 . . . . 249.95

Specifications. *Paper Size:* Standard 4¹/₂" roll. *Effective Plotting Range:* X-axis—3.8 inches (480 steps). Y-axis—no limit. *Plot Speed:* 2.05 inches per second. *Print Speed:* 12 characters per second. *Characters per Line:* 80 or 40 (text mode). Any size from 1 to 80 per line (graphics mode). *Dimensions:* 2¹⁵/₁₆ × 8¹/₄ × 8¹/₂". *Weight:* 1³/₄ pounds. *Power Requirements:* 120VAC, 60Hz, 23 Watts.

arameters. Prints command. Single multi-color plots. ures self-test and -232C serial inter- 995.00

× 10.63" or 8.5 × 11.73". ons: 4⁵/₈ × 16¹/₈ × 14⁵/₈". Watts.

Replacement Paper and Pens for TRS-80 Color Plotters
Keep Extra Supplies Handy

A Pens for TRS-80 Multi-Pen Plotter
3⁹⁵ Each

B Pens for CGP-115 Graphics Printer
2⁹⁵ Per Set

C Pens for FP-215 Plotter
3⁹⁵ Each
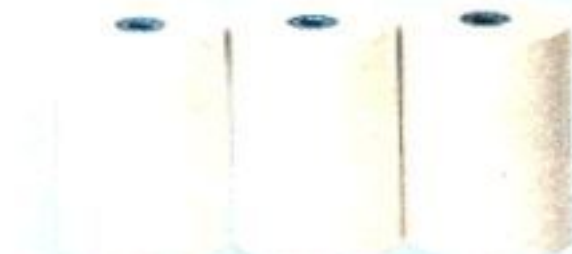
D Roll Paper For CGP-115 Graphics Printer
4⁹⁵ Pkg. Of 3

A Pens for TRS-80 Multi-Pen Plotter—$3.95 ea.

Color	Hard Nib (For Paper)	Felt Tip (For Transparencies)
Red	26-1460	26-1470
Blue	26-1461	26-1471
Green	26-1462	26-1472
Violet	26-1463	26-1473
Brown	26-1464	26-1474
Orange	26-1465	26-1475
* Black	26-1466	26-1476

B Pens for CGP-115—$2.95 set

Color	Cat. No.
Black (Set of 3)	26-1480
Red, Green, Blue (Set of 3, one each)	26-1481

C Hard-Nib Pens for FP-215 (for paper)—$3.95 ea.

Color	Cat. No.
Black	26-1343
Red	26-1344
Green	26-1345
Blue	26-1346

D **Roll Paper for CGP-115.** 4¹/₂" wide, 150-ft. long. 26-1428 . . . . Pkg. of 3/4.95

Graphics S

TRS-80 Colo
Graphics In

349�95

- Captures Up to 100 Po
- Compatible with Comp

GT-116 "X-PAD." Instant g
of a pen! Reads your drawn
your TRS-80 Color Comput
simple CAD/CAM, archite
business, and other graphic
let contains all necessary e
is combined with a special
face for easy drawing—sca
directly compatible with
screen size. Comes wit
equipped with a pressu
leakproof standard ink ca
that is easily changed or re
with a stylus for tracing.
other options simplify dat
boarding is minimized. Com
guage routines for high-
accessed by Extended BAS
Software included provides
drawing routines, plus user
26-1196 . . . .

Systems for Special Applications

r Computer
put Tablet

**Plugs Directly Into
Program Pak™ Slot**

ints per Second
uter Graphics Capability

graphics at the touch
or traced design into
ter. Ideal for medical,
ectural, educational,
c applications. Tab-
electronics and
passive sur-
led to be
display
h pen
urized
rtridge
placed
Menus and
ta input, so key-
patible with machine lan-
speed drawing. Easily
IC graphics commands.
s interactive menu for all
-defined menu functions.
. . . . 349.95

Specifications

Writing Area: 7 × 9" — scaled to be directly compatible with screen size. *Menu Area:* Active to full 8½ × 11" size. *Pad Size:* 11 × 13". *Power Requirements:* Supplied by Color Computer.

Input Precise Data Coordinates!

449⁰⁰

Works With Any TRS-80
With RS-232C Serial Port

**Ideal for Engineering, Architectural Work,
Map and Photo Interpretation, and Much More**

TRS-80 Digitizer. Input x/y coordinates from a drawing, map, chart, even photo to your TRS-80. Use this data to calculate length, perimeter, area, volume, and more. 11 × 17" active area. Includes software listings for basic set-up and use. U.L. listed.
26-1195 . . . . 449.00

Specifications. *Resolution:* 100 lines per in. *Accuracy:* 0.005". *Repeatability:* ± 2 LSD. *Operation:* Point or continuous mode. *Dimensions:* 2¼ × 15½ × 4¼". *Power:* 120 VAC, 60 Hz.

Radio Shack Has Cables and Ac

We support the TRS-80 with a complete selection of user-proven cables and accessories for almost any application. That makes it easy to choose the right cable for your computer system so you're assured of outstanding performance. Get the one you need at a Radio Shack Computer Center, store or participating dealer.

Quality Printer Cables

Fig.	Function	Description	Cat. No.	Each
A	Model I/III to std. parallel printer	34-pin edge card to 36-pin plug	26-1401	39.00
B	Model II/12/16 to std. parallel printer	34-pin header to 36-pin plug, 6'	26-4401	39.00
C	Model II/12/16 to std. parallel printer	34-pin header to 36-pin plug, 12'	26-1323	44.95

Cassette Interface Cable

Fig.	Function	Description	Cat. No.	Each
D	Model I, III, Color Computer CPU to audio cassette	5-pin DIN to Audio (3 plugs)	26-1207	5.95
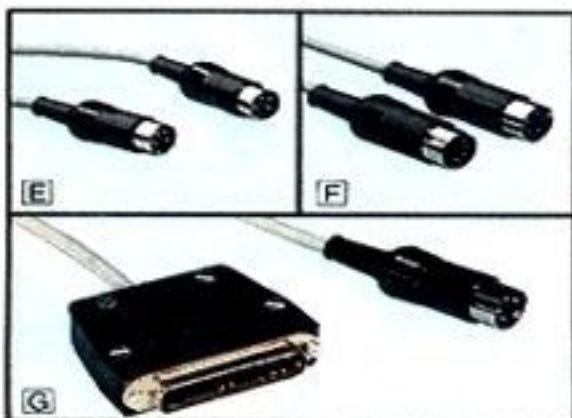
Color Computer Cables

