Product View

■ Front Panel

■ Rear Panel

This rear panel photo is SR-HD2500US model.

Specifications

Recording Function		
HDD storage capacity		500GB
Video recording system		MPEG4 AVC/H.264, MPEG-2 TS, MPEG-2 PS, JPEG (Still)
Audio recording system		Dolby Digital, Linear PCM, MPEG1 Layer2
Direct recording from AUX to BD/DVD		HD-SDI, SD-SDI, HDV (iLink), DV (iLink), S-Video / Video (L1)
Importable data format (to HDD)		MOV*1, AVCHD, HDV, DV, JPEG, BDAV, BDMV, DVD-Video/VR, Everio backup disc
Recordable Media		
Blu-ray Disc		BD-R (SL/DL), BD-RE (SL/DL)*2
DVD		DVD-R (SL/DL), DVD-RW
SD Card (Still)		SDHC, SD
Playable Media		
Blu-ray Disc		BD-Video, BD-R (SL/DL), BD-RE (SL/DL)
DVD		DVD-Video, DVD-R (SL/DL), DVD-RW, DVD-RAM, DVD+R (SL/DL), +RW
CD		CD, CD-R, CD-RW
SD Card (Video*3/Still)		SDHC, SD
Recordable/Playable Disc Format		
Recordable disc format	BDAV	BD-R (SL/DL), BD-RE (SL/DL)*2
	BDMV (HDMV)	BD-R (SL/DL), BD-RE (SL/DL)*2
	DVD-Video	DVD-R (SL/DL)/-RW
	DVD-VR mode	DVD-R (SL/DL)/-RW
	JPEG	BD-RE, SDHC, SD
Playable disc format	BDAV	BD-R (SL/DL), BD-RE (SL/DL)*2
	BDMV (HDMV)	BD-R (SL/DL), BD-RE (SL/DL)*2
	DVD-Video	DVD-R (SL/DL)/-RW, +RW
	DVD-VR (CPRM enabled)	DVD-R (SL/DL)/-RW, DVD-RAM
	AVCHD	DVD-R (SL/DL)/-RW, DVD-RAM, SDHC, SD
	JPEG	BD-RE, SDHC, SD, Everio backup disc (DVD-R/-RW)
	CD-DA	Yes
	Everio back-up disc	Yes
Recording Mode		
MPEG-2 TS		DR
H.264 (MPEG-4 AVC)		AF, AN, AL, AE
MPEG-2 PS		XP, SP, LP, EP, FR

Input and Output*4		
Video input/output		Composite video input/output
Audio input/output		2Vrms (pin jack)
S-video input/output		Y: 1.0 Vp-p, 75 Ω; C: 0.286 Vp-p, 75 Ω (SR-HD2500US) / C: 0.3 Vp-p, 75 Ω (SR-HD2500EU)
IEEE1394 input		4-pin for DV, HDV IN
Remote input		3.5 mm diameter jack
Serial command		RC-232C (D-sub 9-pin)
Component video output		Y: 1.0 Vp-p, 75 Ω CB/CR, PB/PR: 0.7 Vp-p, 75 Ω
HDMI output		19-pin type A (Deep Color, x.v.Color, Ver.1.3a)
USB terminal		USB2.0
SDI	Input	1 (BNC)
	Output (shares DIRECT OUT/ MONITOR OUT)	1 (BNC)
Exclusive SDI through output (ACTIVE THROUGH)		1 (BNC)
SD memory card		SDHC, SD
Accessories		
Supplied accessories		AC power cord (US: x1; EU: x2) infrared remote control unit, "AA" battery x 2
General		
Power requirements		SR-HD2500US: AC 120 V, 60 Hz SR-HD2500EU: AC220V ~ 240V, 50/60Hz
Power consumption	Power on	42 W
	Stand-by	3W (SR-HD2500US) / 0.5W (SR-HD2500EU)
Temperature	Operating	41°F to 95°F (5°C to 35°C)
	Storage	-4°F to 140°F (-20°C to 60°C)
Operating position		Horizontal only
Dimensions (W x H x D)		17-1/10" x 2-6/8" x 13-13/16" (435 mm x 70 mm x 351 mm)
Weight		11.2 lbs (5.3 kg)

*1: From the GY-HM700 or GY-HM100 series camcorder using HQ mode (35Mbp/s) and SP mode (25Mbp/s and 19Mbp/s)
*2: Not compatible with Ver. 1.0 (23GB)
*3: Playability depends on the data format and conditions.
*4: Corresponds to copy protection.

