

# JVC

Blu-ray Disc™ & HDD Recorder

## SR-HD2700

Blu-ray Disc™ and HDD Combo Recorder  
featuring HD-SDI and HDMI Interfaces



# Introducing the Blu-ray Disc & HDD recorder with wider compatibility with digital sources, complete with HDMI and SDI input/output.

The SR-HD2700 is equipped with HDMI input in addition to HD/SD-SDI, enabling direct recording to Blu-ray disc or DVD from a variety of sources including video cameras and visual equipment, easily and efficiently. What's more, the ability to record simultaneously\*<sup>1</sup> to optical disc and HDD will streamline your workflow and enhance reliable recording.

\*1: Simultaneous recording not possible with DVD-video and BDMV format discs.



## High Performance Archiving/Recording via Digital Interfaces

### HD-SDI and HDMI digital input/output



Digital input/output enables high quality HD archiving and recording with minimal loss. The SR-HD2700 is equipped with SDI terminals

widely used in the broadcasting and post-production industry, plus HDMI input and output which are common on a wide range of digital products to deliver broad connectivity and system flexibility.

### Direct-to-disc recording from live signals

The ability to record directly to disc in real-time improves efficiency by eliminating the process of recording to HDD and duplicating to disc. In addition, it enables downscaling and burning SD DVDs in real-time even when the input signal is HD.

### Simultaneous optical disc & HDD recording

Simultaneous video recording\*<sup>2</sup> to optical disc and HDD is possible. It enables more versatile use for backup or multipurpose.

\*2: Simultaneous recording not possible with DVD-video and BDMV format discs.



### Long recording capability – up to 24H continuous recording

Continuous recording is possible to a maximum 24 hours (BD)\*<sup>3</sup> or 8 hours (DVD), or even longer up to full disc or HDD capacity with a short 30 second intermission. This capability is helpful in surveillance and monitoring applications as well as for checking on-air video content.

\*3: Depending on the standard of the Blu-ray Disc being used, it may not be possible to record up to full capacity. When the maximum allowable recording time is reached, recording will stop momentarily and then resume as a separate file until the disc's capacity is reached.

### Overlay text character for personalization and added security

It is possible to overlay characters\*<sup>4</sup> onto the image when recording signals input from SDI or HDMI, providing a deterrent for unauthorized usage and distribution of your original content.

\*4: Alphanumeric characters and symbols are available.

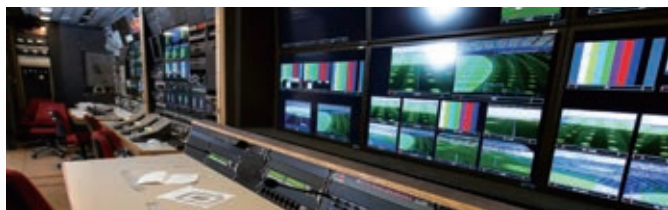


### Wide array of interfaces for flexible camera and video equipment connectivity

The front panel is equipped with SD/SDHC Card slot, i.LINK (HDV/DV IN) and USB terminals.

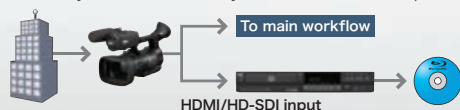
**Input:** HDMI, HD/SD-SDI, S-Video, Video, Audio (analog)  
**Output:** HDMI, HD/SD-SDI, HD/SD-SDI through, Component video, S-Video, Video, Audio (analog)

## Various applications and workflows for distributing video content



### TV stations/Studios

Footage can be previewed immediately after recording at a studio or sports venue and a disc can be provided to the client on location. On-air program can be continuously recorded directly to disc and HDD up to 24 hours.



### Production/Post Production

Edited video clip can be burned to BD or DVD with simple operation enabling you to create a check disc and dailies for clients and staff efficiently.