Fig.	Function	Description	Cat. No.	Each
E	Color Computer serial interface	4-pin DIN to 4-pin DIN	26-3020	4.95
F	Model I special serial interface	5-pin DIN to 4-pin DIN	26-3009	4.95
G	Color Computer to RS-232C interface	4-pin DIN to DB25	26-3014	19.95

TRS-80 Accessories Add Flexibility

Power Line Filter

Limits AC power line interference to Model I and Color Computer. Switch controls eight outlets. U.L. listed. 26-1451 . . . . 49.00

Automatic Control Power Strip

SW-301. Activates up to five peripherals when you turn on your Model II, III, 12 or 16. U.L. listed.
26-1429 . . . . 69.95

SW-301
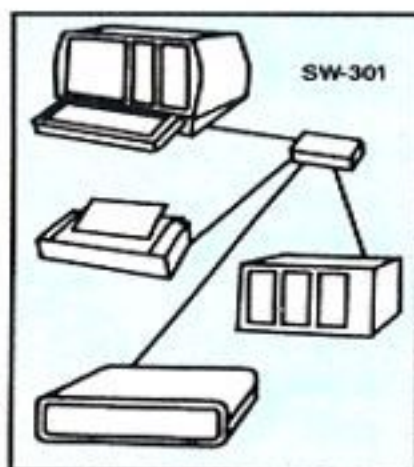
Universal RS-232C Accessories

Industry-standard accessories for serial communications. Compact, round cables with molded plugs are quality-crafted for reliability. Pins 1-8, 15, 17, 20, 24 extended.

A Male DB25 to DB25 5-Foot Cable With Terminator. Specially for Model II/16 RS-232C serial interface. 26-4403 . . . 39.95

B Extended RS-232C Cables. For Model 12 or for extending 26-4403.
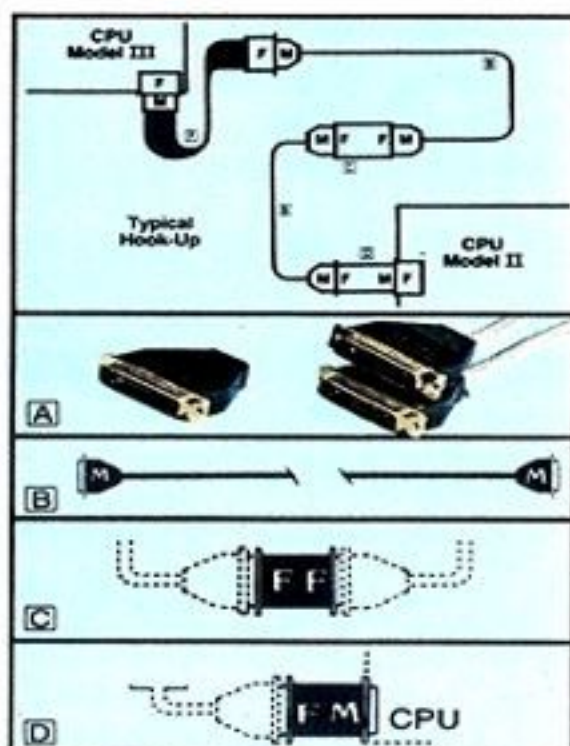
10-Foot. 26-1490 . . . . 29.95
25-Foot. 26-1491 . . . . 39.95
50-Foot. 26-1492 . . . . 54.95
100-Foot. 26-1493 . . . . 89.95

C RS-232C Cable Extender. Connects cables together for longer runs.
26-1495 . . . . 29.95

D Null Modem Adapter. Allows two CPUs to communicate directly using "modem" software. 26-1496 . . . . 29.95

CPU Model III

Typical Hook-Up

CPU Model II

A
B
C
D

RS-232C Cable and Extender

Fig.	Function	Description	Cat. No.	Each
E	Model III/12 RS-232C serial interface	Male DB25 to DB25 5-ft. flat cable	26-1408	19.95
F	Allows use of round RS-232C cables with Model III	8-inch extender	26-1497	17.95

E
F

Model III
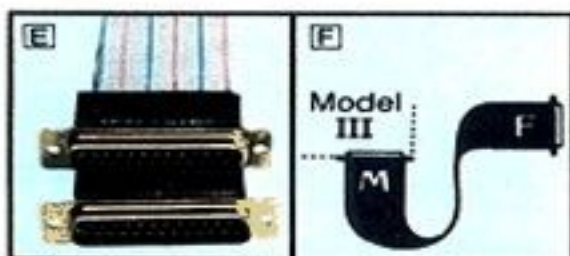
SW-303 RS-232C Selector Switch. Connect any three RS-232C devices to your TRS-80. Two switched ports for modems, digitizers, plotters and more—one configurable port for communication between two computers. U.L. listed AC power module. Cables not included.
26-1499 . . . . 149.95

SW-302 Parallel Printer Switch. Connect two printers to one computer, or two computers to one printer. Dual parallel ports for easy switching without changing cables. For any TRS-80 or data terminal with parallel interface. U.L. listed AC power module. Cables not included.
26-1498 . . . . 119.95

TRS-80 Model III System Desk

Ne[w]

179⁰⁰

An Attractive, Versatile Addition to Your System

Model III System Desk. Contemporary styling is perfect for office use. Spacious, too—there's plenty of room for your Model III computer and a printer. Includes instructions for easy assembly. 27 × 48 × 27".
26-1305 . . . . 179.00

99⁰⁰

Universal Printer Stand

A perfect match for the system desk. Slotted top for bottom-feed printers. Easy to assemble. 27 × 23¹/₂ × 19".
26-1308 . . . . 99.00
Locking Casters. Install to base of printer stand. Fits both 26-1308 (above) and 26-4305 (right).
26-1319 . . . . Set of 4/19.95

S[ ]
TR[ ]

Matche[ ]
Desk (r[ ]
allows [ ]
and als[ ]
Easy a[ ]
cluded.
26-4305[ ]

