

BACK COVER

FRONT COVER

2002

JVC[®]

JVC **MOBILE**
ENTERTAINMENT

Excite your senses.

www.jvc.com

JVC Company Of America, 1700 Valley Road, Wayne, New Jersey 07470

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Adema



Andy Finch



Disturbed



Shaun Palmer

Take your mobile entertainment to the extreme!



2002



With so many variations in style and function for mobile entertainment, it's no surprise that JVC continues to be the world leader in audio and video technology. The introduction of new JVC products along with constant technological advancement on existing lines ensures that JVC has the merchandise to meet your lifestyle.

This year JVC features PC Audio ready MP3 playback and CD-R/CD-RW compatibility in mid-range as well as high end models. The new 3DLH series boasts an animated 3D graphics display that allows a new kind of operating feel with colorful and energetic images. JVC's new V2 Speaker Series is power boosted for higher sound pressure that will blow you out of your seat. The ELKameleon is back and better than before with more expressive display graphics. JVC's regular line of CD and cassette receivers has been expanded to bring you a selection with more variety in face design and operating feel as well as more color variations for user selection.

JVC Mobile Entertainment dares you to excite your senses.



Donna D'Errico



Stereomud



Systematic



Jim Bates



Megadeth

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3DLH

Introducing Graphics as Animated as You Are!

JVC's new 3DLH Series features a full-motion 3D graphics display with variable color backlight for easy operation and visual confirmation of status and completed operations.



Round-Shaped Wireless Remote Control

ANIMATED 3D GRAPHIC DISPLAY CD RECEIVER **KD-LH1000**

- ▶▶ Animated 3-dimensional graphics on LCD
- ▶▶ Easy visual confirmation of receiver status and operation
- ▶▶ Enhanced driver-friendly operation

Sophisticated, smooth-motion-like PC graphics and seamless integration into a car entertainment system

▶▶ The KD-LH1000 is anything but ordinary. With an innovative flip-down face that allows you to easily change CD's without distraction, and with its ultramodern look these receivers are off the charts. To add to its appeal it has a palette of 1,728 colors for the background display. 12 custom colors are preset, but you are encouraged to mix the 12 gradations of the red, green and blue primary colors to create a background all your own.



▶▶ 12 custom display colors are preset but you can choose your own custom display with 1,728 colors available at your fingertips.



Nikki Sixx of Mötley Crüe.



▶▶ CD - Specific Display



▶▶ 3D Graphic Display (car)



▶▶ Tuner - Specific Display



▶▶ 3D Graphic Display (scuba)



▶▶ CD Changer - Specific Display



▶▶ 3D Graphic Display (skateboarding)



▶▶ Speaker Balance - Specific Display



▶▶ 3D Graphic Display (electric guitar)

▶▶ The new KD-LH1000 CD Receiver is CD-R/CD-RW compatible and comes equipped to blast out 200 watts of audio power. Contains subwoofer output terminals with level/frequency control and 2 pairs of gold-plated line output terminals that not only ensure long-term reliability and durability but allows for easy output. The 3D Dot-Matrix Multi-Color LCD Display comes with contrast control that enables you to customize your display panel from a list of over 1,700 colors. A wide variety of animations and patterns for start up and changing functions are also on hand to add to your mobile excitement. Features that have been added for your convenience include a flip-down face, station name registration and a round-shaped wireless remote control.

Choose From
Over 1,700
Display Colors!

FEATURE CHART		KD-LH1000
▶▶	Power Output: 200W Max. (50Wx4)	
▶▶	HS-III Tuner	•
▶▶	CD-R	•
▶▶	CD-RW Compatible	•
▶▶	iEQ (3-Band Parametric)	•
▶▶	Gold-Plated Line Output Terminals (x2 pairs)	•
▶▶	Subwoofer Output Terminals with Level/Frequency Control	•
▶▶	Dot-Matrix Multi-color LCD Display with Contrast Control	•
▶▶	Station Name Registration	•
▶▶	Flip-Down Face	•
▶▶	Rotary Encoder Multi-Control	•
▶▶	Round-Shaped Wireless Remote Control	•
▶▶	Full-Color LED Backlight	•
▶▶	Detachable Control Panel with Carrying Case	•
▶▶	Disc Name Registration	•
▶▶	Switchable Dimmer	•
▶▶	Power Switch Standby Illumination	•
▶▶	COMPU Play	•
▶▶	Power-Off Mode Eject	•
▶▶	Preferred Setting Mode	•
▶▶	Source-Specific Volume Control	•
▶▶	CD Changer Control	•



Going beyond the next generation, JVC's "digifine2.2" Mobile Entertainment System brings you the future of car audio; A sleek, stylish design with a stunning aluminum finish, full compatibility with MP3, CD-R, and CD-RW and advanced audio enhancement technologies to deliver superb digital sound. Digifine2.2 combines all the performance and versatility you'd expect from an in-car entertainment system.

At the edge of Technology, Art and Music.

With a Face Forged from Pure Aluminum



Multi-Function Wireless Remote Control



MULTIMEDIA CONTROL CD RECEIVER KD-SH707

Incredible audio performance and multimedia versatility with CD, MP3, CD-R and CD-RW compatibility make this receiver the ideal centerpiece for advanced in-car entertainment systems.



▶ The "Full" Dot-Matrix Display is designed to show more text, finer graphics and lively animation. More LED's are used for the backlight, making the LCD brighter and improving the visibility of the displayed information. This enables the driver to check receiver functions at a glance.



When loading a disc, the face automatically flattens.



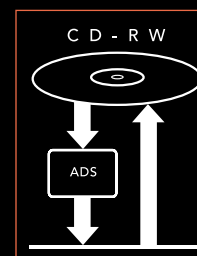
When playing a disc, you can adjust the face position.



When leaving your car, you can detach the panel and take it with you for security. A convenient carrying case is provided to protect the panel.

FEATURE COMPARISON CHART	KD-SH707	KD-SH55	KD-SH707	KD-SH55
▶ Power Output: 200W Max. (50W x 4)	•	•	•	•
▶ MOS-FET power amp	•	•	•	•
▶ Motorized Slide-Out Aluminum Face	•	•	•	•
▶ HS-III Tuner	•	•	•	•
▶ Multi-bit (24-bit Resolution) 1-bit DAC	•	•	•	•
▶ CD-R	•	•	•	•
▶ CD-RW Compatible	•	•	•	•
▶ MP3 Compatible	•	•	•	•
▶ iEQ (7-Band)	•	•	•	•
▶ iEQ (3-Band Parametric)	•	•	•	•
▶ Gold-Plated Line Output Terminals (x 2)	•	•	•	•
▶ Line Output Terminals (x 2)	•	•	•	•
			▶ Subwoofer Output Terminals with Level/Frequency Control	
			▶ MP3 Input	
			▶ Station Name Registration	
			▶ Pop-Out Rotary Encoder Multi-Control	
			▶ Multi-Function Wireless Remote Control	
			▶ White LED Backlight	
			▶ Dot-Matrix Multi-Color LCD	
			▶ CD Text	
			▶ Detachable Control Panel with Carrying Case	
			▶ Preferred Setting Mode	
			▶ COMPU Play	

▶ **CD-R/CD-RW Compatible** Unlike conventional CD players, digifine2.2 not only plays back standard CDs and CD-R discs, but also CD-RW discs. This breakthrough is made possible by ADS (Advanced Digital Servo), a combination of new RF amp and DSP circuitry that boosts the CD-RW reflected light



ADS boosts the signal to compensate for low reflectivity and enables CD-RW playback.

signal (normally too low for conventional players to read) by about 4 times, making CD-RW just as readable as CD/CD-R. So now you can create your own CD anthologies for the road and re-record them whenever you're ready for something new. Enjoy your personal CD collection wherever you go.



▶ **MP3 Input** Now you can connect additional audio components such as a portable MiniDisc or MP3 player whenever you want. Just plug it into digifine2.2's front AUX input and play a variety of audio sources for maximum enjoyment.

CD, CD-R, CD-RW, and MP3 for the car



CHANGER CONTROL CD RECEIVER KD-SH55

The high-performance basic package that's anything but basic. Features include CD-R/RW compatibility and superb sound quality in a stylish, aluminum body.

▶ **MP3 Compatible (KD-SH707)** You don't need a computer in your car to enjoy the revolutionary benefits of MP3. This remarkable new format (officially known as MPEG1 Audio Layer 3) uses an advanced compression method to reduce the size of audio files without significantly degrading audio quality. As a result, a CD-quality MP3 file is about 1/10th the size of a typical CD audio file. That means you can record the equivalent of 10 CDs on one CD-R or CD-RW disc. Since the KD-SH707 is fully compatible with MP3 files, you can play your MP3 recordings in your car and enjoy endless hours of your favorite music in your car.



