JVC®

VIDEO and MULTIMEDIA 2002

The Inventor of VHS

http://www.jvc.com/
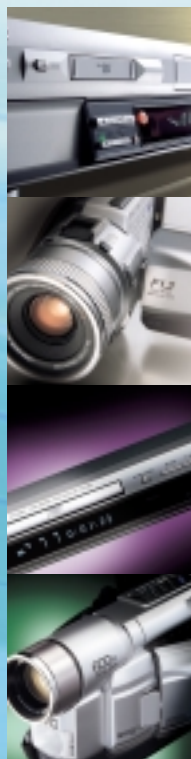
Excite your senses.

MiniDV Format

The de facto standard in digital video. In combination with JVC's **Super High-Band Processor**, MiniDV lets this digital video camera deliver a high resolution picture with way **over 500 lines of horizontal resolution**, and breathtaking colors with over **3 times the bandwidth** of conventional analog video.

Megapixel Wide CCD

With over **1,000,000 image-sensing pixels**, the camera can capture superior quality moving and still images. It helps bring out the **best of DV's high resolution recording** capabilities. And its wider surface area enables superior wide angle performance — just zoom out to maximum and you can go seamlessly to a wide angle picture equivalent to a 39.7 mm lens on a 35 mm film camera.

HG Digital Stills

By way of its **Progressive Shutter**, the camera is able to capture **HG Digital Stills** (1600 x 1200*/1280 x 960**/ 1024 x 768/640 x 480-pixel) a frame at a time so they have **less motion blur** and offer **1.5 times the vertical resolution** of conventional field stills. And once you transfer your shots to a PC, you can apply a variety of post-production effects using the supplied software.

*For GR-DV3000.
**For GR-DVM96/DVP7/DVL920/DVL820/DVL725.

SD Memory Card/ MultiMediaCard

Lets you **load digital image data directly from the camera to your computer** with an optional USB Reader/Writer, Floppy Disk Adapter or PC Card Adapter. A SD Memory Card or MultiMediaCard* comes provided.

* Provided card type differs depending on the model.

USB Terminal

Enables **plug-and-play high-speed transfer of digital still images** to a USB-compatible personal computer. With **USB Mass Storage Class** support, the Memory card is automatically mounted on your computer screen as a drive unit for easy access just by connecting the USB cable.

DV Input/Output terminal

(i.Link, IEEE 1394 compliant)

Enables high-speed digital-to-digital **image transfer** to a computer for post-production or **lossless dubbing** to/from another DV unit in **native DV format**.

MPEG-4 Email Video Clips

You can make short **video clips**, complete **with sound**, in MPEG-4 format — the preeminent standard on the web. The small file size also makes convenient e-mail attachments.
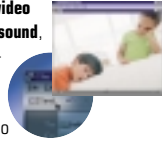
Digital Sound Effects (MP3)

Have fun inserting **various sound effects** (pre-recorded on SD Memory Card/ MultiMediaCard and downloadable from JVC's web site) into your video as you record, or even afterwards into scenes you've already recorded.

- Explosion • Siren • Laughter • Race Car
- Door Bell • Buzzer • Fanfare • Applause
- Cheers • Boing • Scream • Jeers

Web Camera Function

Lets you connect the camera to your computer via USB interface and use it just like a Web-Camera for your teleconferencing and remote monitoring applications.*

* Using third party software such as Microsoft Netmeeting®

Digital Effects for Post-Production

CyberCam offers a **wide selection pro-style digital effects and scene transitions** — most of which can be applied **during playback**.

Special Effects
- Black & White* • Sepia* • Classic Film* • Strobe*
- Cinema • Backlight • Twilight • Sports • Snow
- Spotlight • Squeeze • Slow Shutter***
- Variable-Speed Shutter (1/60 — 1/4000)

Scene Transitions
- White Fader • Black Fader • Black & White Fader
- Shutter Wipe** • Slide Wipe** • Door Wipe**
- Corner Wipe** • Window Wipe** • Scroll Wipe**

* Applicable during playback
** All Wipes can be done from image to image, or image to/from black screen.
*** Not available for Megapixel models.

Depending on the model, some functions may not be available.
The availability of some special effects and scene transitions depends on the shooting mode. For the details please consult your JVC dealer.

700x Super Digital Zoom* with Spline Interpolation

Smoothes out image contours and minimize jagged edges. (Optical zoom = 10x)

*300x zoom on GR-DV3000. 200x zoom on GR-DVP7/DVM96/DVM76.

High-Value Software Package*

Windows®/Macintosh®:
- **Digital Photo Navigator** for still image transfer, easy image re-sizing and Web file (HTML) creation, library management, slideshows and movie file (.AVI) creation, as well as superimpose title creation.(1)(3)
- **PIXELA ImageMixer** for file management (stills, movies, sounds), easy non-linear MPEG-1 editing with scene transitions, MPEG-1 recording of live camera images onto hard disk, MPEG-1 ↔ MPEG-4 file format conversion, and pro-style retouching.(1)(3)

Windows®:
- **Presto! Mr. Photo3** for image cataloging, web page creation, and photo decorating (combined functions of Presto! Mr. Photo + PhotoAlbum).(2)
- **Presto! ImageFolio** for pro-style retouching with multi-layer mask support, custom layouts, and advanced special effects.(2)

Macintosh®:
- **Presto! Mr. Photo** for image cataloging, viewing and automatic Web page creation (HTML output).(3)
- **Presto! PhotoAlbum** for decorating photos with various templates.(4)

* Provided software differs depending on the model.
(1) Compatible with Windows®98/98SE/Me/2000Professional. (2) Compatible with Windows®95/98/98SE/Me/2000Professional.
(3) Compatible with Macintosh® Mac OS 8.6 — 9.1. (4) Compatible with Macintosh® Mac OS 8.1 — 9.1.

Digital Photo Navigator

PIXELA ImageMixer

High Resolution Picture with Super VHS and Super VHS ET

Super VHS

+60% Better Picture Quality

| S-VHS tape | → | S-VHS recording |
| VHS tape HG | → | VHS recording |

S-VHS ET

As a format, Super VHS offers **more than 400 lines** of horizontal resolution. That's up to **60% more resolution** than ordinary video — great for large-screen viewing, and ideal for master tapes. For those really important recordings that you plan to keep, using S-VHS cassettes will assure the highest possible quality now and in the future. And with the **Super VHS ET** function, you can enjoy high resolution more conveniently, because it lets you record **Super VHS images on standard Compact VHS cassettes**.

Digital Photo Capture*

(with Digital Photo Navigator)

Easily capture digital stills from your video footage by serial (RS-232C) connection. Just hook-up the provided connector and run the provided **Digital Photo Navigator** program, and capture stills individually, or at selectable intervals from the tape, or **automatically import the scenes where you've used the Snapshot Mode in your videos**. The software also allows easy image re-sizing, Web file (HTML) creation, library management, slideshow viewing, and movie file (.AVI) creation so you can make more of your camcorder footage.

* Also applicable for GR-DVL320.

NightAlive

Boosts light sensitivity for a **bright picture** even in environments with minimal illumination.* And unlike infrared-based systems which turn the image black-and-white and have limitations on their effective distance, NightAlive always gives you **full color**, whether your subject is close by or far away. Turn it on, and wake up the colors without awakening your subject.

