



The Perfect Experience

Blu-ray Disc™ HDD Recorder

SR-HD1500 (500GB HDD)

SR-HD1250 (250GB HDD)

SALES GUIDE

The World's Only\* Professional Blu-ray & HDD Combo Deck Recorder with SD Card Slot! Share and Archive your Original HD Content.

Table of Contents

● Introduction ..... 2
● Product Overview ..... 2
● Product Advantages ..... 3
● Workflow
Usable discs, Recording ..... 5
Importing ..... 6
Editing ..... 8
Dubbing ..... 10
● FAQ ..... 11
● Specifications ..... 12



\*As of September 1, 2009 (source: JVC)



## Introduction

JVC introduces two new tapeless HD combo decks featuring a HDD (SR-HD1500: 500GB, SR-HD1250: 250GB), Blu-ray recorder, and SDHC compatible SD card slot. As the world's only\* professional HD combo deck with a Blu-ray disc recorder, the SR-HD1500/HD1250 incorporates a variety of interfaces to facilitate link-up with external devices. Both recorders are compatible with HD cameras supporting HDV and AVCHD, and the SR-HD1500 can import .MOV files from JVC's ProHD cameras (19mbps and 25mbps) in SP mode. Once footage is imported onto the deck's HDD from a variety of media and interfaces, HD content can be edited, archived and/or dubbed onto Blu-ray

discs or down converted onto DVDs without a PC. The entire BD or DVD disc can be dubbed at high speed to ensure prompt delivery to clients.

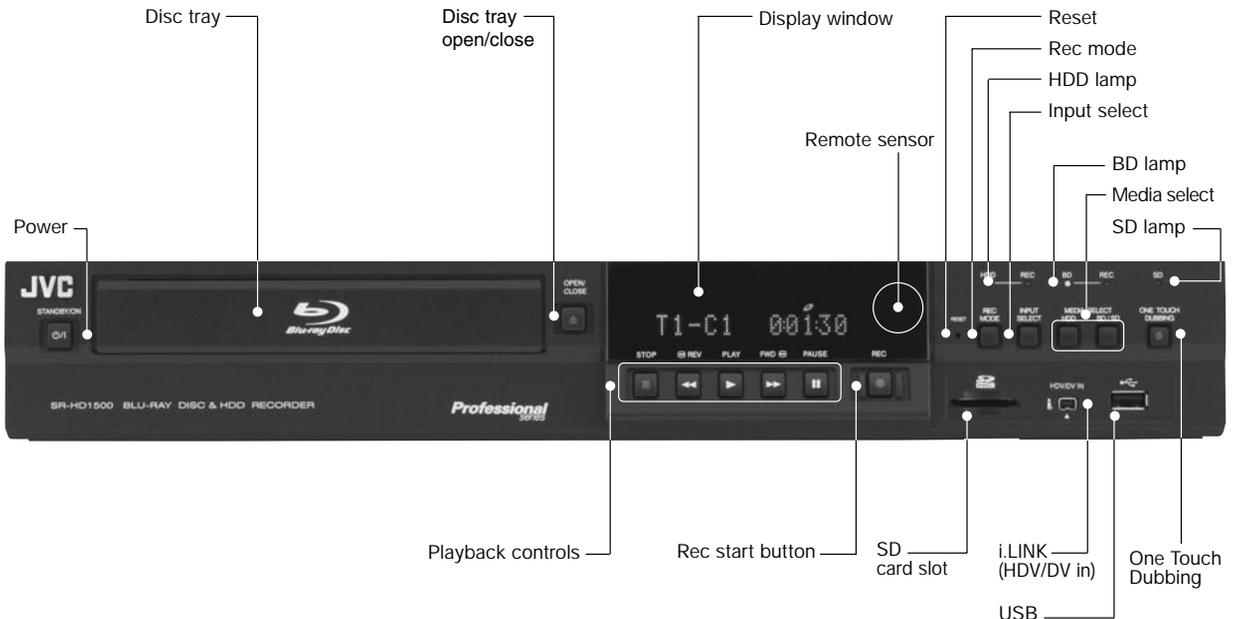
\*As of September 1, 2009 (source: JVC)



Model	SR-HD1500	SR-HD1250
HD capacity	500GB	250GB
RS-232C	●	—
MOV support	●	—
Menu background	●	—