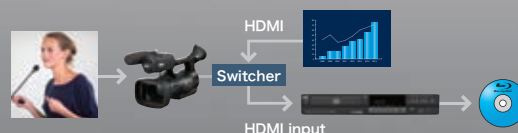
### Concerts & Events

Events such as concerts, sporting events, and weddings can be burned to disc in real time while simultaneously recording to the HDD. It enables both quick delivery of disc and backup recording.



### Educational Facilities

Lectures and seminars can be archived and provided to students. You can record directly from cameras and switchers with HDMI outputs.



## All-in-one Recording, Simple Editing & Duplicating

### Supports standard BD/DVD recording

BD-RE/BD-R, DVD-R and DVD-RW discs are supported for recording and playback. BD recording format support includes BDMV mode with menus\*5 in addition to BDAV mode. DVD recording format support includes VR and Video modes. For playback, commercially available Blu-ray and DVD videos as well as music CDs are supported in addition to all those mentioned above.

\*5: Menus are not supported when recording directly to disc in BDMV mode.

### Simple editing functions without using a PC



Conveniently edit videos residing on the HDD without using a PC. You can easily create playlists, edit chapters and thumbnails, delete or split scenes, as well as edit the names of discs, titles and groups.

### Flexible recording functions

Even without a PC, it is possible to copy HD video recordings directly onto a Blu-ray disc from an HD camcorder or down-convert them. In addition, direct-to-disc recording is also possible between HDD and disc. Content on HDD can be recorded to Blu-ray disc or down-converted to regular DVD with high picture quality.



### Entire multiple discs dubbing function

An entire Blu-ray or DVD can be dubbed\*6 to another blank disc, for distribution or various purposes.

\*6: Some restrictions may apply.

### RS-232C or LAN remote control and upload edited file from PC or Mac Computer

The SR-HD2700 is equipped with RS-232C and LAN terminals to enable remote operation with a computer. MOV and MXF files edited on an NLE system can be uploaded via LAN to SR-HD2700 for Blu-ray disc creation.

### Other functions

- Max. 64X high-speed dubbing from internal HDD (1TB) to BD/DVD
- Creation of auto repeat playback discs
- Last function memory for duplication
- HDMI connectable to non-HDCP equipment

### Recording times by mode

Rec mode	Picture quality	BD (SL)	BD (DL)	DVD (SL)	DVD (DL)	HDD (1TB)
DR	HD	1.9 <sup>*7</sup>	3.8 <sup>*7</sup>	—	—	80 <sup>*7</sup>
AF		4	8	—	—	160
AN		6	12	—	—	252
AL		9	18	—	—	378
AE		12	24	—	—	504
XP	SD	5.25	10.5	1	1.7	220
SP		10.5	21	2	3.5	444
LP		21	42	4	7.1	884
EP		42	84	8	14.3	1774
DR1	HD	1.8	3.6	—	—	76
DR2		2	4	—	—	84
DR3		2.9	6	—	—	124
DR4		3.9	7.8	—	—	164

\*7: Reference figure for importation of HDV.



Product view

■ Front Panel

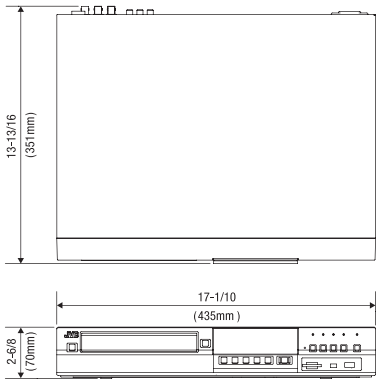


■ Rear Panel



SR-HD2700U/E model rear panel photo shown.