Mobile Printer "Paper Caddy"

Computer Paper Dolly And Printer Forms Rack

79⁹⁵

Wheel paper to wherever you need it. Place blank forms on lower shelf; upper shelf catches printed output. 24¹/₂ × 18 × 14¹/₂".
74-551 . . . . 79.95

Docu-Rack™ Stand

Organizes Computer Printouts

59⁹⁵

Trays and binders not included

Doubles as Printer Stand
Holds six stackable plastic data trays or hanging post binders. 28¹/₄ × 19¹/₈ × 13¹/₄".
74-550 . . . . 59.95
Data Tray. 26-1309 . . . . 8.49

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Adj[ ]**

Delux[ ]
and til[ ]
comfo[ ]
nylon [ ]
base,[ ]

w! Deluxe System Desk and Printer Stand

Shown with optional drawer

149⁹⁵

turdy Stand for Your
S-80 Business Printer

s modern styling of System
ight). Convenient slotted top
use with virtually all printers,
o permits bottom paper feed.
ssembly—instructions in-
27 × 24 × 19".
5 . . . . 149.95

269⁹⁵

Custom TRS-80 Workstation
For Model II, 12 and 16

Accents any office—perfect for your Model II, 12
or 16. Plenty of convenient working space, with
wiring cutouts in top. Heavy-duty construction.
Easy to assemble. 27 × 48 × 30".
26-4303 . . . . 269.95
System Desk Drawer. Mount on left or right of
desk. 12¾ × 18½ × 20¼". 26-4304 . . . . 129.95

rkstation Chair

199⁹⁵

Perfect
For Any
TRS-80
System
Desk

wivel Mechanism With
ustable Seat Height

e **Swivel Chair.** Arms
ted back for maximum
rt and support. Brown
fabric. Heavy five-blade
74-1057 . . . . . . 199.95

New! Space-Saving Computer Table

69⁹⁵

- Perfect "Beginner's" Desk for Anyone Just Getting Started
- Ideal for Home Or School Use

Lots of versatility at a low price! Small enough to let you
set up your system nearly anywhere, but large enough
for the TRS-80 Color Computer or even the Model III.
27 × 48 × 24". 26-1324 . . . . 69.95

TRS-80 Computer Diskettes Are Cer

5¼" Unform

- **QUALITY**—Manufactured to the Highest Standards of Excellence
- **RELIABILITY**—You're Assured That Your Programs and Data Are Safe
- **COMPATIBILITY**—Our TRS-80 Diskettes Will Operate in Any Appropriate TRS-80 Disk Drive

Your programs and data are valuable to you—and so is your time. To guard against possible loss of diskette information, and the time needed to re-input it, you need the highest quality diskettes available. Ours are made to the most rigid standards in the industry. They're double-coated with an advanced ferric oxide blend that produces maximum lubrication and resistance to diffusion. Then they're thoroughly tested to insure freedom from defects before being certified and offered to you—our customer.

Buy in Qua

Quantity (10 Packs)
1-4
5-9
10-Up

For Best Results Use Only Genui

Cleans Drives In Seconds

Universal Disk Drive Head Cleaning Kit

Clean drive heads easily, safely. Includes two special cleaning disks, one bottle cleaning solution.

5¼" Drive Kit.
26-407 . . . . 29.95
8" Drive Kit.
26-4909 . . . . 29.95

Daisy Wheel Printwheel Cleaning Kit

Keep your Daisy Wheel II or DWP-410 "making a good impression". Cleans clogged recessed type areas. Easy-to-use without mess. 26-1320 . . 16.95
Refill Fluid and Pads.
26-1322 . . . . 5.95

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Anti-
Spray.
carpet,
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static. L
washec
26-515

42
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...rtified for Excellence and Compatibility

...atted Diskettes

- Single-Sided
- 40-Track, Soft-Sector
- Double-Density

Single Diskette.
26-305 . . . . 4.95
Diskette 3-Pack.
26-405 . . . . 13.95
Diskette 10-Pack.
26-406 . . . . 39.95

...ntity and Save!

	Per 10 Pack
	39.95
	34.95
	33.95

8" Unformatted Diskettes

- Double-Density
- 77-Track, Soft-Sector

Single-Sided.
Single Diskette.
26-4905 . . . . 7.50
Diskette 10-Pack.
26-4906 . . . . 59.95

Double-Sided. 10-Pack.
Model 12 and 16 only.
26-4960 . . . . 69.95

Buy in Quantity and Save!

Quantity (10 Packs)	Single-Sided Per 10 Pack	Double-Sided Per 10 Pack
1-4	59.95	69.95
5-9	53.95	63.95
10-Up	49.95	59.95

...ine TRS-80 Computer Accessories

Diskette Mailers Protect Floppies

Easy-to-use mailers let you send your disk programs with confidence. Specially designed to prevent bending. Includes inner envelope for dust protection.
5¼". Pkg. of 5.
26-1317 . . . . 5.95
8". Pkg. of 5.
26-4954 . . . . 7.95

High-Quality TRS-80 Computer Cassette Tapes

C-20. Leaderless.
26-301 . . . . 3.79
C-10. Standard leader.
26-302 . . . . 1.79

Quantity	C-20 Each	C-10 Each
1-11	3.79	1.79
12-23	3.29	1.59
24-47	2.89	1.40
48-Up	2.49	1.25

...duce ...mful ...atic

Static
Use on screen, ...ment to ...ate prob-...ausing ...Lasts until ...d off.
. . . 5.95

Screen Cleaner

Cleans video monitor. 50 pre-wet wipes, lint-free cloth.
26-1318 . . . 2.95

Replacement Labels

Peelable, non-smear, color-coded labels.
5¼" Diskette Labels.
Pkg. of 50.
26-307 . . . . 1.95
8" Diskette Labels.
Pkg. of 50.
26-4955 . . . . 1.95
Cassette Labels.
Pkg. of 60.
26-304 . . . . 1.95

Your Equipment and Data Storage Me...

Binder Stores Disks and Cas...

Pop-Out Easel Front

Diskette Storage Boxes

Flip through up to ten diskettes. Index is visible when open or closed. Polystyrene.