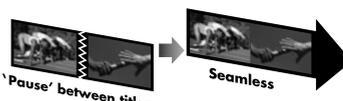
## Product Overview

### Front view



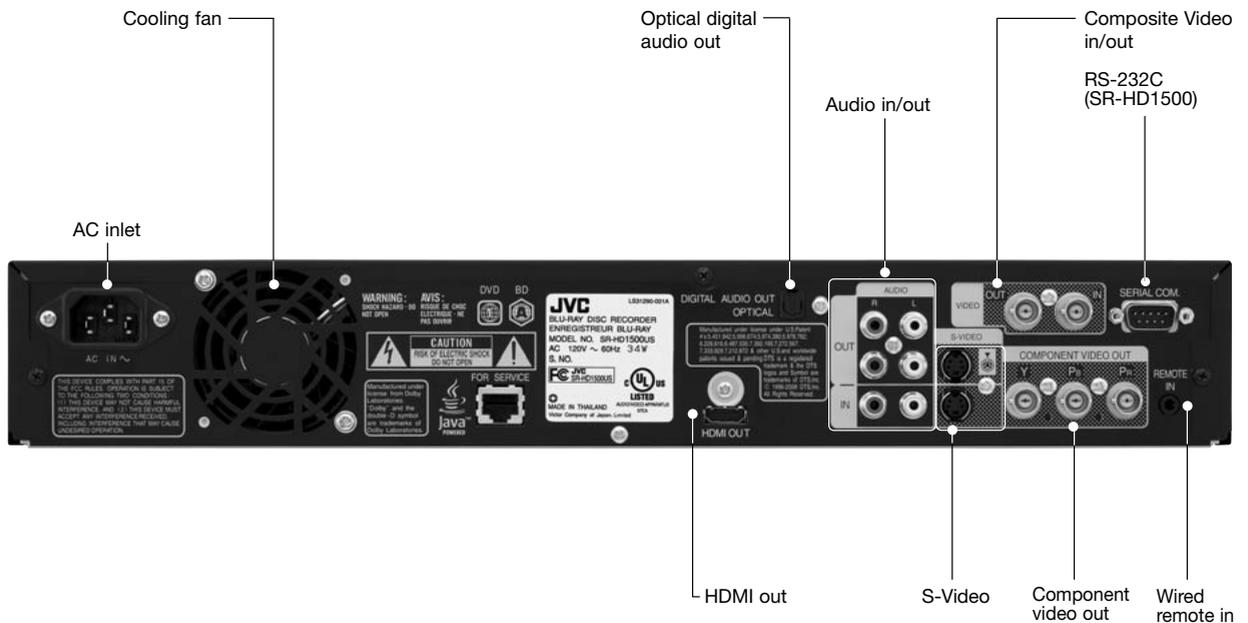
## Advantages of the SR-HD1500 & SR-HD1250



- 1. Import .MOV files to the SR-HD1500:** See page 8 for details  
.MOV files recorded on the GY-HM700 or GY-HM100 can be imported into the SR-HD1500's internal HDD
- 2. Create menu-supported Blu-ray discs:** See page 10 for details  
Blu-ray discs can be created using the BDMV (with menu) format
- 3. Create Blu-ray discs with seamless transition between titles:** See page 9 for details  
Annoying 'pause' between titles can be eliminated for a seamless playback, even for full HD images  

- 4. Import HDV formats:** See page 6 for details  
HD footage of 720p or 1080i can be imported in its original HD resolution
- 5. Convenience of One Touch Dubbing function:** See page 8 for details  
Titles from connected media (USB-connected device and SD card, etc.) can be imported at a touch of a button
- 6. Convenience of Entire Disc Dubbing function:** See page 10 for details  
An entire Blu-ray or DVD disc can be dubbed onto another blank disc
- 7. Create playlist without a PC:** see page 9 for details
- 8. High-speed Dubbing function:** See page 10 for details  
Dubbing HD content from the HDD onto a Blu-ray disc can be shortened significantly

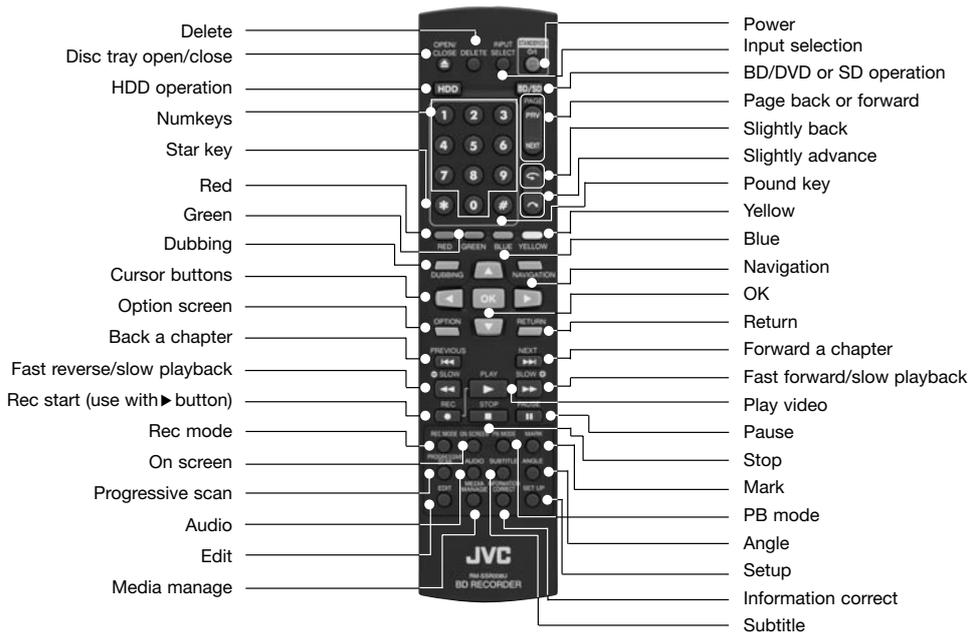
## Product Overview

### Rear view



# Product Overview

## Remote control unit



## Controlling the unit from a PC via RS-232C interface (SR-HD1500)

The SR-HD1500 features an RS-232C interface to enable control of the unit from a PC.