▶ **Easy access to a desired song**
Among many MP3 tracks recorded on the CD, you can easily select a desired song with a simple operation using the remote control or the headunit. In addition, Direct Directory Access capability lets you directly access up to 12 directories with the function keys (1-6) on the headunit.



Dave Mustaine
of
MEGADETH

ELKAMELEON

The smart anti-theft design

What they can't see, they can't steal. ELKAMELEON, JVC'S smart anti-theft system, turns the headunit totally invisible, making it blend evenly into your car's dash.



Card-Type Wireless Remote Control



CHANGER CONTROL CD RECEIVER

KD-LX111

- ▶▶ Anti-theft ELKAMELEON System IV
- ▶▶ Power Output: 200W Max. (50W x 4)
- ▶▶ BBE II High Definition Sound
- ▶▶ CD-R/CD-RW Compatible
- ▶▶ Audio Cruise Mode
- ▶▶ CD Changer Control

▶▶ cEQ Features five custom-made EQ presets for five types of music – ROCK, CLASSIC, POPS, HIPHOP, and JAZZ – which you can further touch up as you like. You can create one more EQ on your own by adjusting bass, treble and loudness* settings. cEQ's source-specific EQ means you can 'link' an EQ to each individual source – ROCK to FM, for example.

(*BBE instead of loudness with ELKAMELEON)

ELKAMELEON lets you make your mobile entertainment system an extension of your lifestyle.

Shaun Palmer
World Champion
Snowboarder.

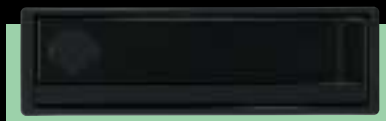
THE CHANGING FACE OF ELKAMELEON



As you turn on the ELKAMELEON, the LCD display comes to life with brilliant colors, the rotary encoder pops out and the control panel slides out for easy access.



When you insert or change discs, the control panel recedes into the unit and the LCD slides down to reveal the loading slot.



While the power is off, the LCD unit is totally black and the control panel is concealed inside the unit, blending into the car's dashboard.

FEATURE CHART

FEATURE CHART	KD-LX111
▶▶ Anti-theft ELKAMELEON System IV	•
▶▶ Power Output: 200W Max. (50W x 4)	•
▶▶ BBE II High Definition Sound	•
▶▶ HS-II Tuner	•
▶▶ CD-R	•
▶▶ CD-RW Compatible	•
▶▶ cEQ	•
▶▶ Line Output Terminals	•
▶▶ Station Name Registration	•
▶▶ Rotary Encoder	•
▶▶ Card-type Wireless Remote Control	•
▶▶ Dot-Matrix Multi-Color LCD	•
▶▶ Bright CFL Backlight	•
▶▶ Switchable Dimmer	•
▶▶ Volume Meter	•
▶▶ COMPU Play	•
▶▶ Power-Off Mode Eject	•
▶▶ Preferred Setting Mode	•
▶▶ CD Text	•
▶▶ Audio Cruise Control	•
▶▶ CD Changer Control	•

DOUBLE-DIN CD/CASSETTE RECEIVER

It's the ultimate in dash control convenience. The Double-DIN-size KW-XC777 features both CD and cassette players on its dash-fitting chassis. It comes with an oversized multi-color LCD with a 7-mode spectrum analyzer that dynamically displays moving patterns. Operation keys are illuminated for easy use and safe driving.



CD CHANGER CONTROL CD/CASSETTE RECEIVER

KW-XC777



Card-Type Wireless Remote Control

- ▶▶ CD-R/CD-RW Compatible
- ▶▶ iEQ (3-Band Parametric)
- ▶▶ MP3 Input
- ▶▶ Power Output: (45W X 4)
- ▶▶ Dot-Matrix Multi-Color LCD Display with Contrast Control
- ▶▶ Full Logic Deck Mechanism
- ▶▶ Line Output Terminals (x 2 pairs)
- ▶▶ Dolby B Noise Reduction
- ▶▶ Card-Type Remote Control
- ▶▶ Station Name Registration
- ▶▶ CD Text
- ▶▶ Power Switch Standby Illumination
- ▶▶ Preferred Setting Mode
- ▶▶ Power-Off Mode Eject
- ▶▶ COMPU Play



Disturbed

CD RECEIVERS

Whether you want to upgrade your car's audio power or performance, choose JVC. The line highlights an assortment of headunits that deliver power and performance that lead the class. Styling is also outstanding – to meet the high standards of your lifestyle.



Round-Shaped Wireless Remote Control



CHANGER CONTROL CD RECEIVER **KD-SX980**



▶▶ MP3 Compatible (KD-SX980) You don't need a computer in your car to enjoy the revolutionary benefits of MP3. This remarkable new format (officially known as MPEG1 Audio Layer 3) uses an advanced compression method to reduce the size of audio files without significantly degrading audio quality. As a result, a CD-quality MP3 file is about 1/10th the size of a typical CD audio file. That means you can record the equivalent of 10 CDs on one CD-R or CD-RW disc. Since the KD-SX980 is fully compatible with MP3 files, you can play your MP3 recordings in your car and enjoy endless hours of your favorite music in your car.



CHANGER CONTROL CD RECEIVER **KD-SX780**



Jason Maxwell
Skateboarding
Champion.

Sleek, stylish and born to perform.

Easier to use than ever, the CD receivers available this year combine style with function. These state of the art receivers will excite those who want maximum sound performance and supreme systems flexibility. These systems offer enhanced performance, features and control options for optimum enjoyment.

▶▶ Preferred Setting Mode Hold the SEL button and enter the Preferred Setting Mode (PSM). In this mode, the responsive dial gives you control over sound characteristics and general settings. Click through the versatile settings with fingertip ease. Sound Control: Bass, Treble, Balance, Fader, Loudness. General Settings: Clock (Hours:Minutes), Level Meter Mode, Dimmer



▶▶ Keychain Remote A wireless keychain remote with rounded edges allows you to control volume and track adjustment.

▶▶ Line Output Terminals Extra output terminals give you the flexibility to configure your in-car system- all the way to a high in-car A/V system.

▶▶ Advanced Sound Control Memory Sound Control Memory allows you to apply a pre-customized EQ to music depending on its genre. Choose from among POP, BEAT, and SOFT. Or you can combine bass, treble, and loudness settings to create your own custom EQ. Advanced SCM gives you the option of "linking" an EQ to each source – BEAT for CD, POP for FM and so on – if you choose. The card sized wireless remote has a convenient SCM button for switching EQ.

▶▶ Peak Power A compact power IC device makes it possible for many of our CD receiver headunits to deliver peak power. This allows increased bass response and improved clarity. Higher system performance is possible without requiring additional amplifiers.

FEATURE COMPARISON CHART	KD-SX980	KD-SX780	KD-S700GN	KD-S700BU	KD-S680	KD-S580
▶▶ 24-bit Resolution	•					
▶▶ 1-bit DAC	•	•	•	•	•	•
▶▶ CD-R	•	•	•	•	•	•
▶▶ CD-RW Compatible	•	•	•	•	•	•
▶▶ MP3 Compatible	•					
▶▶ cEQ	•	•				
▶▶ Advanced Sound Control Memory			•	•	•	•
▶▶ MP3 Input	•	•				
▶▶ Power Output: 200W Max. (50Wx4)	•	•				
▶▶ Power Output: 180W Max. (45Wx4)			•	•	•	•
▶▶ Station Name Registration	•					
▶▶ Flip-Down Face	•	•				
▶▶ Line Output Terminals (pair)	2	2	1	1	1	1
▶▶ Rotary Encoder	•	•	•	•	•	
▶▶ Round-Shaped Wireless Remote Control	•	•				
▶▶ Card-Type Wireless Remote Control			•	•	•	
▶▶ Detachable Control Panel with Carrying Case	•	•	•	•	•	•
▶▶ Multi-Color LCD	•	•			•	
▶▶ Shattered Green Positive Backlight Display			•			
▶▶ Asphyxia Blue Positive Backlight Display				•		
▶▶ Preferred Setting Mode	•	•	•	•	•	•
▶▶ Power Switch Standby Illumination	•	•	•	•	•	•
▶▶ COMPU Play	•	•	•	•	•	•



CD RECEIVER **KD-S680**



CD RECEIVER **KD-S580**



▶▶ Ergo Switch The tactile switch offers an improved sense of control and ease of use.