Simulated
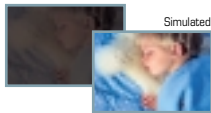
ON!

*JVC's NightAlive combines digital slow shutter and image processing technology. With rapidly moving subjects, image trails may be displayed.

Digital Picture Improvement Technology

Applied at every stage from the camera up until actual recording to optimize overall quality.

- **Super High-Band Processor** restores high-band components in the luminance signal to raise resolution, using technology originally developed for digital video cameras.
- **Picture Stabilizer** recognizes the user's unique camera-shake characteristics to eliminate shaky pictures more effectively.
- **Digital TBC** (Time Base Corrector) helps eliminate picture jitter from playback images.
- **Digital CNR** (Chroma Noise Reduction) eliminates color noise and smear for a sharper, crisper playback picture.

* Not available for VHS models.

Built-in Battery Charger

You can take the camcorder on trips without having to take a separate, space-consuming charger along also. Its battery **"refresh" function** allows total discharge before charging, helping to prolong the battery's service life.

And Much More...

- **600x Digital Hyper Zoom** for extreme close-ups, with zoom speed variable by finger pressure. (Optical zoom = 16x)
- **110,000-Pixel 2.5"/3"/3.5" LCD Color Monitor** is tiltable for high-angle overhead shooting in crowds, low-angle shots, or even self-portraits.
- **High-Resolution Color Viewfinder** makes it easy to pick your subject out of "busy" surroundings.
- **Fine Still Playback** lets you pause any scene without any jittery on-screen noise.

118 Combinations* of Digital Special Effects and Scene Transitions

You can enjoy the variety of these great **built-in** effects:

Digital Effects applicable during recording:
- Mosaic • Stretch • Nega/Posi • Sepia
- Black & White • Solarization • Blue Filter
- Red Filter • Strobe** • Classic Film** • Video Echo**

Digital Effects applicable during playback:
- Sepia • Black & White • Solarization • Blue Filter
- Red Filter • Strobe • Classic Film • Video Echo

Scene Transitions:
- Black Fader • Mosaic Fader • Shutter Wipe
- Slide Wipe • Corner Wipe • Door Wipe
- Window Wipe • Snapshot** • Playback Fine Still**

* 70 combinations for certain models.
** Not available for certain models.

<Easy VHS Playback>

Just pop the cassette into the **provided VHS Playpak** and play it **on your VHS VCR**.

- **Snapshot Mode** records a photo-like still image onto video, with a shutter sound effect.
- **Pro-cision 5-Head System including Flying Erase Head** provides excellent picture quality without sacrificing camcorder size, weight or battery time.
- **Instant Titles** with 8 preset titles in 4 selectable languages (English, Spanish, French, and Portuguese).
- **Animation & Timelapse** for professional style photographic techniques.

*SP mode only

GR-DVL920

Mini **DV** NTSC | Web Camera Function | **SD** MultiMediaCard | **USB** Terminal | MPEG-4 Video Clips | NightAlive

■ 3.5"

• MiniDV Format and PCM Digital Audio • 1/3.8-inch 1.02 Megapixel Wide CCD • 530 lines of resolution with Super High-Band Processor • Built-in Digital Still Camera with HG Digital Stills (1280x960/1024x768/640x480-pixel) • Web Camera Function • MPEG-4 Email Video Clips • NightAlive for full-spectrum low-light shooting • 700x Super Digital Zoom with Spline Interpolation • DV Input/Output (i.Link, IEEE 1394 compliant) • USB High-Speed PC Interface • SD Memory Card/MultiMediaCard Compatibility (16MB MultiMediaCard Provided) • High-Resolution Color Viewfinder • 3.5" Amorphous Silicon LCD Color Monitor • Provided Software Package (Digital Photo Navigator/ImageMixer) • Analog Input • Built-in Auto Light • 3-1/8" (W) x 3-9/16" (H) x 6-5/8" (D)

GR-DVL820/DVL725

Mini **DV** NTSC | **SD** MultiMediaCard | **USB** Terminal | NightAlive

GR-DVL820

■ 2.5"

■ 3.5"

GR-DVL725

• MiniDV Format and PCM Digital Audio • 1/3.8-inch 1.02 Megapixel Wide CCD • 530 lines of resolution with Super High-Band Processor • Built-in Digital Still Camera with HG Digital Stills (1280x960/1024x768/640x480-pixel) • NightAlive for full-spectrum low-light shooting • 700x Super Digital Zoom with Spline Interpolation • DV Input/Output (i.Link, IEEE 1394 compliant) • USB High-Speed PC Interface • SD Memory Card/MultiMediaCard Compatibility (8MB MultiMediaCard Provided) • 3.5" (DVL820)/2.5" (DVL725) Amorphous Silicon LCD Color Monitor • Provided Software Package (Digital Photo Navigator/Presto! Series) • Analog Input (DVL820) • Built-in Auto Light • 3-1/8" (W) x 3-9/16" (H) x 6-5/8" (D)

GR-DVL720/DVL520

Mini **DV** NTSC | **SD** MultiMediaCard | **USB** Terminal | NightAlive

■ 3.5" **GR-DVL720** ■ 2.5"

GR-DVL520

• MiniDV Format and PCM Digital Audio • 1/4-inch 680,000-Pixel CCD • 520 lines of resolution with Super High-Band Processor • Built-in Digital Still Camera with HG Digital Stills (1024x768*/640x480-pixel) • NightAlive for full-spectrum low-light shooting • 700x Super Digital Zoom with Spline Interpolation • DV Input/Output (i.Link, IEEE 1394 compliant) • USB High-Speed PC Interface • SD Memory Card/MultiMediaCard Compatibility (8MB MultiMediaCard Provided) • 3.5" (DVL720)/2.5" (DVL520) Amorphous Silicon LCD Color Monitor • Provided Software Package (Digital Photo Navigator/Presto! Series) • Built-in Auto Light • 3-1/8" (W) x 3-9/16" (H) x 6-5/8" (D)   * Resized Output

GR-DVL320/DVL120

Mini **DV** NTSC | NightAlive

■ 2.5" **GR-DVL320**

GR-DVL120

• MiniDV Format and PCM Digital Audio • 1/4-inch 680,000-Pixel CCD • 520 lines of resolution with Super High-Band Processor • Digital Photo Capture (with Digital Photo Navigator) • NightAlive for full-spectrum low-light shooting • 700x Super Digital Zoom with Spline Interpolation • DV Input/Output (i.Link, IEEE 1394 compliant) • Digital Still Output (RS-232C) (DVL320) • 2.5" Amorphous Silicon LCD Color Monitor • Provided Software Package (Digital Photo Navigator/Presto! Series) (DVL320) • Built-in Auto Light (DVL320) • 3-1/8" (W) x 3-9/16" (H) x 6-5/8" (D) (DVL320) • 3-5/16" (W) x 3-3/4" (H) x 8-13/16" (D) (DVL120)

Super VHS Camcorders

GR-SXM740

S-VHS-C | Super VHS ET | NightAlive

■ 3.5"