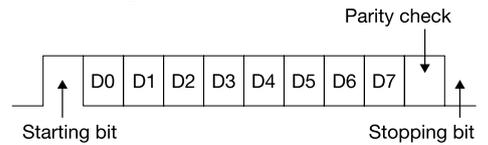
### ● Pin layout



PIN No.	Signal	Operation	Signal direction
2	RxD	Reception	HDD/DVD ← PC
3	TxD	Transmission	HDD/DVD → PC
5	GND	Signal grounding	

Mode: Non-synchronous  
 Parity check: Odd  
 Stop bit: 1  
 Character length: 8-bit  
 Start bit: 1  
 Data rate: 9600bps

### ● Bit Configuration



### Command table

Higher Order \ Lower Order	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0		Complete	Error	Cassette Out		Not Target					ACK	NAK				
1																
2																
3											Play					Stop
4																Still
5							Clear									
6	Sense Chapter	Title Sense														
7																
8	Chapter Search	Title Search													Date Preset	Clock Preset
9	Finalize	Cancel-Discs Finalization	Disc Erase	TOP TOP MENU	MENU	NEXT CHAPTER	PREV CHAPTER	Setup	SET	UP	DOWN	RIGHT	LEFT	Next Title	Prev Title	Remote Data
A	Standby On	Standby On		Eject								FF	REW	Fwd Field Step	Rev Field Step	
B						Fwd Still	Rev Still		Select Preset	Select Sense					Date Data Sense	Clock Data Sense
C											Rec					
D								Status Sense	Tc Data Sense	CTL Data Sense				JVC Status Sense		
E																
F	Command Target										Rec/Dub Request					

## Workflow

### Usable discs

#### Playback and recording/dubbing

Disc type	Recording format	Format	Finalize	Repeated use (reformat)
BD-RE	BDAV mode	Yes	—	Yes
	BDMV mode	Yes	—	Yes
BD-R	BDAV mode	Yes	—	—
	BDMV mode	Yes	—	—
DVD-RW	Video mode	Yes	Yes	Yes
	VR mode	Yes	Yes	—
DVD-R	Video mode	—	Yes	—
	VR mode	Yes	Yes	—

#### Playback only

Disc type	Description
DVD-RAM (4.7GB)	Supports specific forms of playback, but no recording can be done
BD-ROM	Commercially available Blu-ray titles (movies, music, etc.); Region code: A
DVD video	Commercially available DVD-Video titles (movies, music, etc.); Region code: 1/NTSC
Music CD	CD-DA and DTS music CDs

NOTE: Only playback is enabled on 8cm discs without the use of adapters. DVD-RAM and BD-RE cartridges are not supported. Take the disc out of the DVD-RAM cartridge before using.

### Discs that are not supported

- DVD-RAM (2.6 GB/5.2 GB)
- DVD-R (for authoring)
- DVD+R DL\* (single-sided, dual layer)
- CD-ROM/R/RW (PhotoCD, CD-G, VCD etc.)
- DDCD (1.3 GB, Double Density CD)
- HDCD (High Density CD)

\*Supports DVD-Video and AVCHD playback

### Formatting and recording modes

- **Recordable discs and formatting:** Certain unused discs require formatting before recording

#### Recordable DVD discs and formatting

	Type	VR Format	Video Format
DVD-RW	Single-sided, single layer (4.7GB)	Yes	Yes
DVD-R	Single-sided, single layer (4.7GB)	Yes	Yes*
	Single-sided, dual layer (8.5GB)	Yes	Yes*

\*No formatting required

#### Recordable BD disc and formatting

	Type	Format
BD-RE	Single-sided, single layer (25GB)	Yes
	Single-sided, dual layer (50GB)	Yes
BD-R	Single-sided, single layer (25GB)	Yes
	Single-sided, dual layer (50GB)	Yes

- **Recording modes:** Description and maximum recording times (estimate)

Legend: 1S/1L=Single sided/single layer; 1S/2L=Single sided/dual layer; H=hours, M=minutes

Quality	Rec. mode	Description	 (1S/1L)	 (1S/2L)	 (1S/1L)	 (1S/2L)	 (500GB**1)
HD	DR	Direct recording; videos are recorded in the original picture quality. HDV, .MOV*2 and SD-VIDEO (Everio MPEG-2 TS) titles are imported using the DR mode.	1H55M*3	3H55M*3	—	—	40H*4
	AF	Recommended for recording images with fast motion, such as sports videos. Records images at high-quality HD.	4H	8H	—	—	80H
	AN		6H	12H	—	—	126H
	AE	Recommended for recording images with slow motion and little contrast, such as dramas. Records images at low-quality HD.	9H	18H	—	—	189H
12H			24H	—	—	252H	
SD	XP	Recommended for recording images with fast motion, such as sports videos. Records images at high-quality SD.	5H15M	10H30M	1H	1H45M	110H
	SP		10H30M	21H	2H	3H35M	222H
	LP	Recommended for recording images with slow motion and little contrast, such as dramas. Records images at low-quality SD.	21H	42H	4H	7H10M	442H
	EP	Recommended for recording images with sharp outlines, such as animation videos, and when the recordable time (remaining time) is limited.	42H	84H	8H	14H20M	887H

\*1: Capacity will be halved for the 250GB hard-disk drive equipped on the SR-HD1250.

\*2: Only on the SR-HD1500; Recorded using the JVC ProHD Camcorder GY-HM700/100 in SP mode.

\*3: BDAV recording at HDV1080i

\*4: Estimated figure when HDV is imported.