The Power of Color.



SHATTERED CD RECEIVER KD-S700GN



ASPHYXIA CD RECEIVER KD-S700BU



URBAN DECAY * COSMETICS



Urban Decay Cosmetics brings the world beauty with an edge. It's feminine, dangerous and fun makeup for individuals, not for those who need to blend in. Our amazing formulations for eyes, lips, nails and skin are always beautiful, but sometimes unusual.



▶▶ Rotary Encoder Multi-Control The Rotary Encoder Multi-Control does more than adjust the volume. As a user-friendly design, it gives you precise, instant control over sound levels. In the Preferred Setting Mode, the control allows a wide variety of settings including clock adjustment. The dial with updated cosmetics features positive clicks and smooth operation.

▶▶ Card-Sized Wireless Remote Control A convenient, slim card-sized wireless remote control lets you access most basic functions of the headunit like volume adjustment and disc selection. A separate SCM button lets you cycle through the SCM (Sound Control Memory) modes – POP, BEAT, SOFT and OFF. So you can apply custom EQ from the remote to the music you hear.



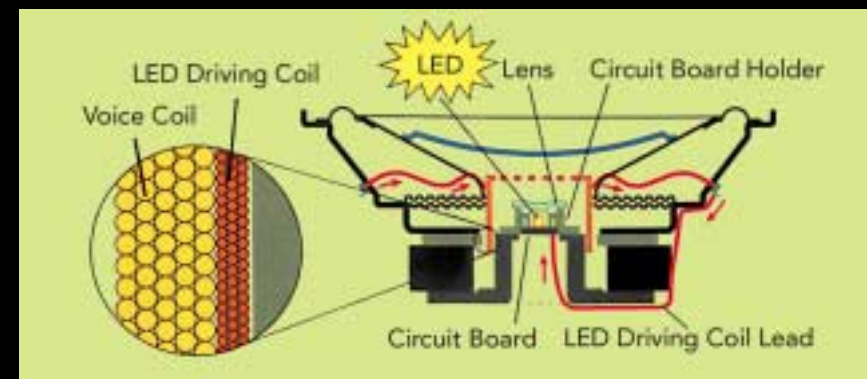
▶▶ Advanced CD Player The 1-bit DAC (Digital-to-Analog Converter) eliminates zero crossing ("glitches") to ensure higher fidelity than conventional ladder-resistor DAC's. The high precision hologram pickup reads CD's with minimal errors while the digital servo optimizes the pickup movement to compensate for distortion in the disc. What's more, the oil-damped rubber encapsulated springs/suspension system protect the pickup from shocks and vibrations. All components are made of heat-resistant materials for greater durability.



Donna D'Errico
Actress, model, mother
and co-founder of
DK Renu health spa

COMPONENTS

SUBWOOFERS



The speaker with a light that pulsates with the beat! You might feel like showing it off. The "Strobo Woofer" features a dedicated LED-driving coil in addition to the cone-driving voice coil. When the audio signal is applied to the input terminal, the LED-driving coil is moved back and forth to generate power that illuminates the light-emitting diode. No additional wiring is necessary for the illumination feature.

- ▶▶ Hybrid Hi-Carbon Cone
- ▶▶ Bass Solidity Enhancing Color Coating
- ▶▶ Symmetrical Double Dampers
- ▶▶ High-Rigidity Duralumin Voice Coil Bobbin
- ▶▶ Multi-Layer Heat-Resistant Voice Coil
- ▶▶ Rolled Butyl Rubber Edge
- ▶▶ Gold-Plated Screw Terminals
- ▶▶ Auto-Generating Blue Illumination



500W Max. Music Power CS-LD3300

12" SUBWOOFER UNIT

400W Max. Music Power CS-LD3250

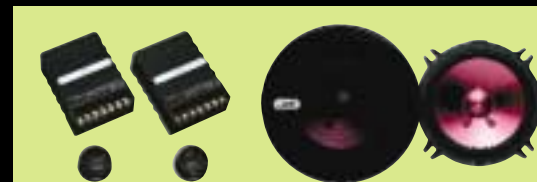
10" SUBWOOFER UNIT

CROSSOVER/TWEETER



150W Max. Music Power CS-HS601

6 1/2" 2-WAY SEPARATE SPEAKERS



150W Max. Music Power CS-HS551

5 1/4" 2-WAY SEPARATE SPEAKERS

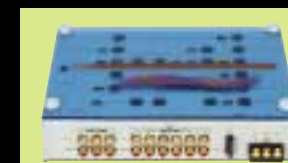
MID-BASS SPEAKERS



150W Max. Music Power CS-M65

6 1/2" 2-WAY MID-BASS SPEAKERS

CROSSOVER NETWORK



KS-N60

ELECTRONIC CROSSOVER NETWORK

- ▶▶ 3-Way, 6-Channel Inputs with Mode Select
- ▶▶ 6-Way, 12-Channel Outputs with Parametric Equalizers
- ▶▶ Continuously Variable Crossover Frequencies
- ▶▶ Q Adjust Switch
- ▶▶ Subwoofer Input with Stereo/Mono Switch
- ▶▶ Phase Adjust Switches
- ▶▶ Gold-Plated Terminals
- ▶▶ 12 dB Subwoofer Level
- ▶▶ Filter Through/On Switches
- ▶▶ Weight: 4.5 lbs.
- ▶▶ Dimensions (WHD): 10 7/16" x 1 15/16" x 7 11/16"



Dez Fafara
of Coal Chamber

Exclusive JVC Signature Series AMPLIFIERS

Exclusive JVC Signature Series AMPLIFIERS

The Power of Music.



Nikki Sixx

Producer and Founder of Americom Records. Founding Member, Mötley Crüe and 58.



KS-AX6750

BRIDGEABLE 2-CHANNEL POWER AMPLIFIER

Dynamic Optimum High-power Circuit



Shaun Palmer

Snowboard and Mountain Bike World Champion.



KS-AX4750

BRIDGEABLE 2-CHANNEL POWER AMPLIFIER

Super Optimum High-power Circuit



When you need to rock all day and all night, you need an amp that can go the distance.

Nikki Sixx

Go BIG or don't go at all! This amp will rattle your teeth and knock you on your ass!

Shaun Palmer



BRIDGEABLE 4-CHANNEL POWER AMPLIFIER

KS-AX6550



BRIDGEABLE 4-CHANNEL POWER AMPLIFIER

KS-AX6350

FEATURE COMPARISON CHART	KS-AX6750	KS-AX6550	KS-AX6350	KS-AX4750	KS-AX4550
▶▶ Continuous Power (RMS) (4 ohms, 0.08% THD)	150W x2	70W x4	50W x4	100W x2	50W x4
▶▶ Max Power Output 4CH		140W x 4	100W x 4		100W x 4
▶▶ Max Power Output 3CH		390W mono+ 140W x 2	280W mono+ 100W x 2		260W mono+ 100W x 2
▶▶ Max Power Output 2CH	330W x 2	390W x 2	280W x 2	200W x 2	260W x 2
▶▶ Max Power Output 1CH mono	900W mono			560W mono	
▶▶ Signal/Noise Ratio 100dB (IHF A Network)	•	•	•	•	•
▶▶ Line Input Level 1/20	0.15V-3V allowable	0.15V-3V allowable	0.15V-3V allowable	0.3V-5V allowable	0.3V-5V allowable
▶▶ Load Impedance 2 ohms (2-8 ohms allowable)	•	•	•	•	•
▶▶ Distortion (at 1kHz)	<0.04%	<0.04%	<0.04%	<0.04%	<0.04%
▶▶ Frequency Response (Hz)	10Hz-50kHz	10Hz-50kHz	10Hz-50kHz	10Hz-50kHz	10Hz-50kHz
▶▶ Crossover Frequency	50Hz-250Hz 12dB	50Hz-250Hz 12dB	50Hz-250Hz 12dB	80Hz	80Hz
▶▶ Variable Bass Boost Control	45Hz, 0-12dB	45Hz, 0-12dB	45Hz, 0-12dB	50Hz, 0-12dB	50Hz, 0-12dB
▶▶ Pure Class-A Circuit	•	•	•		

	KS-AX6750	KS-AX6550	KS-AX6350	KS-AX4750	KS-AX4550
▶▶ Built-in Variable Crossover Network	•	•	•		
▶▶ MOS FET Output	•				
▶▶ Gold-Plated Power Terminal	•	•	•	•	•
▶▶ Variable Input Level Control	0.15-3V	0.15-3V	0.15-3V	0.3-5V	0.3-5V
▶▶ HPF/LPF/OFF Switch	•	•	•	•	•
▶▶ Over-load Protection	•	•	•	•	•
▶▶ Short Circuit Protection	•	•	•	•	•
▶▶ DC Offset Protection	•	•	•	•	•
▶▶ Soft Start	•	•	•		
▶▶ Anti-Pop Circuit	•	•	•	•	•
▶▶ Illuminated Control Panel (CFL)	•	•	•		
▶▶ Over-Temperature Protection	•	•	•	•	•
▶▶ Forced Cooling Fan		•			

▶▶ MOS FET Power Output Stage MOS FET transistors in an amplifier's output stage dissipate less heat while delivering high current, a wide frequency response and minimal distortion.