Dubbed disc may not be in accordance with the official Blu-ray specifications depending on the conditions.

Recommended JVC camcorders

As the SR-HD2500 supports the .MOV (19Mbps, 25Mbps and 35Mbps) recording format, JVC recommends footage be recorded on the ProHD camcorder.

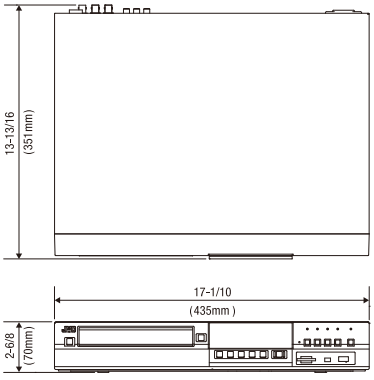
GY-HM790/750

Compact shoulder 3-CCD Camcorder with 14X Canon lens

GY-HM150

Compact Hand-held 3-CCD Camcorder

External Dimensions



Unit: inches (mm)

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Blu-ray Disc™ & 500GB HDD Recorder

SR-HD2500

Professional Blu-ray & HDD Combo Recorder Featuring HD-SDI I/O Interface and Direct Recording from a Source to a Disc.

Blu-ray Disc™ HDD HARD DISK DRIVE SD HC™

SR-HD2500 is a Blu-ray Disc™ Recorder packed with features that will make your job easier.

The SR-HD2500 offers comprehensive support of a wide variety of video camera formats. But that's just the beginning. Basic editing is available, as well as easy application of custom backgrounds and menus when burning a disc. And with the addition of an HD-SDI input/output terminal, it is now possible to burn content directly to Blu-ray Disc™ without having to first save to HDD. Whether the original source is analog (SD) or digital, in a broad range of signal formats, Blu-ray Disc™ creation is fast, direct, and simple.

Optimized for studio and professional applications

HD-SDI interface

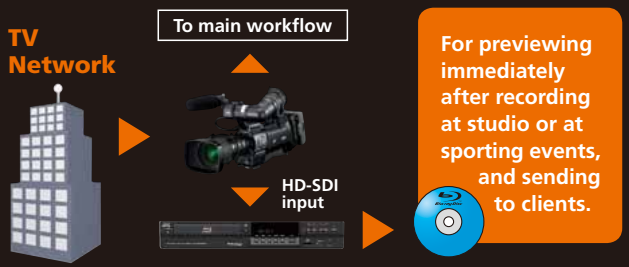
The SR-HD2500 is equipped with an HD-SDI input/output that interfaces not only SD (Based on SMPTE259) but also HD (Based on SMPTE292) stream. Since the HD-SDI terminal transfers signals at 1.5Gbps, it is possible to input HD signals directly at high speed for recording. You can connect the unit to an SDI system without using any converter or peripheral device.

Note: Recorded BD format via SDI input is BDAV only.

Time code

Time code information embedded in SDI signal can be displayed while recording (in EE signal) by selecting the time code mode. When the recording is burned to a disc, the selected time code can be displayed on the screen during playback.

Fits into a variety of workflows in a wide range of visual enterprises



Time stamp

Time/date information can be recorded and displayed on-screen even when there is no time code information embedded in SDI signal. Basic time/date information such as Apr.05.2012 12:34:56 (SR-HD2500US) or 05.04.2012 12:34:56 (SR-HD2500EU) is generated from the clock in the SR-HD2500 and recorded onto the screen as digital time stamp. This is especially convenient for surveillance, medical usage, academic research, and law enforcement applications.

Direct recording from various analog/digital inputs to BD/DVD

Regardless of whether SD or HD, signals can be burned directly to Blu-ray (or DVD) disc. Video/S-video, DV, HDV, SD-SDI, and HD-SDI input source signals are supported. This function will save time by making it unnecessary to store the content to HDD before burning to disc, and it helps avoid any issues of content being left unerased on HDD by mistake. This smart versatility will prove indispensable for content creators and production houses

Note: Direct recording after up-conversion is not possible.