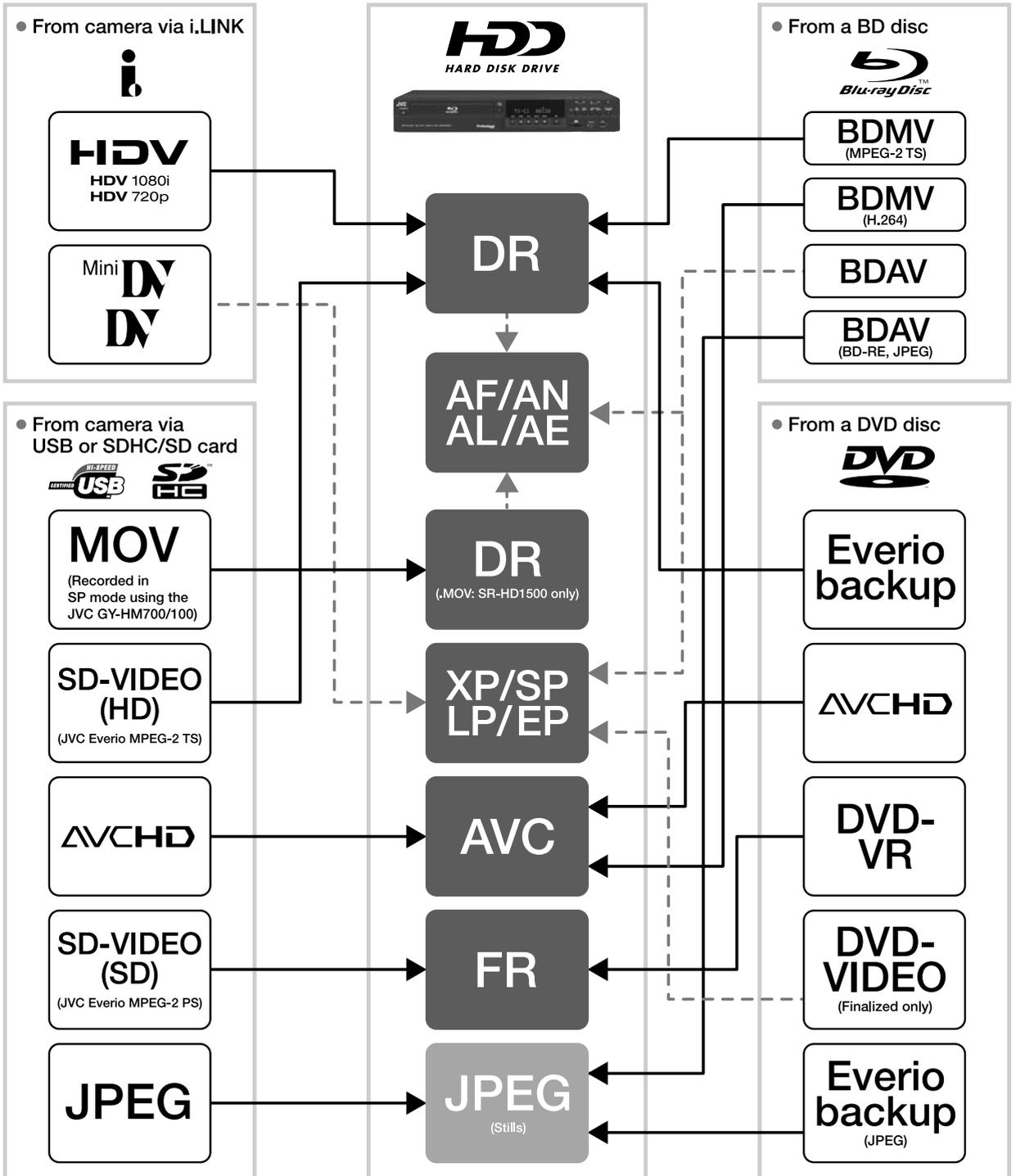
# Workflow (continued)

## Importing to HDD

**POINT!** **Importing AVCHD, HDV, or DV format:** Whether the resolution is 720p or 1080i, AVCHD, HDV, and DV formats can be imported as is in its original quality. Digital dubbing can also be performed.

**POINT!** The SR-HD1500 features **500GB HDD (250GB on the SR-HD1250.)**

→ Import in MPEG data including H.264  
 --- Import in encoded data



## Workflow (continued)

The entire recorded data can be imported into the HDD using the easy-to-use One Touch Dubbing or Full Import functions.



**Import .MOV files\* to the SR-HD1500:** .MOV file, a popular format used on Final Cut Pro by Apple, cannot be imported in its original format on conventional Blu-ray recorders. The SR-HD1500 features optimized conversion algorithm for video streaming to enable importing of .MOV files recorded with JVC's

GY-HM700 or GY-HM100 camcorder into the HDD via SDHC card for playback, or edit and dubbed onto discs.

*\*In SP mode (19Mbps and 25Mbps); Dubbed disc using 25Mbps may not be in accordance with the official Blu-ray specifications. Not featured on the SR-HD1250*

## One Touch Dubbing (import the entire data on all connected media to HDD)

Time-consuming confirmation of connected equipment or selection of content is no longer needed to import data into the HDD with the One Touch Dubbing function. This unique feature is smart enough to do all of the above with a press of a button. The data is sorted by the recorded dates, enabling the user to concentrate on edit functions after importing.

### Step 1

Connect an external device via i.LINK, USB memory and/or insert an SD or SDHC card in the slot.



### Step 2

Press One Touch Dubbing button and the unit automatically starts detecting the connected devices in the order of USB, SD card, and i.LINK.



### Step 3

All importable titles are automatically imported onto the HDD from the connected device/media. When done, message "Dubbing is completed" appears on the connected monitor screen.



Titles on a USB memory device or SD card can be imported at a touch of a button.

## How to perform Full Import (media: SD/SDHC card → HDD)

### Step 1

Insert an SD/SDHC card



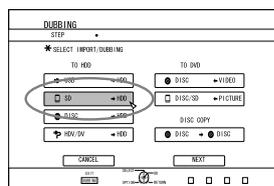
### Step 2

Press DUBBING button on the remote



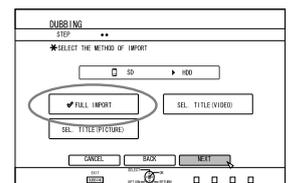
### Step 3

Select [SD → HDD] on the menu → OK → Click [Next] → OK



### Step 4

Select [Full Import] → OK to confirm → Click Next → OK



### Step 5

Select [Start] → OK to begin. When done, message "Dubbing is completed" appears on the connected monitor screen.