BRIDGEABLE 4-CHANNEL POWER AMPLIFIER

KS-AX4550

CASSETTE RECEIVERS

JVC's cassette receivers are designed for power, easy upgrade and performance. Cassettes sound clean and dynamic thanks to 50W x 4 or 45W x 4 high power. CD sound is only a short-step away because many come complete with CD changer control capability.

Matt Hoffman
World Champion
BMX biker.



Wireless Remote
Control



CHANGER CONTROL CASSETTE RECEIVER **KS-FX480**

JVC, all you need to hear.

Great on all fronts, these cassette receivers are designed to put some rock in your ride with power output of at least 40W x 4. Take advantage of the sound control memory and blast yourself out of your seat every time you switch it on.



CHANGER CONTROL CASSETTE RECEIVER **KS-FX280**



CASSETTE RECEIVER **KS-F160**

FEATURE COMPARISON CHART	KS-FX480	KS-FX280	KS-FX210	KS-F160
▶▶ Full Logic Deck Mechanism	•	•		
▶▶ Rotary Encoder Multi-Control	•			
▶▶ Detachable Control Panel with Carrying Case	•	•	•	•
▶▶ Flip-Down Face	•			
▶▶ cEQ	•			
▶▶ Power Output:	50W x 4 200W Max	45W x 4	40W x 4	40W x 4
▶▶ Dolby B Noise Reduction	•			
▶▶ Sound Control Memory		advanced	•	•
▶▶ Line Output Terminals	(x2 Pairs)	•	•	•
▶▶ Multi-Color LCD Display	•	•		
▶▶ Wireless Remote Control	Round- Shaped	Card- Type		
▶▶ COMPU Play	•	•		
▶▶ Preferred Setting Mode	•	•	•	•
▶▶ Power-Off Mode Eject	•	•		
▶▶ Power Switch Standby Illumination	•	•	•	•
▶▶ White LED Backlight	•	•		
▶▶ CD Changer Control	•	•	•	

▶▶ **Full Logic Mechanism** A full-logic mechanism lets you control cassette operation with just a light tap on control keys. Blank slip automatically detects and skips blanks on the tape that are 10 seconds or longer.

▶▶ **Dolby B Noise Reduction** Dolby B NR (Dolby B Noise Reduction) reduces tape hiss noise to improve the signal-to-noise ratio, especially at high frequencies.

▶▶ **Grooved EHP Head** The Extra-Hard Permalloy (EHP) Head provides better electrical performance and longer service life. Grooves in the head reduce the accumulation of a tape's magnetic debris for better tape-to-head contact, while Dual-Azimuth Alignment reduces azimuth error for extended frequency response.

▶▶ **CD Changer Control** Headunits with CD Changer Control let you control and play discs in the changer from the front panel or remote. You can access any of the 12 CDs directly, initiate random or repeat play.

▶▶ **Multi-Color LCD with Dimmer** This large multi-color LCD provides an attractive, easy-to-see display of numerical and graphical data such as Advanced SCM settings. At night, using the Dimmer, you can make the LCD less bright to cut glare that might bother you while you drive.

▶▶ **Multi-Music Scan** Press the forward or rewind key for cassettes as many times as there are songs to skip. You can jump directly to the song you want even if it is almost at the end of the tape (up to nine songs away).

▶▶ **PLL Synthesizer Tuner** The precision tuner constantly monitors itself to keep selected stations fine-tuned at all times. It provides maximum stereo separation, minimum distortion and increased sensitivity.

▶▶ **Detachable Control Panel** With JVC headunits, you can easily remove the control panel and take it with you for security. They are provided with a convenient compact carrying case to protect the panel.

▶▶ **Sound Control Memory** Sound Control Memory allows you to apply a pre-customized EQ to the music depending on its genre. Choose from among POP, BEAT and SOFT. Or you can combine bass, treble and loudness settings to create your own custom EQ.

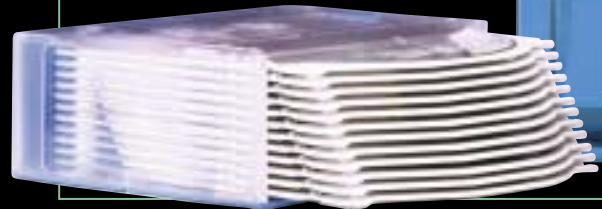


CD CHANGERS

Introducing a CD-R and CD-RW compatible 12-CD changer! The CH-X1100 can play a mix of 12 CDs, CD-Rs and CD-RWs. While you drive, enjoy the compilation discs you create at home.

XC-M200 12-Disc MAGAZINE

Compatible with the CH-X1100 and changer included in the CH-X1100RF, CH-X470RF and CH-PK210
ONE INCLUDED IN EACH CHANGER



12-Disc CD CHANGER CH-X1100

CD-R and CD-RW compatible – enjoy your own CD anthologies on the road

CD-RW (CD-Rewritable) allows you to make your own CDs and play them back on CD players. But conventional CD players have difficulties playing them back because CD-RW's reflectivity – the amount of light reflected off the disc – is extremely low. JVC's ADS (Advanced Digital Servo) is the solution. A combination of a new RF amp and DSP, the circuit boosts the signal of the reflected light by about four times and makes CD-RW readable just like CD and CD-R.

▶ **JVC 12-CD Changer Technology** Thanks to the advanced suspension system, our world's smallest 12-disc changer has proven its superiority in the field and also in the market. This year's lineup highlights a new-generation model with a front finished in Millennium Blue. It's meant for trunk mount, but you might feel like showing it off because it looks so great!

▶ **Full Floating Mechanism** It features the Quad IED (Injection Elastomer Damper) Shock Absorption System combining injection elastomer dampers, silicone grease, and springs. On the vibration test bench using random

frequencies of random intensities, our changer mechanism survived 2G acceleration to prove its superior anti-vibration and anti-shock performance.

FEATURE COMPARISON CHART	CH-X1100	CH-X1100RF	CH-X470RF	KV-RA2
▶▶ CD-R	•	•	•	
▶▶ CD-RW Compatible	•	•	•	
▶▶ World's Smallest 12-CD Changer	•	•	•	
▶▶ Shock-Proof Full-Floating Mechanism	•	•	•	
▶▶ Angled Mounting Capability	•	•	•	
▶▶ See-Through Magazine	•	•	•	
▶▶ High-Precision 3-Beam Laser Pickup	•	•	•	
▶▶ Track-Error Recovery System	•	•	•	
▶▶ 1-Bit DAC	•	•	•	
▶▶ Fast CD Access	•	•	•	
▶▶ Mounting Bracket Supplied	•	•	•	
▶▶ Magazine Lock Function	•	•	•	
▶▶ Smart Eject	•	•	•	
▶▶ Hung Mount Capability	•	•	•	
▶▶ J-Link Connection	•	•	•	
▶▶ Variable Output Level Control	•	•	•	
▶▶ Variable Frequency in 0.2MHz Steps (88.1 to 89.9MHz)		•	•	
▶▶ BBE II High Definition Sound		•	•	
▶▶ Card-Sized Wireless Remote Control		•	•	
▶▶ BBE On/Off Switch		•	•	
▶▶ Hideaway Unit		•	•	
▶▶ BBE High Definition Sound				•
▶▶ Control via Display Unit and Remote		•		
▶▶ VCP/CD Changer Control				•
▶▶ Smart Cable Compatible				•
▶▶ Line Input Terminals				•

CH-X1100RF (Wired & Wireless Remote)



CH-X470RF (Wired Remote)



CH-PK210



KS-FX210 CHANGER CONTROL CASSETTE RECEIVER (Feature Chart on Page 15)

12-Disc CD CHANGER



J-LINK ADAPTER KIT KS-U14K



KS-U15K J-LINK ADAPTER KIT



▶▶ **Magazine Lock Function** Holds the stored discs securely in place.



