Professional Blu-ray & HDD Combo Recorder
Featuring HD-SDI I/O Interface and Direct Recording from a Source to a Disc.
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 a SDI system without using any converter or peripheral device.

■ 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.
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.

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.

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.

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.

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

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.

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

User-friendly features to help get the job done

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Specifications

Recording Function

<table>
<thead>
<tr>
<th>HDD storage capacity</th>
<th>500GB</th>
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<tbody>
<tr>
<td>Video recording system</td>
<td>MPEG4 AVC/H.264, MPEG-2 TS, MPEG-2 PS, JPEG (S)V</td>
</tr>
<tr>
<td>Audio recording system</td>
<td>Dolby Digital (AC3, Linear, MP3, Linear)</td>
</tr>
<tr>
<td>Direct recording from AUX to BD/DVD</td>
<td>HD-SDI, SD-SDI, HEV (4:4:4), DV (3:2), S-Video/Video-1 (3:1)</td>
</tr>
</tbody>
</table>

Importable data format to HDD

- MOV*1, AVCHD, HD, SD, JPEG, BDAV, BDA (SDM), DVD-Video/VR, Everio backup disc

Recommended 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

- CD: CD, CD-R, CD-RW
- SD Card (Video*3/Still): SDHC, SD

Recordable/Playable Disc Format

- BDAV: BD-R (SL/DL), BD-RE (SL/DL)*2
- BDAV (HDR): BD-R (SL/DL), BD-RE (SL/DL)*2
- DVD-Video: DVD-R (SL/DL)-RW, +RW
- DVD-RAM: DVD-RAM (SL/DL)-RW, +RW
- DC: DVD-RE, HD-SDI, SDHC, SD
- JPEG: BD-RE, SDHC, SD, Everio backup disc (SD-R, RW)
- SD/HD: Yes

Recording Mode

- MPEG-2 TS: DIR
- FLV4 (MPEG-4 AVC): AV, AN, AL, AE
- MPEG-2 PS: MP, SP, LP, EP, FR

Recording Function

- Video input/output: Composite video input/output
- Audio input/output: 29mm (pin jack)
- S-video input/output: Y: 1.0 Vp-p, 75Ω; C: 0.296 Vp-p, 75Ω (SR-HD2500US) / C: 0.3 Vp-p, 75Ω (SR-HD2500EU)
- Remote input: 4-pin for DV, HDV
- Serial command: RS-232C (D-sub 9-pin)
- Component video output: Y: 1.0 Vp-p, 75Ω; CB/CR, PB/PR: 0.7 Vp-p, 75Ω
- HDMI output: 19-pin type A (Deep Color, x.v.Color, Ver.1.3a)
- USB terminal: USB2.0
- SDI: 1 (BNC)
- Output (shares DIRECT OUT/MONITOR OUT): 1 (BNC)
- Exclusive SDI through output (ACTIVE THROUGH): 1 (BNC)
- SD memory card: SDHC, SD

External Dimensions

- Height: 13 1/16" (336mm)
- Width: 2 3/4" (68mm)
- Depth: 11 3/4" (300mm)

- Weight: 11.2 lbs (5.3 kg)

- Dimensions (W x H x D): 455 mm x 70 mm x 351 mm

- Power requirements: SR-HD2500US: AC 120V, 60Hz, 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): 11.1/16" x 2 3/4" x 13 1/16" (288 mm x 70 mm x 331 mm)
- Weight: 11.2 lbs (5.3 kg)

- Specified disc format is not be used in accordance with the official Blu-ray specifications depending on the conditions.

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