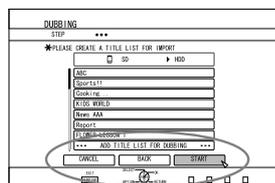


NOTE: The similar operation can be performed for other media; refer to the User Manual for details.

## How to perform import by specifying a title (media: SD/SDHC card → HDD)

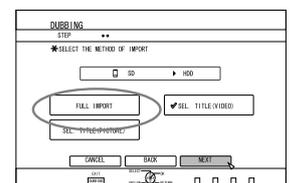
Perform Step 1 to Step 2 from the above

Step 4 Select [Sel. Title (Video)] → OK → Click [Next] → OK



### Step 5

Create import title list: Select the titles to import.



### Step 6

When selection is done, press [Start] → OK to begin. When done, message "Dubbing is completed" appears on the connected monitor screen.



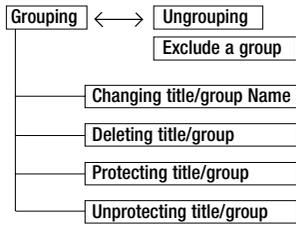
# Workflow (continued)

## Editing

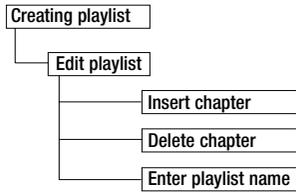
Editing functions can be easily called up at a press of a button on the remote control unit.



① Using the **NAVIGATION** button  
**GROUPING:**  
 Combine multiple titles stored on the HDD

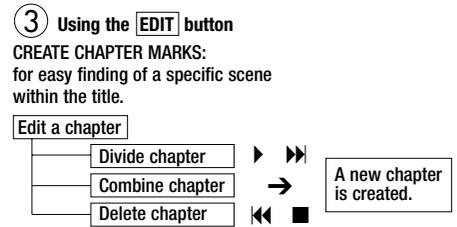


**CREATE PLAYLIST:**  
 from the video titles on the HDD

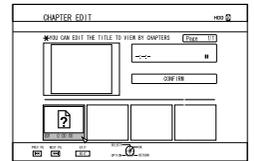


**POINT!** Without a PC, simple editing functions are available including **playlist creation**

② Using the **INFORMATION CORRECT** button  
**CREATE STILL IMAGES:** from thumbnails  
**Thumbnail edit**



**Delete scenes**  
 Unwanted scenes can be deleted to increase the space on the HDD. See below section on "Creating discs with seamless transition between titles/scenes".



**Dividing**  
 A saved title can be divided into two titles

### Editing function compatibility by media

Editing option	HDD	BD-R	BD-RE	DVD-RW/ DVD-R	SD
Grouping	✓				
Changing the Title/Group Name	✓	✓	✓	✓	
Deleting a Title/Group	✓	✓	✓	✓	✓
Turning On Title/Group Protection	✓	✓	✓		
Turning Off Title/Group Protection	✓	✓	✓		
Creating a Playlist	✓				
Editing a Thumbnail	✓	✓	✓	✓	
Editing a Chapter	✓	✓*2	✓*2	✓*2	
Delete Scene	✓				
Dividing	✓				
Changing the Disc Name		✓	✓	✓	
Changing the Shooting Date/Time	✓*1				

\*1: Supports only video and still images that are added with date/time information

\*2: Supports only dividing and combining of chapters.

# Workflow (continued)

## Native vs. Re-encoded

Source	Edit / Delete	BDAV	BDMV	Seamless BDAV	Seamless BDMV
AVCHD	no	High-speed dub	High-speed dub	High-speed dub	Rate conv.
	yes	High-speed dub	Rate conv.	Rate conv.	NO
HDV	no	High-speed dub	Rate conv.	Rate conv.	Rate conv.*1
	yes	Rate conv.	Rate conv.	Rate conv.	Rate conv.*1
TOD (Everio)	no	High-speed dub	Rate conv.	Rate conv.	Rate conv.*1
	yes	High-speed dub	Rate conv.	Rate conv.	Rate conv.*1
MOV*2	no	High-speed dub*3	High-speed dub*3	High-speed dub*3	High-speed dub*3
	yes	Rate conv.	Rate conv.	Rate conv.	Rate conv.