DIRECT A/V LINK CONTROLLER 40W x 4 Max KV-RA2

▶▶ **CD-R & CD-RW Compatible** Now you can play and enjoy your favorite CDs you've recorded at home on a CD-R/CD-RW recorder or PC. The CH-X1000 is compatible with CD-R and CD-RW discs.

▶▶ **Smart Eject** The lock and delayed release prevents the ejected magazine from popping out accidentally.



▶▶ **See-Through Magazine** You can check the disc loaded in the top tray.

▶▶ **J-Link Connection for Easier Installation** Hooking up a changer to a receiver headunit has never been easier. A single cable allows one-touch connection of audio signals and power between the changer and the receiver.

▶▶ **Faster CD Access Time** A Linear Sliding Cam, Linear Sensor and Four Comb Fixtures for the changer mechanism are combined to greatly reduce access time to tracks and discs.

David Ellefson of Megadeth

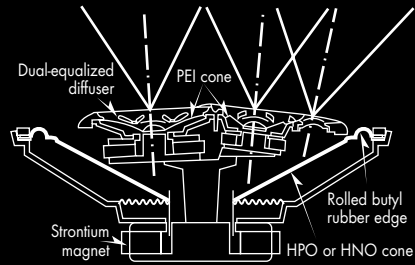


SPEAKERS

Hybrid Pearl Olefin **HPO** Cone

Hybrid Pearl Olefin is a unique new cone material that greatly improves sound quality. Mixed with a vibration control material, the pearl olefin features an increased internal loss for reproduction of deep, solid bass. The diaphragm is an injection-molded design to increase strength and propagation speed. It has a distinctive pearl-like appearance thanks to the titanium dioxide film coating designed to improve high-frequency response. Purity is definitively high with the HPO cone.

The Max. Power Output is measured using a new standard for power output specification.



6" x 9" 4-WAY SPEAKERS 160W Max. Music Power CS-HX6942

Quality and Durability

▶▶ Dual-equalized diffusers Dual-equalized diffusers improve mid- and high-frequency clarity and ensure a smooth response. The PEI (Poly-Ether Imide) midrange and tweeter cones provide a superior propagation speed for higher sound clarity. The angle-mounting design greatly expands the listening area. A rolled butyl rubber edge eliminates spurious vibrations for better response. Strontium magnets create high driving power for greater dynamics. Heat-resistant voice coils are comparable with higher power. Needless to say, JVC speakers are highly resistant to the extreme temperatures, vibrations and other hardships they are likely to undergo in the car environment.

The injection-molded HPO cone boasts a high propagation speed.



120W Max. CS-HX6932

HPO 6" x 9" 3-WAY SPEAKERS



100W Max. CS-HX5722

HPO 5" x 7" 2-WAY SPEAKERS



100W Max. CS-HX6922

HPO 6" x 9" 2-WAY SPEAKERS



60W Max. CS-HX4622

HPO 4" x 6" 2-WAY SPEAKERS



150W Max. CS-HX632

HPO 6 1/2" 3-WAY SPEAKERS



100W Max. CS-HX622

HPO 6 1/2" 2-WAY SPEAKERS



60W Max. CS-HX512

HPO 5 1/4" DUAL-CONE SPEAKERS



90W Max. CS-HX612

HPO 6 1/2" DUAL-CONE SPEAKERS



50W Max. CS-HX422

HPO 4" 2-WAY SPEAKERS



60W Max. CS-HX522

HPO 5 1/4" 2-WAY SPEAKERS



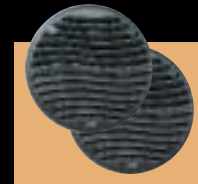
30W Max. CS-306

3 1/2" DUAL-CONE SPEAKERS



MARINE SPEAKERS

- ▶▶ Color Variations
- ▶▶ Water-Proof Rubber Packing
- ▶▶ Silicon-Coated Connection Wires for Rust Prevention
- ▶▶ Covered by Water/Rust-Proof Resin Frames and Baskets
- ▶▶ Meets or Exceeds ASTM Testing for Salt Spray (ASTM-B117) and UV Stability (ASTM-G23H)



100W Max. CS-MX623

6 1/2" 2-WAY SPEAKERS

90W Max. CS-MX613

6 1/2" DUAL-CONE SPEAKERS



100W Max. CS-MX622

6 1/2" 2-WAY SPEAKERS

90W Max. CS-MX612

6 1/2" DUAL-CONE SPEAKERS

V-SERIES SPEAKERS

▶▶ The "V" Speaker Series The "V" Speaker Series highlights speakers boasting a superior value for the technologies originally developed for hi-fi in the car, like Hyper Olefin cones. "V" speakers are cost-efficient alternatives to the "HX" Speaker Series.



240W Max. CS-V6932

6" x 9" 3-WAY SPEAKERS



150W Max. CS-V622

6 1/2" 2-WAY SPEAKERS



100W Max. CS-V422

4" 2-WAY SPEAKERS

- ▶▶ Hybrid Colored Olefin Woofer
- ▶▶ Poly-Ether Imide Tweeter
- ▶▶ Strontium Magnet
- ▶▶ Rolled Butyl Rubber Edge
- ▶▶ Max. Music Power

If you judge the c before you judge L

Todd Whitener of Tantric

ROAD THEATER

JVC Mobile A/V Systems

Get Movin'

JVC Road Theater is an advanced concept of integrated in-car audio/video entertainment that highlights a monitor and a video source whether it be a VCP (videocassette player) or DVD player.



Multi-Function Wireless Remote Control



MOBILE DVD/CD PLAYER

KV-DV7



MOBILE VIDEO CASSETTE PLAYER (NTSC)

KV-V8



Card-Sized Wireless Remote Control

- ▶▶ S-VHS Quasi-Playback (SQPB)
- ▶▶ Advanced Digital Tracking
- ▶▶ 4-Head Hi-Fi Stereo
- ▶▶ Self-Illuminated Function Keys
- ▶▶ Horizontal/Vertical Installation
- ▶▶ Audio Select on Remote
- ▶▶ Input: Video x 1, Audio x 1
- ▶▶ Output: Video x 1, Audio x 1

- ▶▶ Region Code: 1
- ▶▶ 1-DIN Size
- ▶▶ DVD/V-CD/CD Player
- ▶▶ Headphone Output with Volume Control
- ▶▶ Initial Setup by Menu

- ▶▶ 27 MHz/10-bit Video D/A Converter
- ▶▶ 96kHz/24-bit Audio D/A Converter
- ▶▶ Dolby Digital/DTS Capability
- ▶▶ Multi-Function Wireless Remote Control
- ▶▶ 2 Composite Video Outputs (M/NTSC) for 2 Monitors
- ▶▶ Output: Audio x 1, Video x 2
- ▶▶ Vibration-Resistant Mechanism
- ▶▶ Anti-Shock Memory

▶▶ Imagine the pleasure of an in-car theater to entertain the kids on those long road trips, or even the not so long ones. JVC has made that a reality and would like to share the excitement with you. They offer a road theater guaranteed to stimulate your senses and make the kids wish they "weren't there yet."

The optional Universal Overhead Console is available in two finishes - gray (OHC700G) and tan (OHC700T).



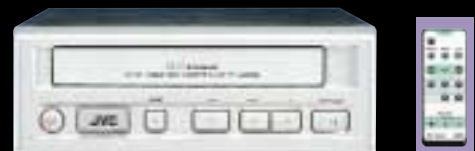
OHC700G



OHC700T

KV-PK5

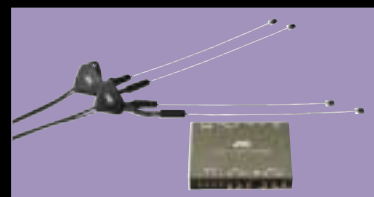
In-car entertainment with a difference. All in a single package.