5¹/₄" Diskette Storage Box.
Black. 26-1321 . . . . 4.95
8" Diskette Storage Box.
Tan. 26-4956 . . . . 5.95
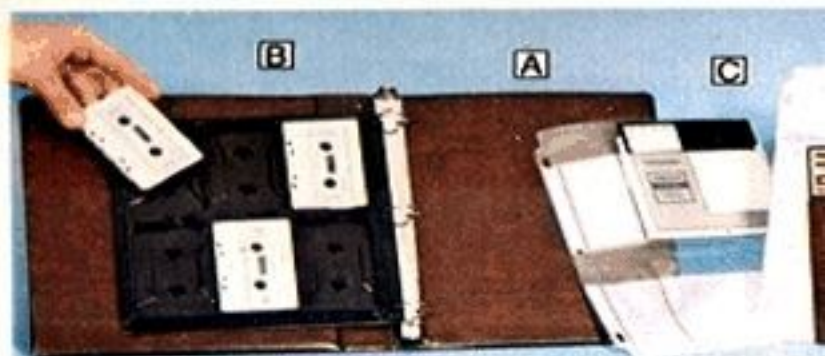
Ⓐ **Universal Data Binder.** 3-ring binder for...
ers and diskette envelopes. 26-1310 . . . .
Ⓑ **Cassette Holder.** Stores six. 26-1311 . . .
Disk Envelopes. Convenient, safe storag...
Ⓒ 5¹/₄". 26-510 . . . . F...
Ⓓ 8". 26-4907 . . . . F...
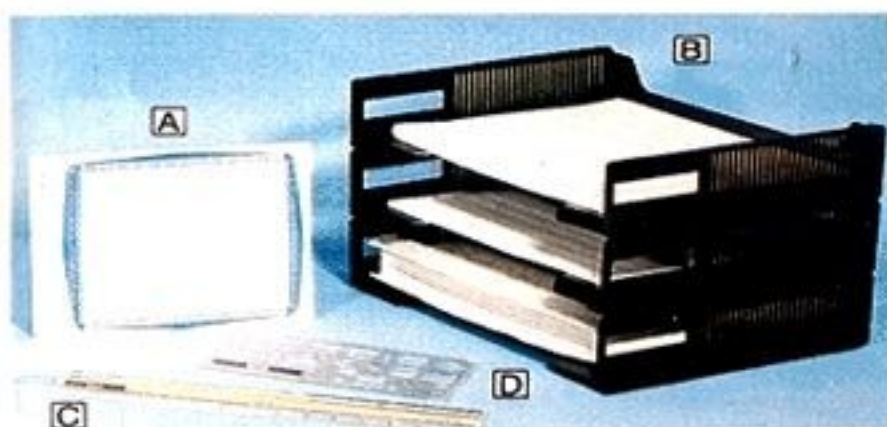
TRS-80 Programming

Ⓐ **Video/Program Worksh...**
sheets for Model I/III graphics...
26-2105 . . . . 1...
Ⓑ **Stacking Data Tray.** Holds ...
in neat stacks. 26-1309 . . . . .
Ⓒ **Printview Ruler.** Yellow ...
magnifying strip. 10, 12 cpi sca...
26-1313 . . . .
Ⓓ **Logic Flowchart Templat...**
bols. ¹/₁₀" layout grid. 26-1312...

Anti-Glare Panel Reduces Screen Reflections
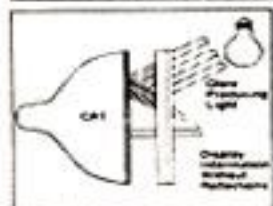
Cuts Glare For a Clear, Sharp Image

- **Special Optically-Coated Panel Reduces Glare by 94 Per Cent**
- **Maximizes Contrast and Readability**

Mirror-like specular reflection from the surface of computer display screens can cause eyestrain, fatigue, and headaches. Our best anti-glare panel ends these problems. It cuts ambient light reflection without affecting resolution. Easy to clean. Scratch resistant. Attaches quickly to Model I, II, III, or 16.
26-1457 . . . . 29.95

Anti-G...

Nylon ...
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Model ...
and 16...
26-511

dia Last Longer if Properly Protected

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Pkg. of 2/4.95
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Pkg. of 10/7.95
Pkg. of 10/7.95

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14⁷/₈" printouts
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.... 3.95

Glare Mask

mesh reduces
and improves
st. Installs eas-
seconds on
I, II, III, 12

...... 16.95

Large File Boxes with Index Dividers

A B C

Diskette file boxes each hold 50 diskettes.
Ⓐ **8" Diskette File Box.** 26-4953 .... 39.95
Ⓑ **5¹/₄" Diskette File Box.** 26-1453 .... 29.95
Ⓒ **Program Pak™ File Box.** Holds 16 Program Paks or cassette boxes. 26-1314 .... 34.95

Dust Covers Protect Your System Components

Protect your investment against dust, dirt and surface scratches. Durable vinyl with reinforced stitching on all seams.
For Model II/16 Computers. 26-4051 .... 9.95
For Model 12 Computer. 26-526 .... 9.95
For Model III Computer. 26-506 .... 7.95
For Color Computer. 26-3006 .... 4.95
For CCR-81 Computer Recorder. 26-517 .... 4.95
For External Disk Drives. 26-502 .... Pkg. of 2/5.95
For LP VII or DMP-100. 26-512 .... 4.95
For LP VIII. 26-514 .... 4.95
For DMP-200. 26-522 .... 5.95
For LP VI or DMP-400. 26-507 .... 5.95
For LP III or V or DMP-500. 26-505 .... 5.95
For DMP-2100. 26-525 .... 5.95
For Daisy Wheel II. 26-508 .... 5.95
For Daisy Wheel II and Tractor. 26-516 .... 7.95
For DWP-410. 26-520 .... 5.95
For FP-215. 26-523 .... 5.95
For CGP-115. 26-518 .... 4.95

GENUINE TRS-80 ACCESSORIES

Supplies f

Printing Calculator With 12-Digit Display

149⁹⁵

- **Full-Duty Keyboard**
- **Performs Quick Calculations With or Without A Printed Copy**