• Digital Photo Capture (with Digital Photo Navigator) • High Resolution Super VHS and Super VHS ET Recording • NightAlive for full-spectrum low-light shooting • Fine Still Playback • 110,000-Pixel 3.5" LCD Color Monitor [• Digital Picture Improvement Technology • Super High-Band Processor • Picture Stabilizer • Digital TBC (Time Base Corrector) • Digital CNR (Chroma Noise Reduction)] • 600x Digital Hyper Zoom • Snapshot Mode • Built-in Auto Light • Endurance Shooting • 118 Combinations of Digital Special Effects and Scene Transitions • Built-in Battery Charger • 7-7/8" (W) x 4-7/16" (H) x 4-11/16" (D)

GR-SXM340

S-VHS-C | Super VHS ET | NightAlive

■ 2.5"

• Digital Photo Capture (with Digital Photo Navigator) • High Resolution Super VHS and Super VHS ET Recording • NightAlive for full-spectrum low-light shooting • Fine Still Playback • 110,000-Pixel 2.5" LCD Color Monitor • Digital Picture Improvement Technology • Super High-Band Processor • Picture Stabilizer • Digital TBC (Time Base Corrector) • Digital CNR (Chroma Noise Reduction)] • 600x Digital Hyper Zoom • Snapshot Mode • Built-in Auto Light • Endurance Shooting • 118 Combinations of Digital Special Effects and Scene Transitions • Built-in Battery Charger • 7-7/8" (W) x 4-7/16" (H) x 4-11/16" (D)

Compact VHS Camcorder

GR-SXM240

S-VHS-C | Super VHS ET

■ 2.5"

• High Resolution Super VHS and Super VHS ET Recording • 110,000-Pixel 2.5" LCD Color Monitor • Digital Picture Improvement Technology [• Super High-Band Processor • Picture Stabilizer • Digital TBC (Time Base Corrector) • Digital CNR (Chroma Noise Reduction)] • 600x Digital Hyper Zoom • Built-in Auto Light • Endurance Shooting • 70 Combinations of Digital Special Effects and Scene Transitions • Built-in Battery Charger • 7-7/8" (W) x 4-7/16" (H) x 4-11/16" (D)

GR-AX970

VHS-C | Compact VHS | COLOR VIEWFINDER

• Digital Picture Improvement Technology [• Picture Stabilizer • Digital TBC (Time Base Corrector) • Digital CNR (Chroma Noise Reduction)] • High-Resolution Color Viewfinder • 600x Digital Hyper Zoom • Endurance Shooting • 70 Combinations of Digital Special Effects and Scene Transitions • Built-in Battery Charger • 7-7/8" (W) x 4-7/16" (H) x 4-9/16" (D)
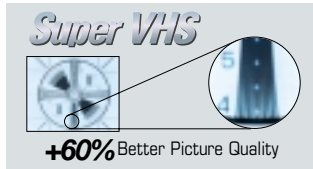
All LCD monitor pictures in this catalog are simulated.

GR-DV3000

Mini DV NTSC · Web Camera Function · SD · MultiMediaCard · USB Terminal · MPEG-4 Video Clips · NightAlive

3.5"

F1.2 Aspherical Lens · 1.33 MegaPixel CCD

- MiniDV Format and PCM Digital Audio
- F1.2 Aspherical Super Bright Lens for High-Quality Images • 1/3.6-inch 1.33 Megapixel CCD for Superb Image Quality • 540 Lines of Resolution with Super High-Band Processor • HG Digital Stills with 4 Selectable Image Size Settings (1600x1200*/ 1280x960/1024x768/640x480-pixel)
- Web Camera Function • MPEG-4 Email Video Clips
- MP3 Digital Sound Effects • Title Superimpose
- DV Navigation • NightAlive for full-spectrum low-light shooting • DV Input/Output (i.Link, IEEE1394 compliant) • USB High-Speed PC Interface
- SD Memory Card/MultiMediaCard Compatibility (8MB SD Memory Card Provided) • Analog Input
- 3.5" Polycrystalline-Silicon LCD Color Monitor
- Info-Shoe for exclusive accessory attachment
- SLR-type operation with Real-Touch Manual Focus Ring • Provided Software Package (Digital Photo Navigator/ImageMixer/DV Title Converter)
- 3" (W) x 3-9/16" (H) x 7-11/16" (D)

* Resized Output

DIGITAL CyberCam™
Digital Video Camera

GR-DVM96/DVM76

Mini DV NTSC · SD MultiMediaCard · USB Terminal · NightAlive

2.5"

GR-DVM96 Exclusive
Web Camera Function · MPEG-4 Video Clips

- 1/3.8-inch 1.02 Megapixel Wide CCD
- 530 Lines of Resolution with Super High-Band Processor • HG Digital Stills (1280x960/ 1024x768/640x480-pixel) • Web Camera Function • MPEG-4 Email Video Clips • MP3 Digital Sound Effects • Provided Software Package (Digital Photo Navigator/ImageMixer)

GR-DVM76

GR-DVM96

- MiniDV Format and PCM Digital Audio • 1/4-inch 680,000-Pixel CCD • 520 Lines of Resolution with Super High-Band Processor • HG Digital Stills (1024x768*/640x480-pixel) • NightAlive for full-spectrum low-light shooting • DV Input/Output Terminal (i.Link, IEEE 1394 compliant) • USB High-Speed PC Interface • SD Memory Card/MultiMediaCard Compatibility (8MB MultiMediaCard Provided) • 2.5" Amorphous Silicon LCD Color Monitor • 200x Super Digital Zoom with Spline Interpolation • Auto Flash • Provided Software Package (Digital Photo Navigator/Presto! Series**) • 3-13/16" (W) x 4-1/2" (H) x 2-1/8" (D)

* Resized output on GR-DVM76   ** For GR-DVM76

GR-DVP7

Mini DV NTSC · Web Camera Function · SD · MultiMediaCard · USB Terminal · MPEG-4 Video Clips · NightAlive

2"

- MiniDV Format and PCM Digital Audio • 1/3.8-inch 1.02 Megapixel Wide CCD
- 530 Lines of Resolution with Super High-Band Processor • HG Digital Stills (1280x960/1024x768/640x480-pixel) • Web Camera Function • MPEG-4 Email Video Clips • MP3 Digital Sound Effects • DV Navigation • NightAlive for full-spectrum low-light shooting • DV Input/Output (i.Link, IEEE1394 compliant)
- USB High-Speed PC Interface • SD Memory Card/MultiMediaCard Compatibility (8MB SD Memory Card Provided) • 2" Polycrystalline-Silicon LCD Color Monitor
- 200x Super Digital Zoom with Spline Interpolation • Provided Software Package (Digital Photo Navigator/ImageMixer) • 1-3/4" (W) x 4-9/16" (H) x 3-3/16" (D)

OPTIONAL ACCESSORIES

Power Supply
AA-V15U Multi AC Charger/Adapter
BN-V12U/V20U/V22U/V25U Battery Pack
AP-V7U Car Battery Cord
AP-V8U Car Battery Cord (Also usable for CyberCam)
BN-V840 High Capacity Battery Pack
BN-V428U High Capacity Battery Pack
VU-BT20K1/VU-BT20K3 Battery Kit (BN-V20 + Compact VHS Cassettes)
BH-V1 Car Battery Inverter
VU-V856KIT High Capacity Battery Kit (BN-V856U + AA-V80U + Waist Pouch)
VU-V840KIT High Capacity Battery Kit (BN-V840U + AA-V15U + Waist Pouch)