KV-V8

KV-M700

KS-IF200



KV-C10

NTSC TV TUNER (OPTIONAL)

- ▶▶ Custom Design exclusively for the KV-M700
- ▶▶ Station Auto Store
- ▶▶ 2 In-car Antennas



KV-M700

6.4-INCH NTSC MONITOR

- ▶▶ TFT Active-matrix LCD
- ▶▶ Slim and Compact-1 1/8 inches in Depth
- ▶▶ 2 Headphone Jacks
- ▶▶ Wireless Remote Control with VCP Control



KS-IF200

RF MODULATOR

- ▶▶ 8-step Frequency Control (88.1 to 89.5 MHz)



KV-K1009

FITTING BRACKET

- ▶▶ Fitting Bracket to Mount the KV-M700
- ▶▶ Versatile Left/Right Side Mount
- ▶▶ 360-Degree Rotating Neck



KV-RA2

DIRECT A/V LINK CONTROLLER
40W x 4 Max

- ▶▶ VCP/CD Changer Control
- ▶▶ BBE High Definition Sound
- ▶▶ Smart Cable Compatible
- ▶▶ Line Input Terminals



KS-U57

LINE-IN ADAPTER

- ▶▶ Feeding the VCP's audio signal to a JVC CD or cassette receiver with CD Changer Control even if it lacks a line input
- ▶▶ Direct audio connection between VCP and headunit (Works with all 2002 models with CD Changer Control)

Scenes from
The Lord of the Rings:
The Fellowship of the Ring

CD RECEIVERS										
	KD-SH55	KD-SH707	KD-LH1000	KD-LX111	KD-SX980	KD-SX780	KD-S700GN	KD-S700BU	KD-S680	KD-S580
CD PLAYER SECTION										
Frequency response					5 - 20,000Hz					
Dynamic range	98dB		96dB		98dB		96dB			
Signal-to-noise ratio	102dB		98dB		102dB		98dB			
Channel separation	More than 85dB									
Wow & flutter	Less than measurable limit									
TUNER SECTION										
No. of presets (FM + AM)	18 + 6									
FM Frequency range	87.5 - 108.0MHz									
Usable sensitivity	11.3dBf (1.0µV/75Ω)									
50dB quieting sensitivity	16.3dBf (1.8µV/75Ω)									
Stereo separation	35dB									
Capture ratio	1.5dB									
AM Frequency range	530 - 1,710kHz									
Sensitivity	20µV									
Selectivity	35dB									
AMPLIFIER SECTION										
Maximum power output	50 watts x 4					45 watts x 4				
Continuous power output (RMS) *Total harmonic distortion	4CH: 18 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*		4CH: 19 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*				4CH: 17 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*			
Frequency response	40 - 20,000Hz									
Load impedance	4Ω (4 - 8Ω allowable)									
Line Output level	2.0V									
Line Output impedance	1kΩ									
DIMENSIONS (W x H x D)										
Installation size	182 x 52 x 160mm 7- ¹ / ₁₆ " x 2- ¹ / ₁₆ " x 6- ³ / ₁₆ "		182 x 52 x 150mm 7- ¹ / ₁₆ " x 2- ¹ / ₁₆ " x 5- ¹⁵ / ₁₆ "		182 x 52 x 160mm 7- ¹ / ₁₆ " x 2- ¹ / ₁₆ " x 5- ¹⁵ / ₁₆ "		182 x 52 x 150mm 7- ¹ / ₁₆ " x 2- ¹ / ₁₆ " x 5- ¹⁵ / ₁₆ "			
Panel size	188 x 58 x 14mm 7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ⁵ / ₁₆ "		188 x 58 x 13mm 7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ¹ / ₁₆ "		188 x 58 x 12mm 7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ¹ / ₁₆ "		188 x 58 x 8mm 7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ¹ / ₁₆ "		188 x 58 x 11mm 7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ¹ / ₁₆ "	
Detachable face plate	169 x 45 x 20mm 6- ⁷ / ₁₆ " x 1- ¹ / ₁₆ " x ¹ / ₁₆ "		169 x 45 x 20mm 6- ³ / ₁₆ " x 1- ³ / ₁₆ " x ¹ / ₁₆ "		-		169 x 45 x 19mm 6- ¹¹ / ₁₆ " x 1- ¹ / ₁₆ " x ¹³ / ₁₆ "		170 x 46 x 19mm 6- ⁷ / ₁₆ " x 1- ¹³ / ₁₆ " x ¹ / ₁₆ "	

CASSETTE RECEIVERS				
	KS-FX480	KS-FX280	KS-FX210	KS-F160
CASSETTE DECK SECTION				
Head (Metaperm)	Play x 1			
Wow & Flutter (WRMS)	0.11%		0.15%	
Frequency response Normal	30 - 16,000Hz		50 - 14,000Hz	
S/N ratio (normal tape) Dolby NR on	65dB		-	
Dolby NR off	56dB		52dB	
TUNER SECTION				
No. of presets (FM + AM)	18 + 6			
FM Frequency range	87.5 - 107.9MHz			
Usable sensitivity	11.3dBf (1.0µV/75Ω)			
50dB quieting sensitivity	16.3dBf (1.8µV/75Ω)			
Stereo separation	35dB		35dB	
Capture ratio	1.5dB		2.0dB	
AM Frequency range	530 - 1710kHz			
Sensitivity	20µV			
Selectivity	35dB			
AMPLIFIER SECTION				
Maximum power output	50 watts x 4		40 watts x 4	
Continuous power output (RMS) *Total harmonic distortion	4CH: 19 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*		4CH: 17 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*	
Frequency response	40 - 20,000Hz			
Load impedance	4Ω (4 - 8Ω allowable)			
Output level	2.0V		1.0V	
Output impedance	1kΩ			
DIMENSIONS (W x H x D)				
Installation size	182 x 52 x 150mm (7- ¹ / ₁₆ " x 2- ¹ / ₁₆ " x 5- ¹⁵ / ₁₆ "			
Panel size	188 x 58 x 12mm (7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ¹ / ₁₆ "		188 x 58 x 11mm (7- ¹ / ₁₆ " x 2- ³ / ₁₆ " x ¹ / ₁₆ "	
Detachable face plate	169 x 45 x 19mm (6- ¹¹ / ₁₆ " x 1- ¹³ / ₁₆ " x ¹³ / ₁₆ "		170 x 46 x 19mm (6- ⁷ / ₁₆ " x 1- ¹³ / ₁₆ " x ¹ / ₁₆ "	

AMPLIFIERS					
	KS-AX6750	KS-AX6550	KS-AX6350	KS-AX4750	KS-AX4550
Power output (Max.)	4CH - 140W x 4	390W mono + 140W x 2	280W mono + 100W x 2	-	260W mono + 100W x 2
	3CH - 330W x 2	390W x 2	280W x 2	200W x 2	260W x 2
	1CH - 900W mono	-	-	560W mono	-
Continuous power output (RMS) (4Ω, 20Hz - 20kHz, 0.08% total harmonic distortion)	150W x 2	70W x 4	50W x 4	100W x 2	50W x 4
Frequency response	10 - 50kHz				
Load impedance	2 - 8Ω				
Signal-to-noise ratio	100dB (IHF A Network)				
Line input: level/impedance	1V/20kΩ (0.15 - 3V allowable)		1V/20kΩ (0.3 - 5V allowable)		
Distortion (at 1kHz)	Less than 0.04%				
Crossover Frequency	50 - 250Hz / 12dB			80Hz	
Variable Bass Boost Control	45Hz / 0 - 12dB			50Hz / 0 - 12dB	
Variable Input Level Control	0.15 - 3V			0.3 - 5V	
Dimensions (W x H x D)	351 x 66 x 226mm		371.3 x 73.2 x 232mm		

Power Requirements Operating Voltage: DC 14.4V (11V - 16V allowable) Grounding System: Negative Ground

MONITOR	
	KV-M700
No. of pixels	234 x 960
Input terminals	Video IN x 2 Audio IN x 2
Output terminals	Video OUT x 1 Audio OUT x 1 Headphone OUT x 2
Headphone output	15mW
DIMENSIONS (W X H X D)	
Display unit	176 x 133 x 292mm 6- ⁹ / ₁₆ " x 5- ¹ / ₁₆ " x 1- ¹ / ₁₆ "
Controller unit	163 x 28.5 x 120mm 6- ⁷ / ₁₆ " x 1- ¹ / ₁₆ " x 4- ¹ / ₁₆ "
Screen size (W x H, diagonal)	132 x 98 x 164mm 5- ¹ / ₁₆ " x 3- ⁷ / ₁₆ " x 6- ¹ / ₂ "
WEIGHT	
Display unit	0.6kg (1.4lbs)
Controller unit	0.55kg (1.3lbs)