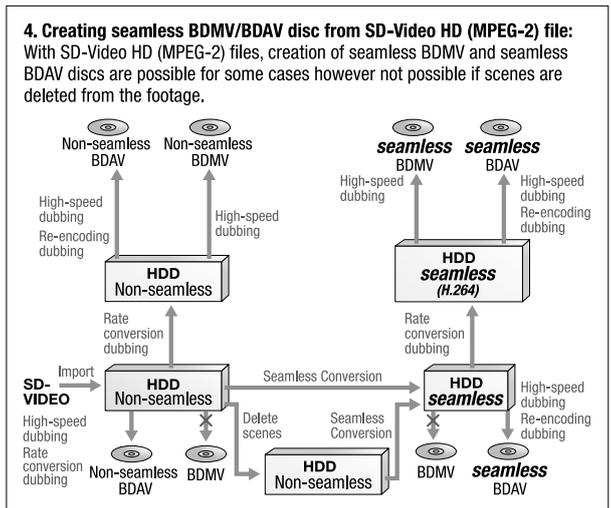
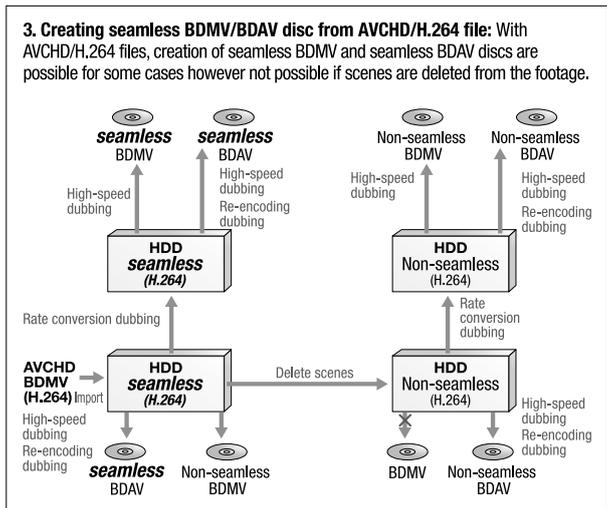
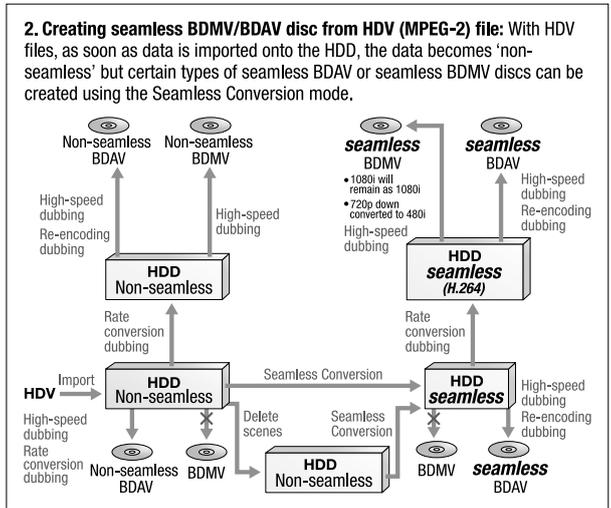
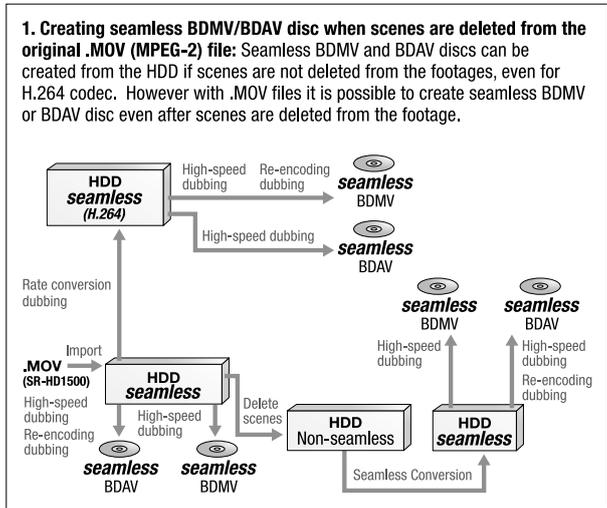
	Native
	Re-encoded
	Not possible

\*1 1080i only. \*2 Only on the SR-HD1500 \*3 x 0.7 a real-time import

## Creating discs with seamless transition between titles/scenes

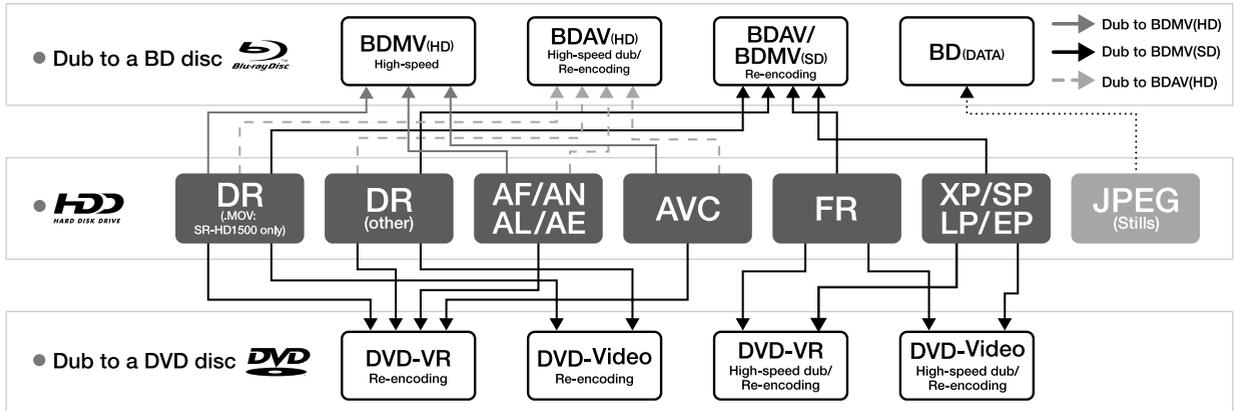
Seamless disc playback is possible for footage imported from USB and SDHC cards as well as HDV tape. Additionally, it is possible to create discs with seamless playback even if scenes have been deleted.

**POINT!** Making titles seamless: Titles imported into the HDD can be authorized for seamless playback.



# Workflow (continued)

## Dubbing



**POINT!** Create menu-supported BDMV Blu-ray discs: Like DVD-Videos, convenient menu-supported BDMV Blu-ray discs can be created that are compatible with other Blu-ray players. BDAV dubbing done on consumer Blu-ray recorders cannot be played back on many of commercial BD players. However, thanks to the provision of optimum menu system and thorough understanding of the Blu-ray specifications, BDMV discs created on the SR-HD1500 and SR-1250 can be played back on commercial BD players, game consoles and PCs, offering optimum compatibility.