Shooting
GL-V10U Conversion Lens Kit

Playback
C-P6BK VHS Playpak
VC-S110HG/S120HG/S130HG/S150HG/S1100HG High Quality S-VIDEO Cable

Convenience & Creativity
JX-S777 A/V Selector
JX-S555 A/V Selector
JX-S111 A/V Selector
JX-S100 A/V Selector
RM-V700U Multi-Brand Remote Control
CU-V418 Shoe Adapter

Communication
L-KIT1 Video Letter Kit (VHS Playpak, Compact VHS Cassette, "AA" Battery, Envelope, Bubble Wrap)

High Quality Cassettes
ST-210XGB/ST-120XGB Super VHS Cassette
ST-120SVA Super VHS Cassette
T-120PROB VHS Cassette
T-160EHGHFB/T-120EHGHFB VHS Cassette
T-160SXB/T-120SXB VHS Cassette
ST-C40XGB/ST-C30XGB Compact Super VHS Cassette
TC-30PROB Compact VHS Cassette
TC-40EHGB/TC-30EHGB Compact VHS Cassette
TC-20SXB Compact VHS Cassette
TC-30PROBH2/TC-30EHGBH2/TC-20SXBH2 2 pack with Hang Tab
TC-30EHGB3P/TC-30EHGBB3 Multi-Pack
TCC-2UX/TCC-3FU VHS-C Cleaning Cassette

DVC Cassettes
M-DV30ME/DV60ME/DV80ME Mini DVC Cassette
MDV602HT/MDV603HT/MDV802HT Mini DVC Cassette with Hang Tab
MDV60KL3P/MDV60KL6P Color Mini DVC Cassette with Hang Tab
M-DV12CL Mini DVC Cleaning Cassette

Interfacing
VC-VDV206/VDV204 DV Cable (4 pin-6 pin/4 pin-4 pin)
CU-MMC08/16 MultiMediaCard (8 MB/16 MB)
CU-SD016U/ASD032U/ASD064U SD Memory Card
CU-VPSD60 PC Card Adapter
CU-VFSD50 Floppy Disk Adapter
CU-VUSD70 USB Reader/Writer
HC-CW1F Multi Reader/Writer

CyberCam Accessories		GR-DV3000	GR-DVP7	GR-DVM96	GR-DVM76	GR-DVL920	GR-DVL820	GR-DVL725	GR-DVL720	GR-DVL520	GR-DVL320	GR-DVL120
Wide Conversion Lens	GL-V0752	●										
	GL-V0637							●	●	●	●	●
	GL-AW37			●	●	●	●				●	●
Tele Conversion Lens	GL-V1452	●										
	GL-AT37			●	●	●	●	●	●	●	●	●
Stereo Zoom Microphone	MZ-V3	●	●									
Video Flash	VL-F3	●	●									
Auto Light	VL-V3	●	●									
High Capacity Battery Pack	BN-V428	●				●	●	●	●	●	●	●
	BN-V114		●									
	BN-V514			●	●							
High Capacity Battery Kit	VU-V840 KIT	●	●									
	VU-V856 KIT	●	●									
High Capacity Battery Kit (with VC-VBN856 Connection Cable)	VU-V840KBC			●	●	●	●	●	●	●	●	●
	VU-V956KBC			●	●	●	●	●	●	●	●	●
Snow & Rain Jacket	CB-A260	●										
	CB-A270							●	●	●	●	●
	CB-A930			●	●							
Outdoor Pack	CB-A940		●									
Lens Adapter	GL-V37MC							●	●	●	●	●
Filter Kit	GL-V027FK			●	●							
Soft Camera Case	CB-V747			●	●							
System Case	CB-V752	●		●	●	●	●	●	●	●	●	●
Leather Pouch	CB-V748			●	●							
System Carrying Bag	CB-V77	●	●	●	●	●	●	●	●	●	●	●
	CB-A99											
Marine Case	WR-DV22	●				●	●	●	●	●		
	WR-DV96			●	●							
	WR-DVP7		●									
Shoe Adapter	CU-V418		●	●								
Cleaning Kit	VU-VCKIT1D	●		●	●	●	●	●	●	●	●	●
Lens Kit	LN-KIT1D			●	●							
Starter Kit	VU-A222KIT					●	●	●	●	●		●
	VU-A333KIT			●	●							
	VU-A557KIT		●									

High Resolution Super VHS with DigiPure Technology

Super VHS
+60% Better Picture Quality

To maximize Super VHS's over 400 lines of horizontal resolution, JVC's DigiPure Technology improves picture quality, including a **digital frame memory** to make the following 3-D technologies possible:

- **Digital Wide TBC (Time Base Corrector)** digitally removes jitter from fluctuating video signals to boost stability.
- **Precision 3-D Color Circuit** for clear color separation without color bleeding.
- **Digital 3-D YNR/CNR** removes fine dust-like noise (YNR) and uneven color noise (CNR).
- **Precise Digital 3-D Y/C Separation** reduces dot interference at image borders and improves the S/N ratio.
- **Digital R³** applies edge correction to the luminance signal to enhance detail.

Super VHS ET
(Expansion Technology)*
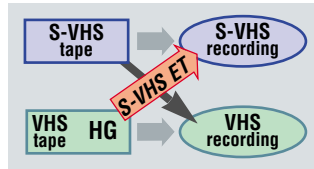
Lets you record high-resolution **Super VHS signals** on the more widely available **VHS tapes** (high grade recommended), thus delivering an over-60% boost in horizontal resolution at the touch of a button.

*Depending on tape quality some noise may appear when viewing EP recordings.

Special Effects Playback with 4MB Frame Memory

- **1.5x Playback** lets you speed up your viewing to reduce a 1-hour program to 40 minutes with a noiseless picture. (Audio is not played back.)
- **Smooth Slow Motion** lets you take a closer, distortionless look at those close calls and great plays.

Video Navigation System

Information on the programs you record is stored in **VCR's internal memory** – about **2000 titles!** So, to watch something you've recorded, just browse through the program lists – these can be listed by the **tape number** assigned to each cassette, **date** of recording, or program **category** (like movies, sports, news, etc.).

Easy Programming Options

Three programming functions to simplify timer recording.

- **VCR Plus+** for instant timer programming just by inputting a PlusCode™ number. You won't have to go through a lengthy set-up process either, since VCR Plus+ Guide Channels are set "on-the-fly" while you program.*
- **Express Programming** for easy manual timer setting just by following a single row of buttons on the remote.
- **24-Hr. Quick Programming** for simple timer setting of a program within 24 hours by push-and-turning the Advanced Jog dial.

Either way you go, you get worry-free timer recording because the **Permanent Program** function keeps programmed timer information **in the deck's memory** even if power is interrupted. **You won't have to re-program the timer after a power outage!**

*For some models, send in a coupon to get a free infrared cable box controller for timer-recording of cable programs.