TV TUNER	
	KV-C10
Television system	NTSC Color, EIA Standard
Channel coverage	VHF: 2 to 13, UHF: 14 to 69
Antenna input	75Ω φ3.5 Mini Jack (4 diversity input)
Video output	1.0Vp-p/75Ω (RCA jacks)
Audio line output	500mV (RCA jack)
Headphone output 1,2	15mW
Video input 1,2	1.0Vp-p/75Ω, NTSC (RCA jacks)
Audio input 1,2	500mV (RCA jack)
Dimensions (W x H x D)	163 x 28.5 x 120mm 6- ⁷ / ₁₆ " x 1- ¹ / ₁₆ " x 4- ¹ / ₁₆ "
Weight	0.6kg (1.4lbs)

CD/CASSETTE RECEIVER	
	KW-XC777
CD PLAYER SECTION	
Frequency response	5 - 20,000Hz
Dynamic range	96dB
Signal-to-noise ratio	98dB
Channel separation	More than 85dB
Wow & flutter	Less than measurable limit
CASSETTE DECK SECTION	
Head (Metaperm)	Play x 1
Wow & Flutter (WRMS)	0.10%
Frequency response Normal	30 - 16,000Hz
S/N ratio (normal tape) Dolby NR on	65dB
Dolby NR off	56dB
TUNER SECTION	
No. of presets (FM + AM)	18 + 6
FM Frequency range	87.5 - 108.0MHz
Usable sensitivity	11.3dBf (1.0µV/75Ω)
50dB quieting sensitivity	16.3dBf (1.8µV/75Ω)
Stereo separation	35dB
Capture ratio	1.5dB
AM Frequency range	131 - 1,602kHz
Sensitivity	20µV
Selectivity	35dB
AMPLIFIER SECTION	
Maximum power output	45 watts x 4
Continuous power output (RMS) *Total harmonic distortion	4CH: 17 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*
Frequency response	40 - 20,000Hz
Load impedance	4Ω (4 - 8Ω allowable)
Output level	2.0V
Output impedance	1kΩ
DIMENSIONS (W x H x D)	
Installation size	178 x 100 x 150mm 7- ¹ / ₁₆ " x 3- ¹³ / ₁₆ " x 5- ¹⁵ / ₁₆ "
Panel size	-
Detachable face plate	-

DIRECT A/V LINK CONTROLLER	
	KV-RA2
AMPLIFIER SECTION	
Maximum power output (Front/Rear)	40 watts x 4
Continuous power output (RMS) (Front/Rear)	4CH: 16 watts per channel into 4Ω, 40Hz - 20kHz, at no more than 0.8% THD*
Frequency response	40 - 20,000Hz
Load impedance	4Ω (4-8Ω allowable)

CD CHANGERS				
	CH-X1100	CH-X470	CH-X1100RF	CH-X470RF
CD PLAYER SECTION				
Frequency response	5 - 20,000Hz			
Dynamic range	93dB			
Signal-to-noise ratio	96dB			
Total harmonic distortion	0.006%			
Channel separation	More than 85dB			
Wow & flutter	Less than measurable limit			
Output level	1.5V			
Output impedance	1kΩ			
DIMENSIONS (W x H x D)				
Installation size	252 x 88 x 174mm (9- ¹⁵ / ₁₆ " x 3- ¹ / ₂ " x 6- ⁷ / ₁₆ "			

SPEAKERS												
	CS-V6932	CS-V622	CS-V422	CS-HX6942	CS-HX6932	CS-HX6922	CS-HX5722	CS-HX632	CS-HX622	CS-HX612	CS-HX522	CS-HX512
Type	Coaxial											
Woofers cone	6" x 9" HCO****	6- ¹ / ₂ " HCO****	4" HCO****	6" x 9" HPO**			5" x 7" HO*	6- ¹ / ₂ " HPO**			5- ¹ / ₁₆ " HPO**	
Midrange cone	2- ¹¹ / ₁₆ " PEI	-	-	2- ¹¹ / ₁₆ " PEI			-	2" PEI		-	-	-
Tweeter cone	¹³ / ₁₆ " PEI	-	1" PEI	1- ⁵ / ₁₆ " PEI	¹³ / ₁₆ " Dome	2- ¹¹ / ₁₆ " PEI	2" PEI	¹³ / ₁₆ " Dome	2" PEI	-	2" PEI	-
Supertweeter cone	-	-	-	¹³ / ₁₆ " Dome	-	-	-	-	-	-	-	-
Gold-plated screw terminal	-											
Mounting	Rear	Door/Rear		Rear			Door/Rear			Door/Rear		
Frequency response	28-27,000Hz	35-25,000Hz	45-24,000Hz	28-30,000Hz	28-27,000Hz	30-26,000Hz	35-25,000Hz	35-30,000Hz	35-25,000Hz	35-21,000Hz	40-24,000Hz	40-21,000Hz
Power handling capacity (Max. music power)	240W	150W	100W	160W	120W	100W		150W	100W	90W	60W	60W
Impedance	4Ω											
Sound pressure level	93dB	91dB	90dB	94dB	93dB			91dB			90dB	
Crossover frequency	4, 8kHz	5kHz		4, 8, 15kHz	4, 8kHz	5kHz		4, 8kHz	5kHz	-	5kHz	-
Weight	4 lbs.	1.9 lbs	1.2 lbs	3.8 lbs	3.4 lbs	2.5 lbs	2.3 lbs	2.5 lbs	2.0 lbs	1.5 lbs	1.3 lbs	1.2 lbs
Magnet weight	474g, 16.7oz	228g, 8oz	153g, 5.4oz	380g, 13.4oz		228g, 8.0oz	285g, 10.0oz	283g, 10.0oz	228g, 8.0oz	153g, 5.4oz	182g, 6.4oz	
Mounting depth	82.5mm 3- ¹ / ₁₆ "	46.5mm 1- ⁷ / ₁₆ "	43mm 1- ³ / ₁₆ "	74.4mm 2- ⁹ / ₁₆ "		69.9mm 2- ¹¹ / ₁₆ "	58.3mm 2- ¹ / ₁₆ "	54.5mm 2- ¹ / ₁₆ "	44.5mm 1- ¹³ / ₁₆ "	43.5mm 1- ⁷ / ₁₆ "	44.5mm 1- ¹³ / ₁₆ "	44.5mm 1- ¹³ / ₁₆ "

	CS-HX4622	CS-HX422	CS-306	CS-MX622	CS-MX623	CS-MX612	CS-MX613	CS-LD3300	CS-LD3250	CS-M65	CS-HS601	CS-HS551
Type	Coaxial		Dual-Cone	Marine			Subwoofer		Mid-Bass	2-Way Separate		
Woofers cone	4" x 6" HPO**	4" HPO**	3- ¹ / ₂ "	6- ¹ / ₂ " HNO***			12" laminated	10" laminated	6- ¹ / ₂ " HNO***	6- ¹ / ₂ " HPO**	5- ¹ / ₁₆ " HPO**	5- ¹ / ₁₆ " HPO**
Midrange cone	-											
Tweeter cone	1- ³ / ₁₆ " PEI	-	-	1" PEI			-	-	-	-	-	¹³ / ₁₆ " Soft Dome
Supertweeter cone	-											
Gold-plated screw terminal	-											
Mounting	In-Dash	Door/Rear	In-Dash	Cabin			Rear		Door/Rear			
Frequency response	45-24,000Hz	45-24,000Hz	70-20,000Hz	30-30,000Hz			35-25,000Hz	16-1,500Hz	18-2,000Hz	30-8,000Hz	35-40,000Hz	
Power handling capacity (Max. music power)	60W	50W	30W	100W			90W	500W	400W	150W****		
Impedance	4Ω											
Sound pressure level	90dB		88dB	91dB			93dB	92dB	90dB	92dB	90dB	
Crossover frequency	5kHz		-	5kHz			-	4kHz			4kHz	
Weight	1.1 lbs	1.2 lbs	0.63 lbs.	1.9 lbs			1.8 lbs	8.6 lbs	6.7 lbs	2.0 lbs	1.8 lbs	1.4 lbs
Magnet weight	153g, 5.4oz		82g, 2.9oz	228g, 8.0oz			183g, 6.4oz	1163g, 41.1oz	855g, 30.2oz	283g, 10.0oz	228g, 8.0oz	185g, 6.5oz
Mounting depth	43.5mm 1- ¹ / ₁₆ "	42.5mm 1- ¹ / ₁₆ "	40.8mm 1- ³ / ₁₆ "	58.4mm 2- ³ / ₁₆ "			131mm 5- ¹ / ₁₆ "	116.5mm 4- ⁵ / ₁₆ "	62mm 2- ¹ / ₂ "	46.5mm 1- ⁷ / ₁₆ "	48mm 1- ¹⁵ / ₁₆ "	48mm 1- ¹⁵ / ₁₆ "