Radio Shack EC-9001. Get the convenience of a fluorescent display—plus a permanent record. Two-color ribbon prints positive numbers in black, negative in red. Features selectable decimal point placement, four-key memory, gross profit margin and delta percent keys. $3 \times 8^3/_4 \times 13^1/_2''$. U.L. listed. Includes roll of paper tape, vinyl dust cover. 73-1005 .... 149.95
Two-Color Replacement Ribbon. 73-1006 .... 2.29
Calculator Paper Tape. $2^1/_4''$ wide. Package of 3. 65-710 .... 1.99

Handy Typing Easel

Keeps Pages in Place

15⁹⁵

Use as a Book Holder, A Lectern or Display Easel

Holds publications securely by means of adjustable T-bar ($8^3/_4$ to $13^7/_8''$ high) and friction pads. Cushioned base prevents slippage and protects furniture surface. Folding legs for compact storage. 73-2003 .... 15.95

Protective Disk Rings

Strengthens Disks

- **Prevents Data Loss**
- **Simple Installation**

Low As

12⁹⁵

5¹/₄″ Disk Saver. 50 rings and installation tool. 70-515 .... 12.95
Refill. 50 rings. 70-516 .... 6.95
8″ Disk Saver. 50 rings and installation tool. 70-517 .... 14.95
Refill. 50 rings. 70-518 .... 7.95

44

for Organization and Efficiency

Diskette Looseleaf Files

[A]　　　　　　　　　　[B]

- **Low-Cost Storage Protection**
- **Fits Universal Data Binder**

[A] **5¼" Housing Frame.** Holds eight mini disks. With movable index tab for easy filing.
70-514 . . . . Pkg. of 4/14.95

[B] **8" Looseleaf File.** Holds two disks and an index card.
70-513 . . . . Pkg. of 10/12.00

Protect Disks With Flip Files

Keep Disks Handy—Find the One You Need in Seconds

Ideal storage system. Black suede vinyl binder protects 20 diskettes. Files away on shelf when closed, displays a disk at a time when open.

For 8" Diskettes. 70-502 . . . . . 39.95
For 5¼" Diskettes. 70-503 . . 34.95

Accessories for Your Daisy Wheel II Printer
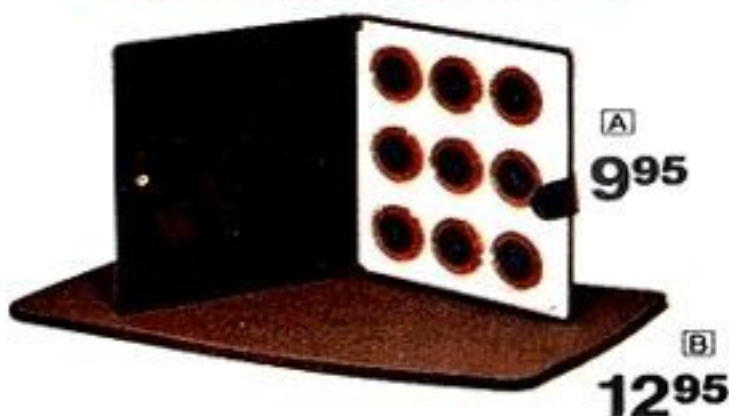
[A]
9⁹⁵

[B]
12⁹⁵

Protect Your Valuable Investment

[A] **Printwheel Binder.** Protects printwheels from loss or damage. Holds nine wheels. 73-2004 . . . 9.95

[B] **Printer Pad.** Non-skid sponge rubber protects furniture. 20 x 12", ½" thick. 73-2001 . . . . 12.95

Protective Anti-Static Mat

A "Must" for Your System

79⁹⁵

Chair not included

Drains Static Charges That Can Harm Your Computer System

Static electricity can "crash" your system. This mat drains the static charges carried by anyone walking across a carpet. High-impact ⅛" Polyethylene. 36" wide by 48" long overall.
70-500 . . . . 79.95

TRS-80 Videotex Brings You a V...

TRS-80 Videotex Information Terminal

399⁰⁰

399.00

TV not included

Turns your TV into a 2-way information system! Access information networks like Dow Jones and CompuServe. And you get one free hour on both networks! The terminal is easy to use—just connect it to any TV and a telephone outlet. Software and telephone interface are built-in. A 53-key alphanumeric keyboard allows quick entering of data, and a 16,000-character memory stores up to 32 "pages" of information for later viewing. U.L. listed. 26-5001 . . . . 399.00

New! "Videotex P...

- "Auto Log-On" Provi... Access to Dow Jones... Other Data Networks
- Advanced Features F... And Save You Money
- Easily Save Informati... Later Viewing or Mak...

Videotex Plus. Now yo... sophisticated communica... TRS-80 Model III or I dis... lets you communicate wit... tion service (with the sam... col as Videotex), such as... Jones News/Retrieval. It's... with features to help you r... There's even an option th... dial feature found on ma... including our Auto-Ar... Modem II (26-1173) and... Modem (76-1005). Videot... screen editing for tailori... quence to your particular...

CompuServe® Information Service

- The Latest in News, Weather and Sports
- Send and Receive Electronic Mail
- Extra RAM Workspace and Disk Storage

Get "on-line" to this exciting information service— and your first hour is FREE! CompuServe offers you the latest in local, national and international news, weather and sports in special "electronic" editions of some of America's greatest newspapers—plus the Associated Press newswire. There's even an electronic version of *The World Book Encyclopedia*. Access historical information on 32,000 stocks, bonds and securities, take advantage of reference services, play exciting computer games, get information about TRS-80 computers, exchange messages nationwide by electronic mail, and get 16K of RAM workspace and 128K of disk storage for your own use. All this is available at CompuServe's low hourly rate. (Additional charges for some services).

Dow Jones Ne...

- Business and Ind...
- Detailed Corpora...
- Historical Data ...

TRS-80 Videotex gives yo... Street—and your first ho... gives you current market c... mandatory 15-minute del... and options traded on the... selected U.S. Treasury iss... and business news from... *Barron's* and the Dow Jo... you'll have at your dispos... corporate financial inform... companies, profiles and 1... companies (supplied by N... tronic encylopedia, a text... 125,000 business articles... and complete historical... summaries.

