### Specifications

#### Recording System
- **HDD storage capacity:** 1TB
- **Video recording system:** MPEG-4 AVC/H.264, MPEG-2 TS, MPEG-2 PS
- **Audio recording system:** Dolby Digital, 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

#### Media (SD card)
- **Recordable:** SDHC, SD
- **Playable:** SDHC, SD

### Input and Output
- **Video input/output:** 1.0V (p-p), 75Ω (BNC)
- **Audio input/output:** 2 Vrms, 10 kΩ (pin jack)
- **S-video 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, 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:** 3.5mm 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
- **Power consumption (Operating):** 240W (24W 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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KCS-8438

"JVC" is the trademark or registered trademark of JVC/KENWOOD Corporation.
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\(^1\) to optical disc and HDD will streamline your workflow and enhance reliable recording.

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.

**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.

**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.

**Educational Facilities**

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

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

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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 processing 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\(^2\) to optical disc and HDD is possible. It enables more versatile use for backup or multipurpose.

---

Long recording capability – up to 24h continuous recording

Continuous recording is possible to a maximum 24 hours (BD\(^5\)) or 8 hours (DVS), or even longer up to full disc or HDD capacity with a short 30 second interruption. This capability is helpful in surveillance and monitoring applications as well as for checking on-air video content.

\(^5\) 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\(^6\) onto the image when recording signals input from SDI or HDMI, providing a deterrent for unauthorized usage and distribution of your original content.

\(^6\) Alphanumeric characters and symbols are available.

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

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

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

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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 BD-Video 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 recording on the HDD without using a PC. You can easily create playlists, edit chapters and thumbnails, delete or split scenes, as well as add 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.

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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 M4V files output 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**

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**Recording times by mode**

The SR-HD2700 is equipped with SDI/DVI/HD-SDI/SDI/SDI HD-SDI input and USB terminals.

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

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1. Reference figures for input/output discs.
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\(^1\): Simultaneous recording not possible with DVD-video and BDMV format discs.

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Various applications and workflows for distributing video content

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**High Performance Archiving/Recording via Digital Interfaces**

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Simultaneous video recording\(^2\) to optical disc and HDD is possible. It enables more versatile use for backup or multipurpose.

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

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

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**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:** HDD, HD/SD-SDI, S-Video, Video, Audio (analog)

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

---

**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 BD-MV mode with menu\(^5\) in addition to BDVideo 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 BD-Video mode.

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

**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 MP4 files output on an NLE system can be uploaded via LAN to SR-HD2700 for Blu-ray disc creation.

**Other functions**

- Max. 66X 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

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**Recording times by mode**

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<th>Mode</th>
<th>Recording times</th>
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<th>HD (W)</th>
<th>BD (L)</th>
<th>HD (L)</th>
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</tbody>
</table>

\(^7\): Reference figure for importation of HDV.
**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
- **Video input formats**: SD-SDI, HDMI, HDV/DV (i.Link), S-video/Video
- **Importable data format**:
  - MOV*8, MXF*9, AVCHD, HDV, DV, JPEG, BDAV, BDMV, DVD-Video, VR, SD-VIDEO (HD)
- **Recordable media**:
  - Blu-ray Disc Recordable BD-R (SL/DL), BD-RE (SL/DL)*10
  - DVD Recordable DVD-R (SL/DL), DVD-RW
- **Playable media**:
  - BD-Video, BD-R (SL/DL), BD-RE (SL/DL)*10
- **Recordable discs**:
  - BD-Video, DVD-Video, DVD-R (SL/DL)*11, DVD-RW, DVD-RAM, SD-VIDEO (HD)
- **Playble discs**:
  - BD-Video, BD-R (SL/DL), BD-RE (SL/DL)*10

**Input and Output**

- **Video input/output**: 1.0V (p-p), 75 (BNC)
- **Audio input/output**: 2 Vrms, 10 k (pin jack)
- **S-video input/output**: E Y: 1.0 V (p-p), 75 (4-pin), C: 0.3 V (p-p), 75 (4-pin)
- **IEEE1394 input**: 4-pin for HDV/DV (i.Link)
- **Component video input**: Y: 1.0 V(p-p), 75 (BNC), CB/CR, PB/PR: 0.7 V (p-p), 75 (BNC)
- **HDMI input/output**: Output: 19-pin type A (Deep Color, x.v.Color); Input: 19-pin type A
- **Remote input**: 3.5mm 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

**Supplied accessories**

- AC Power Cord (US: x1, EU: x2), Infra-red Remote Control Unit
- "AA" battery x2

**General**

- **Power requirement**: US: AC120V, 60Hz
- **Power consumption**:
  - Operating: 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)
- **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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* Only videos recorded using GY-HM series JVC camcorders in MOV format (Video Codec: MPEG2)
* Only videos recorded using JVC camcorder GY-HM650/HM850 in MXF format (Video Codec: MPEG2)
* Not compatible with Ver. 1.0 (2008)
* Only recording possible using single sided single layer DVD-R disc. Dubbing from HDD is possible using single sided dual layer DVD-R disc.
* Requires USB Card reader

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