Convenient interfaces

Interfaces such as USB, SDHC/SD slot and IEEE1394 (HDV/DV) are featured on the front of the unit to facilitate convenient connection to camcorders and HD cameras. SDHC/SD card slot is capable of direct playback of multiple file formats including AVCHD, and that of HD Everio camcorder (HD/SD MPEG-2).

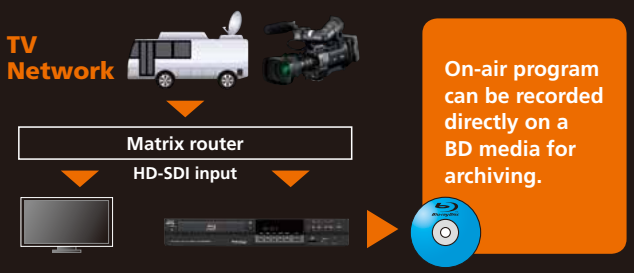
The following I/O connectors are on the back of the unit.

- **Inputs: SDI, S-Video, composite video, and analog audio.**
- **Outputs: SDI, SDI through, HDMI, component, S-Video, composite video, analog audio, and optical digital audio.**

Importing MOV files

MOV files (19Mbps, 25Mbps and 35Mbps) that are recorded using JVC ProHD camcorders such as the GY-HM700 series and GY-HM100 series can be imported into the SR-HD2500's HDD by converting them to a MPEG-2 TS video format, or dubbed onto discs*.

*Dubbed disc may not be in accordance with the official Blu-ray specifications depending on the conditions.



Flexible recording functions

Even without a PC, it is possible to copy video recordings directly onto a Blu-ray disc from an HD camcorder or down-convert video recordings and record them onto a DVD.

Share HD content #1: Edit and record footage from HD/SD camera to a disc via the HDD and share

Entire Disc Dubbing function

An entire Blu-ray or DVD disc can be dubbed* onto another blank disc, regardless of whether the content is HD or SD.

Share HD content #2: Dub HD/SD content onto another disc in high-speed and share

*Some restrictions may apply.

Supported disc recording/playback formats

Recordings of video and still images can be made on BD-RE, BD-R, DVD-R, and DVD-RW discs. For DVD discs, VR and Video recording formats are available. Unused discs and SD cards can be formatted on the deck. The SR-HD2500 plays titles stored on the HDD, videos on all of the aforementioned discs as well as commercially available BD-Video and DVD-Video titles* plus music CDs.

*Offering 1080/24p HDMI output

High-speed Dubbing function for prompt delivery to clients

The time it takes to dub HD content from the internal HDD onto a Blu-ray or DVD disc can be shortened significantly via the high-speed dubbing function that enables recording at a maximum speed of x32*. Make use of BD or DVD disc that supports high-speed recording.

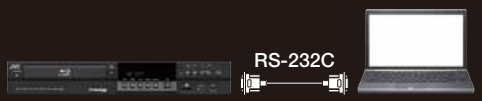
*Using a BD-R 4x disc recorded in AE mode.

Create menu-supported Blu-ray discs

Blu-ray discs can be created using the BDMV (with menu) format; BDAV discs can also be created and dubbed if necessary. The deck is compatible with dual-layer 50GB Blu-ray discs, and records up to 24 hours (AE mode) of full high-definition video on a single disc. Writing onto inexpensive LTH discs is also supported.

Equipped with external control RS-232C terminal

For usage in specialized PC controlled systems, the deck is equipped with an RS-232C terminal that enables external control via PC.



Simple yet convenient editing and dubbing of HD content

Edit functions

Simplified editing is possible without the use of a PC. Editing functions include creating a playlist*, editing a thumbnail or chapter, delete scenes*, divide* and more. Of course the names of disc, title or group name can be changed with ease.

*Content in HDD only

Playlist Edit on-screen display

User-friendly features to help get the job done

Create Repeat Playback discs

Disc authoring for professional applications, such as creating discs that repeat playback automatically or demonstration discs, can be performed.

Last Function Memory and Resume functions

Mode Lock and Disc Tray Lock functions

Status display

shows current settings and operating status of the unit.