Advanced Jog Dial on VCR

Everything from **frame-by-frame** playback to **variable-speed search and slow motion**, **pause** are precisely controllable by push-and-turning operation of the Jog Dial right on the front of the VCR. And 24-Hr. Quick Programming function offers simple timer setting.

Plug & Play

Simply hook up the antenna and **plug in the VCR!** You get…

- **Auto Clock Setting**, including current time and date, as well as biannual **Auto Daylight Saving Time** adjustments.
- **Auto Tuner Setting** to lock-in all receivable channels in your area.

With JVC, getting your VCR up and running is as easy as **Plug & Play!**

SQPB (S-VHS Quasi Playback)

Allows VHS VCR to **play back a tape recorded in Super VHS**, with regular VHS resolution. It is a convenient way to watch tapes recorded using an S-VHS deck or camcorder.*

*This function does not deliver Super VHS resolution.

And Much More…

- **Hi-Fi VHS Stereo with MTS Decoder** for maximum sound impact and recording of stereo/SAP TV broadcasts.
- **Active Video Calibration** automatically calibrates tape quality and measures video head condition to optimize long-term picture performance.
- **Picture Control** lets you choose from 4 different settings to best match the material you are viewing (AUTO, EDIT, SOFT, SHARP).
- **Pro-cision 19µ Heads** reduce crosstalk and improve EP playback picture.
- **Insert Editing with Flying Erase Head** replaces the original picture without affecting the sound, with glitch-free transition points between recordings.
- **Audio Dubbing** enables you to dub your own soundtrack over the original sound (monaural linear track) while leaving the picture as it is.

- **Multi-Brand TV/Cable/DBS Compatible Remote with Glow Keys** lets you control your VCR, TV, cable box or satellite (DIRECTV and DISH Network™) receiver using a single hand unit*, even in darkened rooms with its glow-in-the-dark buttons.
- **Shuttle Plus** for control of variable high-speed playback, slow motion, frame advance and on-screen menu operation with a touch-pad on the remote.
- **Auto SP → EP Timer Recording** automatically switches from SP to EP to fit the entire program on the tape.
- **Rec Link** enables the VCR to automatically turn on and record a program when a connected satellite receiver or cable box turns on**.
- **Child Lock** lets parents disable VCR operation while they're away.

*For compatible brands please consult your JVC dealer.
**External unit must be equipped with timer.

192kHz/24-bit P.E.M. D.D. Converter

DVD Audio offers a 192kHz/24-bit format for the highest fidelity consumers have ever experienced. For perfect compatibility with the new format's high specs, the XV-FA900BK/902SL and XV-SA600BK/602SL come with a 192kHz/24-bit P.E.M. D.D. audio converter, an 8-times oversampling digital filter and an exclusive 4th-order noise sharper to effectively shift noise from the audio range.

Digital Direct Progressive Scan Output

Direct conversion of NTSC DVD's 24 fps (frames per second) into double-density progressive 60 fps allows natural and smooth images with less noise and higher resolution. No Frame Blending occurs for blur-free images.
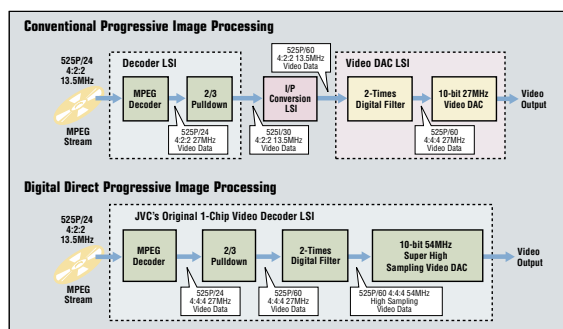
DVD Audio is the Global Standard

DVD Audio is the global standard created in conjunction with the ISC (International Steering Committee), three international record industry associations (RIAA, RIAJ and IFPI), five major international home entertainment software makers, and hardware and software makers in the world.

Superior advantages include:

1. Specifications that far exceed those of Audio CD: The highest-quality stereo sound reproduction with a dynamic range of 144dB using a high 192kHz sampling frequency and a high 24-bit rate.

2. Realistic multi-channel sound: Six channels of sound sampled at 96kHz and quantized with 24 bits for totally discrete multi-channel digital sound.

3. Versatile interactive options: Moving pictures, browsable information, more.

High-bit (10-bit)/Super High Sampling (54MHz) Video D/A Converter

Additional bits and a super high sampling frequency ensure detailed high-quality images and clear, pure colors when you view DVD movies.

Versatile VFP
(Video Fine Processor)

With seven parameters to adjust (gamma curve, brightness, contrast, color, tint, sharpness and Y delay), the processor gives you the exceptional versatility to control images, according to your personal preferences.

Innovative 7-disc Carousel Changer

The XV-FA900BK/902SL is a compact, space-saving 7-disc carousel changer no larger than a typical 5-disc player.

You can conveniently play a mix of seven DVDs, CDs, CD-Rs, CD-RWs, VCDs and MP3/JPEG files on CD-R/RW. What's more, the Play & Exchange feature lets you change six discs while the seventh is played, and enjoy continuous, non-stop entertainment.

3D-PHONIC for Virtual Surround Sound

Enjoy 3-dimensional theater sound from just two speakers up front. JVC 3D-PHONIC is ready for Dolby Digital as well as Dolby Pro Logic.

Note: Some CD-R, CD-RW (Linear PCM/MP3/JPEG/SVCD/VCD) discs, as well as some DVD-R discs, may not be played properly depending on their condition.

HR-*S9911*

S VHS **Super VHS ET** **Hi-Fi STEREO** **VCR Plus+ Easy Taping.**

- High Resolution Super VHS • Super VHS ET Recording • DigiPure Technology with 4MB Frame Memory [• Digital Wide TBC
- Precision 3-D Color Circuit • Digital 3-D YNR/CNR • Precise Digital 3-D Y/C Separation • Digital R³ Picture System] • Special Effects Playback with
4MB Frame Memory [• 1.5x Playback • Smooth Slow Motion] • Video Navigation • Hi-Fi VHS Stereo with MTS Decoder • VCR Plus+ with
Cable Box Control • Insert Editing with Flying Erase Head and Audio Dubbing • Advanced Jog Dial on VCR • Plug & Play • Active Video
Calibration • Picture Control • Multi-Brand TV/Cable/DBS Compatible Remote • J-Terminal for use in a computer controlled system
• 17-3/16" (W) x 4-3/16" (H) x 13-9/16" (D)

Quality & Economy
Super VHS ET
High Quality **Compatibility**
Super VHS VHS
S-VHS QUALITY ON VHS TAPE

HR-*S5911/S5901*

S VHS **Super VHS ET** **Hi-Fi STEREO** **VCR Plus+ Easy Taping.**

▽ HR-S5911

▽ HR-S5901

- High Resolution Super VHS • Super VHS ET
Recording • Hi-Fi VHS Stereo with MTS Decoder
• VCR Plus+ (Cable Box Controller ready)
• Insert Editing with Flying Erase Head and Audio
Dubbing • Advanced Jog Dial on VCR
• Plug & Play • Active Video Calibration
• Picture Control • Multi-Brand TV/Cable/DBS
Compatible Remote with Glow-Keys • Child Lock
• AV Compu Link • 17-3/16" (W) x 3-3/4" (H) x
9-3/4" (D)

