

April 2014

## New Professional Blu-ray Combo Decks SR-HD1350 and SR-HD1700

**NEW**



Creating Blu-ray or DVD discs from high definition footage recorded with our ProHD cameras has just become easier and more efficient. Our new combo decks – SR-HD1350 and SR-HD1700 – allow the user to create standard Blu-Ray high-definition discs or standard DVDs from a large variety of high definition content sources without

the need to utilise complex software or IT hardware. Through the support of industry standards, our new combo decks are also compatible with all other HDV or AVCHD cameras in the market, thus offering the benefit of easy content distribution to any user who shoots on an HDV or AVCHD camcorder. The SR-HD1350/1700 added many additional features that will make your job easier!

**KEY FEATURE – Unlike previous models, it's now possible to burn content directly to a Blu-ray disc in the BDMV format, or to a DVD in the DVD-video format.**

### SR-HD1350 features:

- Composite in/out, Component video output, DV-Input, Video outputs, S-Video in/out, HDMI output, USB, SDHC card reader
- Direct Recording to optical discs (DVD-Video /BDMV format)
- Enables to connect to the equipment without HDCP certification \*1
- Extended period and continuous recording \*2
- Supports SDHC/SDXC \*3 cards
- High speed dubbing
- Record pause mode **NEW!**
- Disc copy
- 320GB built-in hard disk drive
- Auto marking
- IR remote control
- Compatible with JVC's ProHD camcorder

\*1 Only copyright free content.

\*2 Up to full disc, but the file will be divided every 8 or 24 hours.

\*3 For SDXC, an optional card adapter is needed.

### SR-HD1700 features:

- Composite in/out, Component video output, DV-Input, Video outputs, S-Video in/out, HDMI output, USB, SDHC card reader
- Direct Recording to optical discs (DVD-Video / BDMV format)
- Enables to connect to the equipment without HDCP certification \*1
- Extended period and continuous recording \*2
- Support SDHC/SDXC\*3 card
- Transfer NLE footage to Recorder via LAN/FTP (one direction only) **NEW!**
- High speed dubbing
- Import 35Mbps Mov file
- Import MXF files creation by JVC ProHD camcorders
- Record pause mode **NEW!**
- Disc copy
- 500 GB built-in hard disk drive
- Auto marking
- IR/RS232C or LAN remote control **NEW!**
- Compatible with JVC's ProHD camcorder

Due to the many different functions of the JVC Blu-ray combo decks, we recommend you to read the manual of each Blu-ray combo deck carefully before purchase. We also recommend you check that the video formats of your camcorders are compatible with the JVC Blu-ray Combo decks. The manuals will be on our website once the products are listed on the recorders page here: <http://jvcpro.eu/video/products/211/recorders/>.

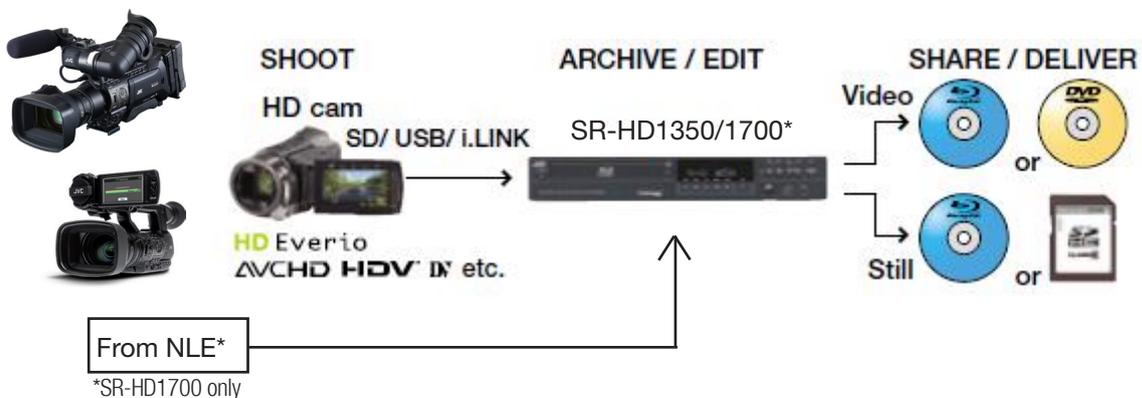
	Recording Format	DVD-R (SL)	DVD-R (DL)
<b>Direct Recording to DVD</b>	DVD-Video	Yes	No
	DVD-VR	Yes	Yes
<b>Dubbing from HDD to DVD</b>	DVD-Video	Yes	Yes
	DVD-VR	Yes	Yes