* Hybrid Olefin ** Hybrid Pearl Olefin *** Hyper Neo Olefin **** With HPF ***** Hybrid Colored Olefin

CROSSOVER NETWORK										
	KS-N60									
	Subwoofer	Front			Rear					
Input Channel	Subwoofer	Mid-Bass			Mid	High	Mid			High
Output Channel	Subwoofer	High Pass	Low Pass	High Pass	Low Pass	High Pass	High Pass	Low Pass	High Pass	High Pass
Filter	Low Pass	High Pass	Low Pass	High Pass	Low Pass	High Pass	High Pass	Low Pass	High Pass	High Pass
Cutoff Frequency	30 - 200Hz	30 - 300Hz	50 - 800Hz	50 - 800Hz	3,000 - 10,000Hz	3,000 - 10,000Hz	50 - 800Hz	3,000 - 10,000Hz	3,000 - 10,000Hz	3,000 - 10,000Hz
Filter through/On switch		✓	✓	✓	✓		✓	✓	✓	
Phase (Degree)										

▶▶ **4V Line Output Level** The 4V line level reveals that the unit is capable of delivering a high 4 volts of output signal. The high-quality output signal provides amplifiers with the best possible input for improved signal-to-noise ratio, reduced distortion and an expanded dynamic range.

▶▶ **Adjustable Line Input** The adjustable line input lets you equalize the level of audio from the connected VCP (or other components) to match that of the CD or FM tuner. This ensures comfortable use by preventing jumps in the sound levels as you switch from one source to another. Electronic level control permits adjustment in 5 steps.

▶▶ **Advanced CD Player** see page 11

▶▶ **Advanced Sound Control Memory** see page 9

▶▶ **Amp Defeat Switch** When you upgrade the power of your system with the addition of a high-powered external amplifier, you can shut off the power of the internal amp of your receiver. The Amp Defeat Switch prevents distortion and heat an idling amp can produce.

▶▶ **Angled Mounting Capability** Five 22.5-degree angled positions feature greater installation flexibility, allowing the changer to be set in place over the range of 0 to 90 degrees.

▶▶ **Audio Cruise Mode** Keep your hands off the volume control and on the steering wheel. Audio Cruise mode automatically adjusts the volume level whenever a change in your engines RPM level is detected. When you speed up slow or down, your listening level follows suit, compensating for engine and road noise.

▶▶ **BBE II High Definition Sound** BBE II High Definition Sound ensures that the sound you hear is as true to the original recording as possible. High frequencies are clearer, vocals are crisper and bass is full and rich. With BBE II, JVC's exclusive control lets you choose a custom response from among three alternatives, depending on the type of musical programming you are listening to.

▶▶ **Beep Tone Support** Beep Tone Support confirms operations with audible beeps so you can keep your eyes on the road — no need for visual confirmation of the operation you have just completed.

▶▶ **Card-Sized Wireless Remote Control** see page 11

▶▶ **CD Changer Control** see page 15

▶▶ **CD-R/CD-RW Compatible** see page 18

▶▶ **CD Text Capability** CD Text Capability allows the large-sized LCD to show information about the disc- title, artist name and so on — that is being played on the headunits CD player.

▶▶ **COMPU Play** COMPU Play gets the headunit up and playing from a cold start, the moment you select a source (FM, CD) or insert a disc or tape.

▶▶ **Detachable Control Panel** see page 16

▶▶ **Direct Track Access** The included CD track control functions are: Skip, Search, Repeat (Track/Disc*), Random Play, and Intro Scan (Track/Disc*). Direct Track Access allows you to access Track 1 to Track 12 quickly with the touch of a button.

* In conjunction with a changer.

▶▶ **Dolby B Noise Reduction** see page 15

▶▶ **Dual-Equalized Diffusers** see page 19

▶▶ **Ergo Switch** The tactile switch offers an improved sense of control and ease of use.

▶▶ **Faster CD Access** see page 18

▶▶ **Forced Cooling Fan** Heat is conducted out by a powerful fan, helping to keep the size of the unit down. There are also finned heat sinks on both sides.

▶▶ **Full Dot-Matrix Display** see page 5

▶▶ **Full Floating Mechanism** see page 17

▶▶ **Full Logic Mechanism** see page 15

▶▶ **Full VCP Control** The KD-LX50 provides full control of the KV-V8 Mobile VCP. You can conveniently control the video source using the slim card-size remote control or the headunit itself. The remote control allows you to access several functions including: Play, Stop, Fast-forward, Rewind, and Power On/Off. The pause function is accessed on the unit itself. For user convenience, the multi-color LCD changes its indications to display the selected video function.

▶▶ **Grooved EHP Head** see page 15

▶▶ **Grouped Source Control Keys** This is another design feature for handy operation. Source keys are conveniently placed side-by-side with up/down keys for tracks and stations.

▶▶ **HS - II Tuner** Featuring accurate, drift free PLL synthesized tuning. JVC's exclusive HS - II Tuner has the superb ability to eliminate undesirable noise in weak FM signals and to suppress distortion due to interference from adjacent stations.

▶▶ **Hybrid Pearl Olefin Cone** Hybrid Pearl Olefin is a unique new cone material that greatly improves sound quality. Mixed with a vibration control material, the pearl olefin features an increased internal loss for reproduction of deep, solid bass. The diaphragm is an injection-molded design to increase strength and propagation speed. It has a distinctive pearl-like appearance thanks to the titanium dioxide film coating designed to improve high-frequency response. Purity is definitively high with the HPO cone.

▶▶ **Illuminated Control Panel** All controls and switches are located on top for ease of use. The top panel is attractively illuminated, with the reinforced acrylics protecting adjusted settings.

▶▶ **J-Link Connection** see page 18

▶▶ **JVC 12-CD Changer Technology** see page 17

▶▶ **Keychain Remote** see page 9

▶▶ **Line Output Terminals** see page 9

▶▶ **Magazine Lock Function** see page 18

▶▶ **MOS FET Power Output Stage** see page 14

▶▶ **MOS FET Power Supply Converter** MOS FETs in the converter improve the power supply stability.

▶▶ **MP3 Compatible** see pages 6 and 10

▶▶ **MP3 Input** see page 6

▶▶ **Multi-Color LCD with Dimmer** see page 16

▶▶ **Multi-Music Scan** see page 16

▶▶ **Peak Power** see page 9

▶▶ **PLL Synthesizer Tuner** see page 16

▶▶ **Power Output (45W X 4)** A compact power IC device makes it possible for many of our CD receiver headunits to deliver 45W X 4 peak power. This allows increased bass response and improved clarity. Higher system performance is possible without requiring additional amplifiers.

▶▶ **Power Output: 200W Max. (50W X 4)** Class leading high power yields the extra large reserves of power demanded by the wide dynamic range of high-spec digital sources. Upgrades to higher system performance are possible without requiring additional amplifiers.

▶▶ **Preferred Setting Mode** see page 9

▶▶ **Rotary Encoder** A design for clean looks and ease of use. As the control panel slides out, the knob, flush with panel, automatically projects forward, letting you change various settings on your receiver.

▶▶ **Rotary Encoder Multi-Control** see page 11

▶▶ **See-Through Magazine** see page 18

▶▶ **Smart Eject** see page 18

▶▶ **Sound Control Memory** see page 16

▶▶ **Speaker Input Connector** Beside the line-input terminals, there is a speaker input connector for connections with the factory radios that have speaker outputs, but not RCA output jacks.

▶▶ **Station/Disc Name Registration** When you enter the names of CDs inserted into the CD headunit or the connected CD changer, Disc Name Registration stores them for display to make it easy to identify the CD you want to hear. You can even enter names of radio stations for display in the LCD.

▶▶ **Subwoofer Output Terminals** You can boost or decrease the level (8 steps) and also select the cut-off frequency (60/80/120Hz) with the ELKAMELEONS right from the dash, depending on your sub's capabilities and the other speakers in your car system.

▶▶ **Tuner Noise Reduction** AFNS (Automatic FM Noise Suppressor) reduces high-frequency noise using a high-cut filter. PNC (Pulse Noise Canceller) cuts out interference noise and distortion caused by the nearby vehicle's ignition system. And SSM (Strong Station Sequential Memory) automatically stores the six strongest station on the tuning dial for automatic station presets.

▶▶ **Two Pairs of Gold-Plated Line Output Terminals** High quality output terminals give you the flexibility to configure your in-car system. Gold plating ensures long-term reliability and durability.

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