HR-*S3911/S3901*

S VHS **Super VHS ET** **Hi-Fi STEREO** **VCR Plus+ Easy Taping.**

▽ HR-S3911

▽ HR-S3901

- High Resolution Super VHS • Super VHS ET Recording • Hi-Fi VHS Stereo with MTS Decoder
- VCR Plus+ (Cable Box Controller ready) • Advanced Jog Dial on VCR • Plug & Play • Active Video Calibration
- Picture Control • Multi-Brand TV/Cable/DBS Compatible Remote • Shuttle Plus • Express Programming
- Auto SP→EP Timer Recording • 17-3/16" (W) x 3-3/4" (H) x 9-3/4" (D)

HR-*S2901*

S VHS **Super VHS ET** **Hi-Fi STEREO**

- High Resolution Super VHS • Super VHS ET Recording • Hi-Fi VHS Stereo
with MTS Decoder • Plug & Play • Active Video Calibration
- Picture Control • Full-Function Remote Control • Shuttle Plus
- Express Programming • Auto SP→EP Timer Recording • 17-3/16" (W) x
3-3/4" (H) x 9-3/4" (D)

HR-*J691*

VHS **Hi-Fi STEREO** **SQPB**

- Hi-Fi VHS Stereo with MTS Decoder • Plug & Play
- SQPB (S-VHS Quasi Playback) • Picture Control
- Full-Function Remote Control • Shuttle Plus • Express
Programming • Auto SP→EP Timer Recording • Pro-cision
19μ Heads • 17-3/16" (W) x 3-3/4" (H) x 9-3/4" (D)

HR-*A591*

VHS **Hi-Fi STEREO** **SQPB**

- Hi-Fi VHS Stereo with MTS Decoder • SQPB (S-VHS Quasi
Playback) • Auto Tuner Pre-set • Full-Function Remote
Control • Pro-cision 19μ Heads • 14-3/16" (W) x
3-3/16" (H) x 8-13/16" (D)

HR-*FS1*

VHS **Hi-Fi STEREO** **VCR Plus+** **SQPB**

- Hi-Fi VHS Stereo with MTS
Decoder • VCR Plus+ Instant
Timer Programming • Plug & Play
- SQPB (S-VHS Quasi Playback)
- Picture Control • Multi-Brand
TV/Cable/DBS Compatible Remote
with Glow-Keys • Shuttle Plus
- Express Programming
- Auto SP→EP Timer Recording
- Pro-cision 19μ Heads
- Color LCD Mode Indicator
- 3-15/16" (W) x 10-7/8" (H) x 10-7/8" (D)

HM-*DH30000*

D VHS **DOLBY DIGITAL** **Component Video Out** **S VHS** **Super VHS ET** **Hi-Fi STEREO** **VCR Plus+ Easy Taping.**

HDVideo **D THEATER™**

FULL SPEC HDTV COMPATIBLE

- 4-Hr. HDTV Digital Bitstream Recording/Playback with HS Mode
- Built-in MPEG2 HD Decoder compatible with "D-Theater" HD software
- Digital Broadcast Recording ready including HDTV* and SDTV*
- MPEG2 CODEC (encoding/decoding) for Digital Recording of analog sources
[• 8-Hr.Digital Recording in STD Mode • 24-Hr. Digital Recording in LS3 Mode
- Frame Synchronizer improves digital dubbing quality for analog input sources]
- 5.1 ch Dolby Digital (AC3) Optical Output • DV Input (i.Link, IEEE 1394) for
direct dubbing from DV footage • High Resolution Super VHS [• DigiPure
Technology including Digital Wide TBC and 4 MB Frame Memory • Super VHS ET Recording]
- VHS Compatibility • 17-15/16" (W) x 4-3/16" (H) x 13-5/8" (D)

* Requires Set Top Box with IEEE1394 connection.
** Recording time shown here is based on using DF480 cassette.

HR-DVS3
Mini DV NTSC · S-VHS · Super VHS ET · Hi-Fi STEREO · VCR Plus+ Easy Taping.

HM-HDS1
S-VHS · Super VHS ET · Hi-Fi STEREO · VCR Plus+ Easy Taping.

- Hard Disk Recorder with 40 GB Capacity [• SP Mode (6.4 Mbps): approx. 12 hrs. • LP Mode (4.5 Mbps): approx. 20 hrs. • EP Mode (3.2 Mbps): approx. 30 hrs. • SEP Mode (2.2 Mbps): approx. 40 hrs.] • High Resolution Super VHS [• DigiPure Technology including Digital Wide TBC and 4 MB Frame Memory • Super VHS ET Recording] • Non-Linear Random Assemble Editing (HDD→S-VHS/VHS) • "Live Memory" for controlled viewing of live TV (HDD) • Simultaneous Recording and Playback (HDD) • 1.5x Speed Playback with Sound (HDD) • Program Dubbing for easy transfer and archiving (HDD→S-VHS/VHS) • Index Picture Navigation (HDD & S-VHS/VHS) • 17-3/16" (W) x 4-15/16" (H) x 15-3/16" (D)

- MiniDV Digital Format with PCM Digital Audio • High Resolution Super VHS [• DigiPure Technology including Digital Wide TBC and 2 MB Frame Memory • Super VHS ET Recording] • One-Touch Dubbing (DV↔S-VHS/VHS) • Easy PC Connectivity with DV Input/Output Terminal • 64-Segment Random Assemble Editing (DV→VHS) • DV Insert Editing and Audio Dubbing (32 kHz mode) • S-VHS/VHS Insert Editing with Flying Erase Head/Audio Dubbing • Advanced Jog Dial on VCR • Plug & Play • Hi-Fi VHS Stereo with MTS Decoder • Multi-Brand TV/Cable/DBS Compatible Remote with Jog/Shuttle. • 17-3/16" (W) x 4-3/16" (H) x 15" (D)

HR-XVC1
DVD VIDEO · VHS · DOLBY DIGITAL · dts DIGITAL OUT · CD-R/RW PLAYBACK · MP3 PLAYBACK · Component Video Out · Hi-Fi STEREO

- DVD Video, CD Audio, CD-R, CD-RW, MP3 (CD-R/RW), Video CD Compatibility • Optical and Coaxial Digital Audio Outputs with Dolby Digital and DTS Compatibility • Spatializer® Virtual Surround • Component Video (DVD), S-Video (DVD) and RF Outputs (DVD/VHS) • High-bit/high-sampling (10-bit/27MHz) Video D/A Converter • 24-bit/96kHz Audio D/A Converter • Hi-Fi VHS Stereo with MTS Decoder • SQPB (S-VHS Quasi Playback) • Pro-cision 19μ Heads • 1-Month/8-Program Timer Recording • Auto Tracking • 16-15/16" (W) x 3-15/16" (H) x 12-1/4" (D)

xv-FA900BK/FA902SL
DVD AUDIO/VIDEO · 7-DVD PLAY & EXCHANGE · Digital Direct Progressive Scan · DOLBY DIGITAL · dts SURROUND · CD-R/RW PLAYBACK · MP3 PLAYBACK · Component Video Out