The new combo decks support a variety of disk formats and structures, ranging from simple BDAV disks without menus to more sophisticated BDMV media, with menus and backgrounds that the user can create and modify by ingesting background images, setting chapter marks and by defining title names. For the vast majority of clients who still distribute their content in standard definition, the new combo decks provide automatic downscaling of high-definition content to allow the burning of standard definition DVDs. This feature will eliminate the need to tie up larger editing stations when high-definition content has to be downscaled, it can all be done by the SR-HD1350 or SR-HD1700 combo decks:

- Creation of simple BDAV blue ray discs without menus
- Creation of sophisticated BDMV Blu-Ray discs with user definable menus
- Creation of standard definition DVDs directly from high-definition content

### Application examples:

#### Typical BD creation scenario with a camcorder



In today's fast paced world, content producers often need a fast and efficient way to distribute their content. The SR-HD1350 and SR-HD1700 combo decks provide exactly the solution these professionals need. The wide range of compatible camcorders opens a vast market for this new product line, making these combo decks the ideal choice for many content creators from wedding videographers to broadcasters. Once again, JVC introduces an exciting innovative new product that builds on industry standards and provides an easy path to enter the era of high definition content distribution on Blu-Ray discs.



### Price and availability:

Product name	Description	List price	Availability
SR-HD1350EU	Professional Blu-Ray Combo-Deck	1.395,- €	Mid of May 2014
SR-HD1700EU	Professional Blu-Ray Combo-Deck	1.700,- €	Mid of May 2014
SR-HD1700ER*	Professional Blu-Ray Combo-Deck	1.700,- €	Mid of May 2014

\* for Russia

## Appendix

Recording on DVD or Blu-ray discs is quite complex, especially if you primarily don't know how long your video footage will actually be. There are several requirements to meet: firstly, you have to keep compatibility with commercially-available DVD and Blu-ray players, and also you need to consider the blank disc type and quality, copyright issues and the choice of an appropriate video format. To give you an overview of format compatibility, we have added this appendix to our sales information.

In addition, I would like to inform you briefly about transferring data using FTP. FTP data transfer corresponds to conventional data transmission from a PC to a FTP server. However, there are differences listed below:

- 1) The video format you want to transfer has to be compatible with Blu-ray disc recorder SR-HD1700.
- 2) For FTP transfer using a LAN connection, a FTP client is required on transmitter side. Usually a FTP application is installed on your non-linear editing system (NLE, not usable for File Cut X).
- 3) Data exchange runs only unidirectionally, from the NLE system to the SR-HD1700. It is not possible to retrieve transmitted video files.

During transmission, the compatibility of the recordings is checked. Immediately after transfer, video data is transformed into the specific format of the SR-HD1700. This conversion process is lossless. The FTP browser displays the file just until conversion is finished. After that, the associated entry is deleted automatically. The converted file is then visible in the navigation menu of the SR-HD1700 and is stored in the specific format on the HDD section of the video recorder.

### 1. Direct recording to DVD:

It allows to record to optical disc directly with "DVD-Video" format in addition to "DVD-VR".

< Recording Source, Codec, and Disc format >

Input		Recording Mode	Video Codec	Audio Codec	Disc Format	Media
Analog	L-1	XP-EP	MPEG2PS	AC3/LPCM	DVD-Video	DVD-R
					DVD-VR	DVD-RW
			MPEG2TS	AC3/LPCM	BDAV	DVD-R
						DVD-RW
1394TS	HDV	AF-AE	H.264	AC3	BDMV	BD-R
						BD-RE
					BDAV	BD-R
		DR	MPEG2TS	MPEG1L2	BDAV	BD-RE
						BD-R
						BD-RE
1394DV	DV	XP-EP	MPEG2PS	AC3/LPCM	DVD-Video	DVD-R
					DVD-VR	DVD-RW
						DVD-R
						DVD-RW