World of Information—Instantly

lus" Communications Software for TRS-80 Models III and I

des Quick and Easy
s, CompuServe and

educe "On-Line" Time

on on Disk for
e Hard-Copy Printouts

u have a powerful and
ations package for your
sk system! Videotex Plus
h any computer informa-
e communications proto-
s CompuServe and Dow
simple to use, yet loaded
ninimize connection time.
at lets you use the auto-
any telephone modems,
swer, Auto-Dial D.C.
the high-speed DC-1200
ex Plus also includes on-
ng the auto log-on se-
needs.

Convenient Features. The RAM buffer capabili-
ties of Videotex Plus allow for saving information to
disk for later viewing, editing or transmission. You
can reduce connection time by loading into mem-
ory the information you want to transmit before you
log on. And there are function keys you can define
for frequently used commands, a printer control
feature for hard-copy output to an optional printer,
and a screen control feature for variable width
screen displays. All of the advanced features of
Videotex Plus can be easily accessed with pre-
assigned function keys.

Versatile. Videotex Plus is composed of three ma-
jor modules—the primary communication pro-
gram, a specialized program for use with "store and
forward" information services, and a module that
lets you create and edit log-on sequences and save
them on diskette for later use with the special auto-
matic log-on procedure.

Videotex Plus Communications Software.
I/III Ⓐ Requires telephone interface. Includes
one free hour on both CompuServe and Dow
Jones. 26-1588 . . . . 49.95

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te Information
Company Profiles

u a "direct line" to Wall
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quotes (subject only to the
ay) on all stocks, bonds
major exchanges—plus
ues. There's also general
The Wall Street Journal,
nes News Service. And
al a data base of detailed
ation on more than 3200
0K extracts on over 6000
Media General), an elec-
search service for over
by category or keyword
market quotations with

Low-Cost TRS-80 Videotex Packages

TRS-80 Videotex software allows access to major
information data bases using your computer and an
optional-extra telephone interface. Simply dial a
phone number (usually local), press a few keys and
the desired information will appear on your screen.
Each package includes a TRS-80 Videotex soft-
ware manual, CompuServe manual, ID number
and password, and a Dow Jones manual and pass-
word. You also get one free hour on both the Dow
Jones and CompuServe networks. After that, you'll
be billed at their low hourly rates.

TRS-80 Model I/III Package. 26-2220 . . . 29.95
TRS-80 Model II/12/16 Package.
26-2221 . . . . 29.95
TRS-80 Color Computer Package.
26-2222 . . . . 29.95
Universal Sign-Up Kit. No software included. In-
tended for use with your software or terminal.
26-2224 . . . . 19.95

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op in an instant-loading
be set to battle starships in
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riting programs with vivid
g sound in no time.

Programming is Fun

Developing your own programs for home or school is easy and exciting. Color BASIC's simple commands let you quickly produce drawings, diagrams and charts. You can choose from eight brilliant colors, create musical tones, solve problems, analyze data, and much more. Then save your work on cassette tape with an optional recorder.

Expand Easily

Add a pair of joysticks for more exciting games, a printer, and a modem for telephone communications. You can also upgrade with 32K memory, our Extended Color BASIC for high-resolution graphics and advanced programming features, and up to four disk drives.

The 16K TRS-80 Standard Color Computer's BASIC language includes data and string handling, dimensioned arrays, math functions, and 9-digit numeric accuracy. Includes instruction manual. U.L. listed.
16K Color Computer. 26-3004 . . . . 299.95

Handy Accessories

Carrying Case. Protects Color Computer or TRS-80 Videotex keyboard. Padded vinyl. $3^1/_2 \times 13^3/_4 \times 14^3/_4$". 26-3007 . . . 19.95

Joysticks. For faster, more realistic action. 360° movement. Single-shot button.
26-3008 . . . . Pair/24.95

Who is the Color Computer for?

The TRS-80 Color Computer is a great choice for anybody who wants to enjoy video games in a system that can be used for many other household, business and educational tasks. It's ideal for computer beginners who want a system that's easy to learn on but won't limit them to simplistic projects. And it's perfect for hobbyists who want a full-featured computer system—with the opportunity for expansion into high-resolution graphics and advanced programming.
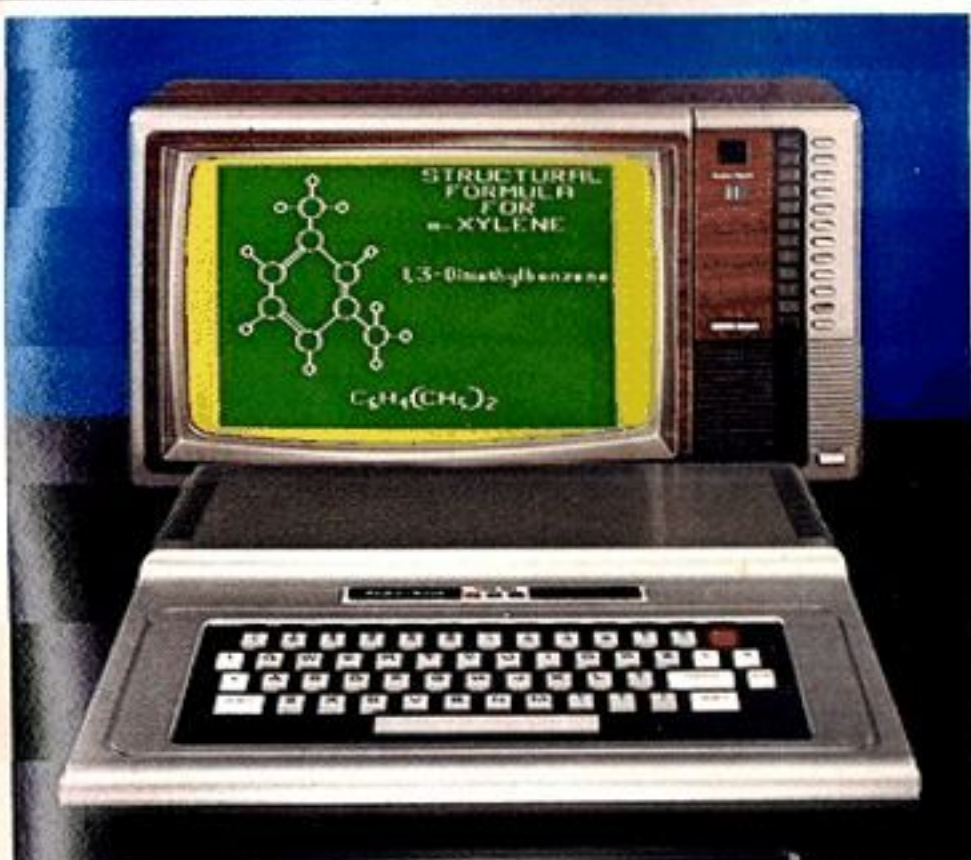
...gh-Resolution Color Graphics
...e Affordable Than Ever!