∇ XV-FA900BK

∇ XV-FA902SL

- 1-bit P.E.M. D.D. Audio Converter compatible with 192kHz/24-bit and 96kHz/24-bit DVD Audio • Innovative 7-disc Carousel Changer with Play & Exchange • Digital Direct Progressive Scan Output • Compatible with DVD Audio, DVD Video, DVD-R*, CD, SVCD/VCD, CD-R/RW, MP3 Formats and Digital Stills (JPEG on CD-R/RW) • High-bit (10-bit)/Super High Sampling (54MHz) Video D/A Converter • High-Resolution GUI • Easy screen control: 13-step high-quality ZOOM, DIGEST, STROBE and ANGLE LIST functions • Built-in Dolby Digital/DTS Multi-channel decoders • Versatile VFP (Video Fine Processor) • 30-disc RESUME function • 17-3/16" (W) x 4-1/16" (H) x 17-11/16" (D)

xv-SA600BK/SA602SL
DVD AUDIO/VIDEO · Digital Direct Progressive Scan · DOLBY DIGITAL · dts SURROUND · CD-R/RW PLAYBACK · MP3 PLAYBACK · Component Video Out

∇ XV-SA600BK

∇ XV-SA602SL

- 1-bit P.E.M. D.D. Audio Converter compatible with 192kHz/24-bit and 96kHz/24-bit DVD Audio • Digital Direct Progressive Scan Output • Compatible with DVD Audio, DVD Video, DVD-R*, CD, SVCD/VCD, CD-R/RW, MP3 Formats and Digital Stills (JPEG on CD-R/RW) • High-bit (10-bit)/Super High Sampling (54MHz) Video D/A Converter • High-Resolution GUI • Easy screen control: 13-step high-quality ZOOM, DIGEST, STROBE and ANGLE LIST functions • Built-in Dolby Digital/DTS Multi-channel decoders • Versatile VFP (Video Fine Processor) • 30-disc RESUME function • 17-3/16" (W) x 2-7/8" (H) x 10-9/16" (D)

xv-S500BK/S502SL
DVD VIDEO · Digital Direct Progressive Scan · DOLBY DIGITAL · dts SURROUND · CD-R/RW PLAYBACK · MP3 PLAYBACK · Component Video Out

∇ XV-S500BK

∇ XV-S502SL

- Digital Direct Progressive Scan Output • High-bit (10-bit)/Super High Sampling (54MHz) Video D/A Converter • Plays DVD Video, DVD-R*, CD, SVCD, VCD, CD-R/RW, MP3 and Digital Stills (JPEG on CD-R/RW) • Versatile VFP (Video Fine Processor) • 1-bit P.E.M. D.D. Converter with 192kHz/24-bit audio resolution • High-Resolution GUI • Easy screen control: 13-step high-quality ZOOM, DIGEST, STROBE and ANGLE LIST functions • Optical and Coaxial Digital Outputs for PCM, Dolby Digital and DTS • One-Touch Replay • 30-disc RESUME function • 17-3/16" (W) x 2-11/16" (H) x 10-9/16" (D)

xv-S400BK/S402SL
DVD VIDEO · DOLBY DIGITAL · dts SURROUND · CD-R/RW PLAYBACK · MP3 PLAYBACK · Component Video Out

∇ XV-S400BK

∇ XV-S402SL

- High-bit/High Sampling (10-bit/27MHz) Video D/A Converter • 1-bit P.E.M. D.D. Converter with 192kHz/24-bit audio resolution • Plays DVD Video, CD, CD-R/RW, SVCD, VCD and MP3 • Component Video, S-Video and Composite Video Outputs • 3-D PHONIC • Easy screen control: ZOOM, DIGEST, STROBE and ANGLE LIST functions • Optical and Coaxial Digital Output for PCM, Dolby Digital and DTS • AV COMPU LINK • Stylish Slim Design — only 2-11/16" (68mm) high • 17-3/16" (W) x 2-11/16" (H) x 10-9/16" (D)

xv-S300BK/S302SL
DVD VIDEO · DOLBY DIGITAL · dts SURROUND · CD-R/RW PLAYBACK · MP3 PLAYBACK · Component Video Out

∇ XV-S300BK

∇ XV-S302SL

- High-bit/High Sampling (10-bit/27MHz) Video D/A Converter • 1-bit P.E.M. D.D. Converter with 96kHz/24-bit audio resolution • Plays DVD Video, CD, CD-R/RW, SVCD, VCD and MP3 • Component Video, S-Video and Composite Video Outputs • 3-D PHONIC • Easy screen control: ZOOM, DIGEST, STROBE and ANGLE LIST functions • Coaxial Digital Output for PCM, Dolby Digital and DTS • Stylish Slim Design — only 2-11/16" (68mm) high • 17-3/16" (W) x 2-11/16" (H) x 10-9/16" (D)

* DVD-R discs recorded with the DVD VIDEO format can be played back. Though some may not be played back because of the disc characteristics or recording condition.

Feature Checklists

Camcorder

Camcorder	GR-DV3000	GR-DVP7	GR-DVM96	GR-DVM76	GR-DVL920	GR-DVL820	GR-DVL725	GR-DVL720	GR-DVL520	GR-DVL320	GR-DVL120	GR-SXM740	GR-SXM340	GR-SXM240	GR-AX970
Format	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV	DV	Super VHS	Super VHS	Super VHS	VHS
★ No. of Pixels in CCD	1330K	1020K	1020K	680K	1020K	1020K	1020K	680K	680K	680K	680K	270K	270K	270K	270K
★ Optical Zoom Ratio	10:1	10:1	10:1	10:1	10:1	10:1	10:1	10:1	10:1	10:1	16:1	16:1	16:1	16:1	16:1
★ Digital Hyper Zoom	300:1/40:1	200:1/40:1	200:1/40:1	200:1/40:1	700:1/40:1	700:1/40:1	700:1/40:1	700:1/40:1	700:1/40:1	700:1/40:1	700:1/40:1	600:1/50:1	600:1/50:1	600:1/50:1	600:1/50:1
Max. Shutter Speed (sec.)	1/4000	1/4000	1/4000	1/4000	1/4000	1/4000	1/4000	1/4000	1/4000	1/4000	1/4000	1/2000	1/2000	1/2000	1/2000
★ Super High-Band Processor	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
★ HG Digital Still	●	●	●	●	●	●	●	●	●	●	●				
★ Digital Photo Capture										●a			●a	●a	
★ SD Memory Card/ MultiMediaCard Compatibility	●	●	●	●	●	●	●	●	●						
★ Web Camera Function	●	●	●		●										
★ MP3 Digital Sound Effects	●	●	●												
★ MPEG-4 Email Video Clip	●	●	●												
★ NightAlive	●	●	●		●	●	●	●	●	●	●	●	●		
★ USB Terminal	●	●	●	●	●	●	●	●	●						
Analog Input	●				●	●									
★ DV In/Out Terminal	●	●	●	●	●	●	●	●	●	●	●				
PC Terminal (RS-232C)										●		●	●		
Built-in Auto Light					●	●	●	●	●	●		●	●	●	
Built-in Flash			●	●											
Info Shoe	●	●													
★ Digital Effects Playback	●	●	●	●	●	●	●	●	●	●	●	●	●		
Random Assemble Editing	●b	●b	●b	●b	●b	●b	●b/c	●b	●b/c	●b/c					
★ Color Viewfinder	●	●			●										●
★ LCD Swing Monitor	●d	●d	●	●	●	●	●	●	●	●	●	●	●	●	●
★ Picture Stabilizer	●		●	●	●	●	●	●	●	●	●	●	●	●	●
★ Digital TBC and CNR												●	●	●	●
★ Snapshot Mode	●	●	●	●	●	●	●	●	●	●	●	●	●		
★ Digital Special Effects	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
★ Digital Wipes/Fades	●	●	●	●	●	●	●	●	●	●	●	●e/f	●e/f	●e/f	●e/f
★ Built-in Battery Charger			●	●	●	●	●	●	●	●	●	●	●	●	●
★ Animation/Timelapse	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/–	●/●	●/●	●/●	●/●
Super LoLux												●	●	●	●
Audio Dubbing/Insert Editing	●	●	●	●	●	●	●	●	●	●	●c				
Provided Remote Control	●g	●g	●g	●g	●g	●g	●	●g	●	●					