External dimensions



Unit: inches (mm)

Specifications

Recording function		
HDD storage capacity		1TB
Video recording system		MPEG-4 AVC/H.264, MPEG-2 TS, MPEG-2 PS
Audio recording system		Dolby Digital (2ch), Linear PCM (2ch, XP mode only), MPEG1 Layer2
Direct recording from AUX to BD/DVD		HD/SD-SDI, HDMI, HDV/DV (i.Link) input, S-video/Video
Importable data format (to HDD)		MOV*8, MXF*9, AVCHD, HDV, DV, JPEG, BDAV, BDMV, DVD-Video, VR, SD-VIDEO (HD)
Media		
Blu-ray Disc	Recordable	BD-R (SL/DL), BD-RE (SL/DL)*10
	Playable	BD-Video, BD-R (SL/DL), BD-RE (SL/DL)*10
DVD	Recordable	DVD-R (SL/DL), DVD-RW
	Playable	DVD-Video, DVD-R (SL/DL), DVD-RW, DVD-RAM, DVD+R (SL/DL), DVD+RW
SD card	Recordable	SDHC, SD
	Playable	SDHC, SD
Recordable/Playable Disc Format		
Recordable disc format	BDAV	BD-R (SL/DL), BD-RE (SL/DL)*10
	BDMV (HDMV)	BD-R (SL/DL), BD-RE (SL/DL)*10
	DVD-Video	DVD-R (SL/DL)*11, DVD-RW
	DVD-VR	DVD-R (SL/DL), DVD-RW
Playable disc format	JPEG	BD-RE, SDHC, SD
	BDAV	BD-R (SL/DL), BD-RE (SL/DL)*10
	BDMV (HDMV)	BD-Video, BD-R (SL/DL), BD-RE (SL/DL)*10
	DVD-Video	DVD-Video, DVD-R (SL/DL), DVD-RW, DVD+R (SL/DL), DVD+RW
	DVD-VR (CPRM compatible)	DVD-R (SL/DL), DVD-RW, DVD-RAM
	AVCHD	DVD-R (SL/DL), DVD-RW, DVD-RAM, SDHC, SD
	JPEG	BD-RE (SL/DL), SDHC, SD, Everio backup disc (DVD-R/-RW)
	CD-DA	Yes
	Everio backup disc	Yes

\*8: Only videos recorded using GY-HM series JVC camcorders in MOV format (Video Codec: MPEG2)  
\*9: Only videos recorded using JVC camcorder GY-HM650/HM850 in MXF format (Video Codec: MPEG2)  
\*10: Not compatible with Ver. 1.0 (23GB)  
\*11: Direct recording possible in DVD-Video format using single sided single layer DVD-R disc. Dubbing from HDD is possible in DVD-Video format using single sided dual layer DVD-R disc.  
\*12: Requires USB Card reader

Input and Output		
Video input/output		1.0V (p-p), 75Ω (BNC)
Audio input/output		2 Vrms, 10 k Ω (pin jack)
S-video	U	Y: 1.0 V (p-p), 75 Ω, C: 0.286 V (p-p), 75Ω (4-pin)
input/output	E	Y: 1.0 V (p-p), 75Ω, C: 0.3 V (p-p), 75Ω(4-pin)
IEEE1394 input		4-pin for HDV/DV (i.Link)
Component video input		Y: 1.0 V (p-p), 75Ω (BNC), CB/CR, PB/PR: 0.7 V (p-p), 75Ω (BNC)
HDMI input/output		Output: 19-pin type A (Deep Color, x.v.Color); Input: 19-pin type A
Remote input		φ3.5mm diameter jack
Serial command		RS-232C (D-sub 9-pin)
USB terminal		USB2.0
SD memory card		SDXC*12, SDHC, SD
LAN terminal		10BASE-T/100BASE-TX, RJ-45
Accessory		
Supplied accessories		AC Power Cord (US: x1, EU: x2), Infra-red Remote Control Unit *AA* battery x2
General		
Power requirements		U: AC120V, 60Hz E: AC 220V-240V, 50Hz/60Hz
Power consumption (Approx.)		42W/0.5W (Standby)
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 (net)		Approx. 5.3kg

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