## High-speed Dubbing

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.

### Step 1

Set a BD or DVD on the disc tray

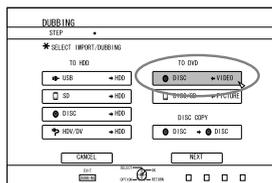
### Step 2

Press DUBBING button on the remote



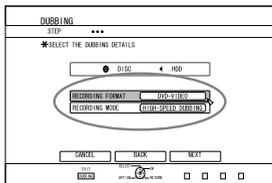
### Step 3

Select [SD ← VIDEO] on the menu → OK → Click Next → OK



### Step 4

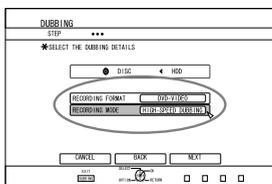
Select [RECORDING FORMAT] → OK



### Step 5

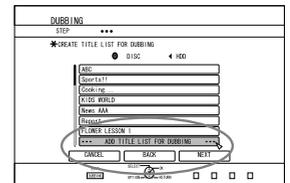
Select [RECORDING MODE] → OK → Click [Next] → OK.

Create a dubbing title list appears on the screen.



### Step 6

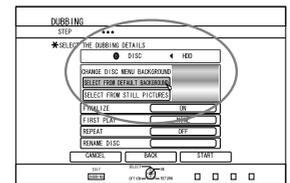
Select [Add title list for dubbing] on the menu → OK → select titles to dub → OK → Click [Next] → OK.



### Step 7

Select a background image for the disc menu.

Background templates: Choose a background (out of 8 colors) for the disc menu. For the SR-HD1500, choose between [Default Background] or original [Still Pictures].



Default Background



Still Pictures

## Finalizing (BD-R, DVD-R and DVD-RW) and Unfinalizing (DVD-RW)

**FINALIZE:** Press [MEDIA MANAGE] button on the remote control unit to activate the menu screen.

**UNFINALIZE:** DVD-RW discs finalized on the SR-HD1500 or SR-HD1250 can be unfinalized to continue with further editing. Conduct the same procedure as finalize.



**POINT!** Entire Disc Dubbing function: Limiting the read/write overhead to bare minimum by direct command control of the disc, the entire finalized BDMV, DVD-Video, or AVCHD disc each with menu data can be dubbed as is at high-speed onto another blank disc.

## FAQ

### ● Importing videos from USB-connected camcorders

(Refer to Page 33 "Importing Data from a USB-compatible Device to the HDD" on the instruction manual)

When importing videos from a USB-connected camcorder, data reading from the internal memory of the camcorder may fail. If both the camcorder's internal memory and SD card are available, the SD card may be detected first. To prevent this from occurring, remove the SD card before reading data from the internal memory.

### ● Playback of 24p titles

(Refer to Page 80 on the instruction manual)

24p playback is possible for commercially available BD-ROMs or BDMVs that are recorded in 24p. Except for BDMVs, content that is dubbed or recorded on the SR-HD1500 or SR-HD1250 at 24p, as well as 24p content on SD cards are played back at 60p or 60i.

### ● Dubbing of 720p content

(Refer to Page 39 "Dubbing a Title from the HDD to a BD/DVD" on the instruction manual)

When dubbing 720p content to a BDAV/BDMV disc, the data may be converted to 480i in some cases. This occurs when recording mode conversion other than seamless conversion is performed, or when dubbing is performed via recording mode selection. For 720p HDV content imported via i.LINK, a disc can be created at 720p during high-speed dubbing to BDAV. For 720p content imported from JVC GY-HM700/100 via an SD card, a high-definition disc can be created by selecting high-speed dubbing to BDMV/BDAV.

### ● Dubbing of high bit-rate files to BD

(Refer to Page 39 "Dubbing a Title from the HDD to a BD/DVD" on the instruction manual)

The following high bit-rate files may not meet the Blu-ray Disc standards when they are dubbed to a BD.

- When a BDAV/BDMV disc is created (high-speed dubbing) by importing content captured in the JVC GY-HM700/100 SP mode.
- When a BDAV disc is created (high-speed dubbing) by importing content captured in the JVC GZ-HD7/6 etc FHD mode.
- When a BDAV/BDMV disc is created by importing content that is captured using another video camera at a peak bit-rate that exceeds 28.8 Mbps.

If the Blu-ray Disc standards are not met, playback on another player may fail. To ensure that the standards are satisfied, perform high-speed dubbing after converting the recording mode, or perform dubbing by specifying a recording mode.

### ● Importing data from JVC GY-HD250 or other HDV cameras via i.LINK connection

(Refer to Page 37 "Importing Data from an i.LINK-compatible Device to the HDD" on the instruction manual)

For example, during full import of HDV content from JVC GY-HD250 via i.LINK connection, the beginning of the image may not be captured if GY-HD250 is not set as follows.

- (1) Set the [IEEE1394] switch at the rear of the GY-HD250 unit to [HDV] or [DV] according to the recorded content.
- (2) Set [MENU]/[VIDEO FORMAT]/[PB TAPE] on the GY-HD250 unit to [HDV] or [DV]. (As with (1), set according to the recorded content. Setting to [AUTO] is not allowed.)
- (3) Check to ensure that the [HDV] or [DV] lamp on the side of the GY-HD250 unit is lit. (Check to ensure that the lamp that is lit corresponds to the setting in (1) and (2).)