Low As 399⁹⁵

...Commands Make
...s Incredibly Simple
...Drawings, Business
...gineering Diagrams
...lution (49,152 Pixels)

...ng spectacular graphics
...BASIC Color Computer—
...You get all the features of
...uter, plus advanced pro-
...t's a truly professional

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...With the LINE command,
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...LE draws a full or partial
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...eries of lines and lets you
...ngle. PAINT fills a speci-
...u pick.

...d sound effects to your
...255 separate tones using
...and. You can also put in-
...tions into your programs
...d (requires joysticks). Use
..."shes"—one for the color,
... addition to maneuvering

...eatures

...r Computer is ideal for the
...ows multi-character vari-
...t), string arrays up to 255
...editing, tracing, floating
...onometric functions, user
...ror messages, and PEEK,
...nds to call machine lan-

We Don't Skimp on Documentation

Each computer comes complete with an operator's manual, our entertaining 308-page manual on Standard Color BASIC, and a 214-page tutorial manual on Extended Color BASIC.

Easily Expandable

You can add a printer, plotter, digitizer, graphics tablet, disk drives for increased storage, and a telephone interface at any time. Attaches to any standard TV set. U.L. listed.

16K Extended BASIC Color Computer. Was $499.95 in RSC-8. 26-3002 .... 399.95
32K Extended BASIC Color Computer. Was $649.95 in RSC-8. 26-3003 .... 549.95

Kits to Upgrade Your Color Computer System

16K RAM Upgrade Kit. Converts a 4K Color Computer to 16K. 26-3015 .... 49.00*
32K RAM Kit. Converts a 4K or 16K Color Computer to 32K. 26-3017 .... 149.00*
Extended Color BASIC ROM Kit. Upgrade a Color Computer with Standard BASIC for advanced graphic capabilities. Requires a minimum of 16K. 26-3018 .... 99.00*

*Price Does Not Include Required Installation.

...ckCatalogs.

Experience the Excitement and C
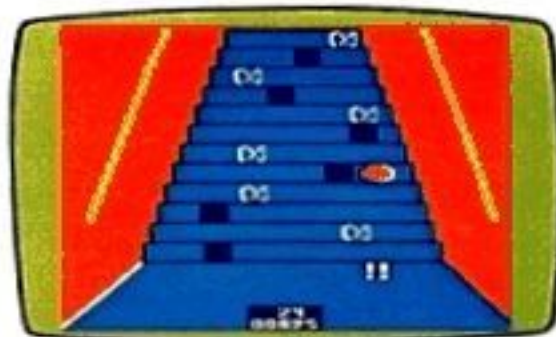
New! Poltergeist

Based on the hit Steven Spielberg movie! Unless you complete three levels of play, you don't stand a "ghost" of a chance of rescuing Carol Anne! First, find clues. Then, climb stairs. Third, destroy the poltergeist!
26-3073 . . . . 34.95

New! Clowns and Balloons

Bounce the monkey-suited clown high enough off the net to pop the balloons overhead! If your net misses him, he falls with a splat and a funeral march is played. Joysticks required.
26-3087 . . . . 29.95

Old Favorites

Chess. 26-3050 . . . . 34.95
Super Bustout. 26-3056 . . . . 29.95
Dino Wars. 26-3057 . . . . 29.95
Skiing. 26-3058 . . . . 29.95
Tennis. 26-3080 . . . . 29.95

New! Monster Maze

Thread your way through the evil dungeon in search of stacks of gold. Take care—laser-firing monsters could be around the next corner! By the way, they sometimes shoot through the walls! Joysticks required.
26-3081 . . . . 29.95

New! Double Back

You must "double back" to catch your own tail in this tricky game! Gain points by encircling the objects on the screen—making a loop back to your own tail. Joysticks required.
26-3091 . . . . 24.95

Galactic Attack

Enemy spaceships dive bomb your fortification. If you destroy this squadron of ships, the enemy reverts to a "night" attack. Destroy these attackers for double points! Joysticks required. 26-3066 . . . . 29.95

Shooting Gallery

Hit the moving targets for points in this carnival atmosphere. There's plenty of surprises! Joysticks required.
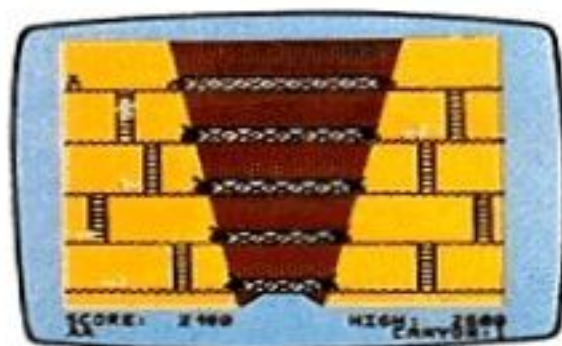26-3088 . . . . 29.95

Roman Checkers

The classic game of strategic placement. Save games on tape with optional cassette recorder. Joysticks optional. 26-3071 . . . . 29.95

Challenge of These Great Games

New! Canyon Climber

Three levels of hazardous fun! While ascending the cliffs, you must avoid the goats trying to knock you off, deadly arrows zinging by and objects falling from the sky. Obstacles increase each round. Joysticks required. 26-3089 . . . . 34.95

New! Castle Guard

Defend your castle from the giant fireball using Merlin's magical pikes. Break the spell of doom by destroying your opponent's castle—watch it sink into the ground. Colorful graphics bring this medieval drama to life. Joysticks required. 26-3079 . . . . . 29.95

Project Nebula

Prepare for thrilling "dog fights" as you travel through space seeking out and doing battle with enemy vessels. Four modes of skill, each with 10 levels of difficulty. Joysticks required. 26-3063 . . . . 39.95