### Compatibility:

Media	Record by SR-HD 1350/1700	Playback by current SR-HD**	Playback by other players
DVD-R	DVD-VR format (Unfinalized)	OK	OK ※1
	DVD-VR format (Finalized)	OK	OK ※1
	DVD-Video format (Unfinalized)	OK	Incompatible
	DVD-Video format (Finalized)	OK	OK
DVD-RW	DVD-VR format (Unfinalized)	OK	OK ※1
	DVD-VR format (Finalized)	OK	OK ※1
	DVD-Video format (Unfinalized)	OK	Incompatible
	DVD-Video format (Finalized)	OK	OK

※1: Need to support DVD -VR format

## 2. Direct recording to Blu-ray discs:

It allows to record to optical disc directly with "BDMV" format in addition to "BD-RE".

< Recording Source, Codec, and Disc format >

Input	Recording Mode	Video Codec	Audio Codec	Disc Format	Media	
Analog	L-1	XP~EP	MPEG2PS	AC3/LPCM	DVD-Video	DVD-R
					DVD-VR	DVD-RW
			MPEG2TS	AC3/LPCM	BDAV	DVD-R
					BD-RE	BD-RE
1394TS	HDV	AF~AE	H.264	AC3	BDMV	BD-R
					BD-RE	BD-RE
				BDAV	BD-R	BD-R
					BD-RE	BD-RE
		DR	MPEG2TS	MPEG1L2	BDAV	BD-R
					BD-RE	BD-RE
1394DV	DV	XP~EP	MPEG2PS	AC3/LPCM	DVD-Video	DVD-R
					DVD-VR	DVD-RW
					DVD-R	DVD-RW

### Compatibility:

Media	Record by SR-HD1350/1700	Playback by current SR-HD**	Playback by other players
BD-R	BDAV format (Unfinalized)	OK	OK ※1
	BDAV format (Finalized)	OK	OK ※1
	BDMV format (Unfinalized)	OK	OK
	BDMV format (Finalized)	OK	OK
BD-RE	BDAV format	OK	OK ※1
	BDMV format	OK	OK

※1: Need to support BDAV format

## 3. Transfer NLE footage to recorder via LAN:



### ■ Target NLE application

- Adobe Premiere Pro
- Apple Final Cut Pro (limited; not usable for Final Cut X)
- Grassvalley EDIUS Pro
- Avid Media Composer

### ■ Applied PC (Operating system)

- Windows
- MAC OS

### ■ Available file

- MOV file (MPEG2 TS)
- MXF file (MPEG2 TS)

Resolution	Frame & Bit Rate	記録レート	Format		Recorder 取りこみサポート	
			MOV	MXF	NTSC機種	PAL機種
1920x1080	60K(HQ)	35Mbps	MOV	(MPEG2)	○	×
			MXF		○	×
	30F(HQ)	35Mbps	MOV	○	×	
			MXF	○	×	
	24F(HQ)	35Mbps	MOV	○	×	
MXF	○	×				
1440x1080	60K(HQ)	35Mbps	MOV	(MPEG2)	○	×
			MXF		○	×
	60i(SP)	25Mbps	MOV	○	×	
			MXF	○	×	
	50K(HQ)	35Mbps	MOV	×	○	
MXF	×	○				
50i(SP)	25Mbps	MOV	×	○		
MXF	×	○				
1280x720	60F(HQ)	35Mbps	MOV	(MPEG2)	○	×
			MXF		○	×
	60F(SP)	19Mbps	MOV	○	×	
			MXF	○	×	
	30F(HQ)	35Mbps	MOV	○	×	
			MXF	○	×	
	30F(SP)	19Mbps	MOV	○	×	
			MXF	○	×	
	24F(HQ)	35Mbps	MOV	○	×	
			MXF	○	×	
	24F(SP)	19Mbps	MOV	○	×	
			MXF	○	×	
	50F(HQ)	35Mbps	MOV	×	○	
MXF			×	○		
50F(SP)	19Mbps	MOV	×	○		
		MXF	×	○		
25F(HQ)	35Mbps	MOV	×	○		
		MXF	×	○		
25F(SP)	19Mbps	MOV	×	○		
		MXF	×	○		