● = Yes (a) With Digital Photo Navigator; (b) With digital effect/scene transition selection; (c) Using optional Multi Brand Remote; (d) Polycrystalline Silicon TFT active matrix monitor; (e) Wipe by black screen only; (f) Black and Mosaic Fader only; (g) Multi Brand Remote

VCR

VCR	HR-S9911	HR-S5911	HR-S5901	HR-S3911	HR-S3901	HR-S2901	HR-J691	HR-A591	HR-FS1	HM-HDS1		HR-DVS3
Format	S-VHS	S-VHS	S-VHS	S-VHS	S-VHS	S-VHS	VHS	VHS	VHS	MPEG 2	S-VHS	Mini DV / S-VHS
Head Configuration	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi	DA-4 + HiFi		DA-4 + HiFi	DV2 / DA-4 + HiFi
★ Hi-Fi Stereo/MTS Decoder	●	●	●	●	●	●	●	●	●		●	PCM Digital
★ Super VHS/Super VHS ET	●	●	●	●	●	●					●	●
★ Special Effects Playback	●a											
★ Video Navigation	●											
Internal 40GB Hard Disk Drive										●		
Live Memory										●		
One-Touch Dubbing											Both ways	
Random Assemble Editing										HDD→ S-VHS/VHS		DV→VHS
★ VCR Plus+ with Cable Box Control	●	●b	●b	●b	●b				●c		●	●
★ Active Video Calibration	●	●	●	●	●	●					●	●
★ Plug & Play	●	●	●	●	●	●	●	d	●		●	●
★ Picture Control	●	●	●	●	●	●			●		●	●
★ Advanced Jog Dial on VCR	●e	●e	●e	●e	●e							
★ Auto SP→EP Timer Recording	●	●	●	●	●	●	●		●		●	●
★ Express Programming	●	●	●	●	●	●	●		●		●	●
★ Flying Erase Head/Insert Editing	●	●	●	●	●						●	●
★ Audio Dubbing	●	●	●	●	●						●	●
★ Shuttle Plus	●	●	●	●	●	●	●		●		●	●
★ Multi-Brand Remote												
TV/Cable Box/DBS Box	●	●	●	●	●	●	●	●	●		●	●
with Glow Keys		●	●	●	●				●			with Jog/Shuttle
Full-Function Remote							●	●	●			
★ SQPB							●	●	●			
★ Gold-Plated Front AV Inputs	●	Silver	Silver	Silver	Silver	Silver	Silver	Silver				●
★ Child Lock	●	●	●	●	●	●						
AV Compu Link	●											
Tape Position Indicator	●	●	●	●	●	●	●	●		●		●
1-Year/8-Event Timer	●	●	●	●	●	●	●	●f	●	●g		●
Slow Motion	●	●	●	●	●	●	●	●	●	●	●	●
Skip Search	●	●	●	●	●	●	●	●	●	●	●	●
Repeat Playback	●	●	●	●	●	●	●	●	●	●		●
Rec Link										●		
Surge Protection Circuitry	●											
J - Terminal	●											

● = Yes (a) 1.5x Playback and Smooth Slow Motion; (b) Cable Box Control Ready; (c) Without Cable Box Control; (d) Auto Tuner Pre-set; (e) With 24 Hr. Quick Programming function; (f) 1-Month/8-Event Timer; (g) 1-Year/16-Event Timer

DVD

DVD	XV-FA902SL/ 900BK	XV-SA602SL/ 600BK	XV-S502SL/ 500BK	XV-S402SL/ 400BK	XV-S302SL/ 300BK	HR-XVC1
MECHANISM/SERVO						
Type	7-Disc Carousel, Play & Exchange	Single	Single	Single	Single	Single
<Playable Formats>						
DVD-Audio	●	●				
DVD-Video	●	●	●	●	●	●
DVD-R	●	●	●	●	●	●
CD	●	●	●	●	●	●
SVCD/VCD	●	●	●	●	●	●(VCD)
CD-R/RW	●	●	●	●	●	●
MP3 (CD-R/RW)	●	●	●	●	●	●
JPEG (CD-R/RW)	●	●				
AUDIO						
Audio D/A Converter (P.E.M. D.D. Converter)	192kHz/ 24-bit	192kHz/ 24-bit	192kHz/ 24-bit	192kHz/ 24-bit	96kHz/ 24-bit	96kHz/ 24-bit
Dolby Digital/ DTS Decoder Built-in	●	●				
3-D PHONIC	●	●	●	●	●	
Spatializer						●
VIDEO						
Progressive Scan Output	●	●	●			
Video D/A Converter	10-bit/54MHz	10-bit/54MHz	10-bit/54MHz	10-bit/27MHz	10-bit/27MHz	10-bit/27MHz
VFP (Video Fine Processor): Number of Parameters	7	7	7			
THEATER Position: Number of Steps				3	3	
RESUME/DIGEST/STROBE/ ANGLE LIST	●	●	●	●	●	
ZOOM Play	●(13 Steps)	●(13 Steps)	●(13 Steps)	●	●	●
TERMINALS						
<Video Out>						
Component/S-Video/Composite	●(Gold)	●(Gold)	●	●	●	●
RF Output						●
<Audio Out>						
Front L/R	●(Gold)	●(Gold)	●	●	●	●
Center, Rear L/R, Subwoofer	●(Gold)	●(Gold)				
Optical Digital Out	●	●	●	●	●	●
AV Compu Link	●	●	●			
GENERAL						
<On-Screen Display>						
GUI (Graphical User Interface)	●	●	●	●	●	
On-Screen Language	Eng./Fre./Spa.	Eng./Fre./Spa.	Eng./Fre./Spa.	Eng./Fre./Spa.	Eng./Fre./Spa.	Eng./Fre./Spa.
Remote						
Multi-Brand	●	●	●	●	●	●
Glow	●	●	●	●	●	●

More information on features marked with "★" can be found inside this brochure.

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