Popcorn

Above you: five rows of popcorn. Below you: a conveyor belt. In-between: five frying pans. The challenge: catch the popcorn with your pans before it reaches the conveyor. Miss one and you lose a pan. Catch five rows to get an extra pan. Joysticks required. 26-3090 . . . . 24.95

Mega-Bug

A maze of fun! Try to lose the little "buggers" hot on your trail! You eat white dots, leaving a trail of dots behind you. The secret is to leave false trails in order to confuse and lose your chasers. Joysticks required. 26-3076 . . . . 34.95

Microbes

You're the disinfector, shooting antibodies at the nasty bacteria. Watch out for the "X factor". This sneaky enemy periodically appears, spraying antibodies at you! Fifteen levels of difficulty increase the challenge. Joysticks optional. 26-3085 . . . . 24.95

Polaris

Defend your islands from enemy missiles with your fleet of three submarines. Intercept smart bombs and multiple warhead missiles before they split. Keep track of each sub's salvo. Joysticks required. 26-3065 . . 29.95

Space Assault

Get the highest score by eliminating invaders before they eliminate you! Take cover behind protective bunkers. But the enemy is aggressive and destroys the bunkers, too! Beginner and expert levels. Joysticks required. 26-3060 . . . . 29.95
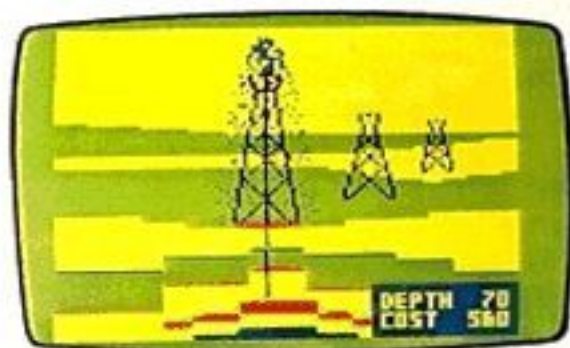
Wildcatting

One to four wheeler-dealers pick drilling sites. Hit a gusher and you're in the money. But watch out for dry holes! Soon production decreases and taxes and drilling fees mount. Player with highest profits wins. Joysticks optional. 26-3067 .... 29.95

New! Madness and the Minotaur

Beware of the mystical Minotaur and other strange and offensive creatures as you search the labyrinth for hidden treasures. Cassette recorder required. 26-3313 .... 14.95

Pyramid

Perilous adventure game! Explore the pyramid's unknown passages for treasures! Cassette recorder required. 26-3310 .... 14.95

Raaka-Tu™

Venture into a temple of a forgotten civilization. The skillful can gain vast treasures. Cassette recorder required. 26-3311 .... 14.95

Bedlam

You're "in" and you want to get out of the insane asylum! Can you trust Napoleon? Or the guy who calls himself X-Ray? The way out of the asylum changes every time! Cassette recorder required. 26-3312 .... 14.95

Micro Painter

An "electronic coloring book"! Load a picture into the computer and "paint". Three palettes, each with four colors. Save results on tape with optional cassette recorder. With eight pictures (more available). Joysticks optional. 26-3077 .... 39.95

Art Gallery

Draw pictures using superb color graphics. Save results on tape with an optional cassette recorder. With 27 images (more available). Joysticks optional. 26-3061 .... 39.95

New! Images 1 and 2

Each has 12 pictures for Art Gallery (26-3061) and 12 for Micro Painter (26-3077).
Images 1. 26-3300 .... 8.95
Images 2. 26-3301 .... 8.95

Bingo Math

Makes math fun! Solve problems to score a Bingo. Also includes Speed Math and Number Hunt. Joysticks required. 26-3150 .... 29.95

Color Computer Learning Lab

Hands-on, self-teaching course for Standard Color BASIC. Initial lessons have a "monitor" that indicates your errors. With manual and eight cassette tapes. Cassette recorder required. 26-3153 .... 49.95

very Member of the Family
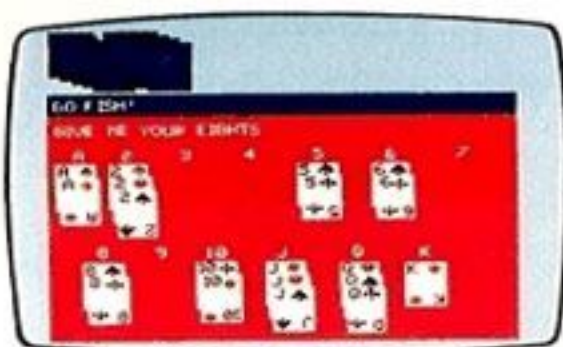
Bridge Tutor

A grand slam for beginning bridge players. One hundred different hands—each completely analyzed. Play South, East or West, or exchange with partner. Computer grades bidding and gives advice. Joysticks optional.
26-3158 . . . . 34.95

Color Cubes

Play that maddening cube puzzle on your computer! You can recall up to 255 moves. Save your position on tape with an optional cassette recorder.
26-3075 . . . . 29.95

New! Card Games

Six games in one—with something for everyone! There's challenging hands of Solo Poker, Solitaire and Black Jack for adults. Kids will love playing Go Fish, The Last Pirate and an all-out game of War. Cassette recorder required. 26-3320 . . . . 19.95

Color Backgammon

A challenging, international favorite and a great way to sharpen your skills. The computer can even double the ante. Joysticks optional.
26-3059 . . . . 19.95

The Color Computer Is a Great Tutor!

Reading is Fun. Each package includes an illustrated reader, a read-along cassette tape, and a computer tape with spelling and vocabulary exercises. No two exercises are alike. You get immediate feedback and a progress report. Grades 4-6. Cassette recorder required.

Dracula. 26-2550 . . . . 19.95
The Hound of the Baskervilles.
26-2551 . . . . 19.95
Moby Dick. 26-2552 . . . . 19.95
20,000 Leagues Under the Sea.
26-2553 . . . . 19.95

Vocabulary Tutor. Match words with definitions and use words in sentences. Grades 3-5. Cassette recorder required.
Vocabulary Tutor 1. 26-2568 . . . . 8.95
Vocabulary Tutor 2. 26-2569 . . . . 8.95