When importing from a tape that contains data captured in the HDV recording and DV recording modes, change the video camera setting according to each recording mode, check to ensure that the corresponding lamp in (3) is lit, and choose to start import from the current position.

### ● Playback navigation display of SD card content

(Refer to Page 54 "Playing Videos on a SD Card" on the instruction manual)

Playback navigation displays the AVCHD content on the SD card in titles, not in scenes (chapters). Titles are grouped such as according to the date, recording mode, or number of scenes. Make use of thumbnail display to display titles. List display is not supported.

### ● Playback navigation display of MOV\* files (SR-HD1500)

(Refer to Page 48 "Using Playback Navigation" on the instruction manual)

To display MOV\* files stored on an SD card using Playback Navigation, make use of list display. Thumbnail display is not supported. Files on the SD card cannot be played back directly. To do so, import them into a HDD. (For details on importing MOV\* files from an SD card, refer to "Importing Data from an SD Card to the HDD" on Page 35 of the instruction manual).

\*The SR-HD1500 supports import of files captured in the "SP mode" (1280x720/60p, 30p, 24p, 1440x1080/60i) of the MOV format using the JVC ProHD camcorder GY-HM700 or GY-HM100, and enables import to the HDD or dubbing to a disc.

### ● Dubbing of titles with joined scenes

(Refer to Page 98 on the instruction manual)

When titles imported into the HDD in the HD quality from a video camera, or when edited titles (e.g., after applying scene delete) are dubbed to a disc, seamless playback may not be possible at the joints of scenes. In this case, perform dubbing after executing "SEAMLESS" under the "MODE CHANGE" menu.

- Creating a seamless BD that uses "MODE CHANGE" (seamless conversion, recording mode conversion)

Procedures to create a seamless BDMV

	If you do not want to perform scene delete/chapter delete	If you want to perform scene delete/chapter delete
AVCHD	Changing recording mode	No
MOV*1	Conversion not required	Seamless conversion
SD-VIDEO (HD)*2 HDV	Recording mode conversion after seamless conversion	Recording mode conversion after seamless conversion

Procedures to create a seamless BDAV

	If you do not want to perform scene delete/chapter delete	If you want to perform scene delete/chapter delete
AVCHD	Conversion not required	No
MOV*1	Conversion not required	Seamless conversion
SD-VIDEO (HD)*2 HDV	Seamless conversion	Seamless conversion

\*1: SR-HD1500 supports import of files captured in the "SP mode" (1280x720/60p, 30p, 24p, 1440x1080/60i) of the MOV format using the JVC ProHD camcorder GY-HM700 or GY-HM100, and enables import to the HDD or dubbing to a disc. \*2: SD-VIDEO (JVC Everio MPEG-2 TS)

### Memo

- During dubbing to BDMV, the recording mode cannot be specified.
- Do not perform recording mode conversion before seamless conversion. Otherwise, seamless conversion cannot be performed.
- If scene delete or chapter delete is applied to a title, it cannot be dubbed to a BDMV disc without performing seamless conversion.
- For titles that are imported into the HDD in the SD picture quality, you can create a seamless DVD by setting "SEAMLESS PLAYBACK" under the "Setting Menu List" to "ON", followed by performing re-encode dubbing. (Refer to Page 77, "Playback seamless" on the instruction manual)
- For joints of scenes that are 15 seconds or shorter, seamless playback may fail even when it is set to "ON". The same applies during re-encode dubbing in the SD picture quality.

### ● Mode conversion

(Refer to Page 73 on the instruction manual)

For video titles (recorded in the DR, AVC, AF, AN, AL, or AE recording mode) imported to the HDD in the HD image quality:

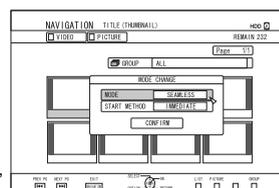
- You can change the recording mode. (recorded in the DR, AVC, AF, AN, AL, or AE recording mode → AF/AN/AL/AE/XP/SP/LP/EP)
- Seamless conversion can be performed to enable smooth playback of joined scenes after dubbing to a BD. (recorded in the DR recording mode † SEAMLESS)

### Memo

- Re-encoding is performed during recording mode conversion.
- As seamless conversion does not re-encode video and audio, there is no deterioration in the image quality.
- Only titles that are recorded in the DR mode enable conversion to the XP/SP/LP/EP mode.
- To apply "MODE CHANGE" after turning off the power, select "AFTER POWER OFF" for "START METHOD" under the "MODE CHANGE".

### Operation procedures:

1. Press [NAVIGATION] on the remote control
2. Select a title and press [OPTION]
3. Select MODE CHANGE from the Option menu, and press [OK] to display the MODE CHANGE screen.
4. Select a recording mode from [MODE], press [CONFIRM], and press [OK].



# Glossary

## •1080i

In a single high-definition image, 1080 (1125) alternating scan lines pass every 1/60th (NTSC) or 1/50th (PAL) of a second to create an interlace image. And because 1080i (1125i) more than doubles the current scan lines of 480i (525i) found on television broadcasts, it helps to ensure that details are much clearer, enabling the creation of more realistic and richer images.

## •AVCHD (Advanced Video Codec High Definition)

AVCHD is an acronym for Advanced Video Codec High Definition, and it is the format for HD camcorders used to record and playback high-definition video images. AVCHD uses the H.264/MPEG-4 AVC compression format for video to enable highly efficient encoding, the Dolby Digital (AC-3) format with LPCM option for audio, and MPEG-2-TS for multiplexing.

## •BD-VA (Blu-ray Disc Audio/Visual)

BD-VA is an application format used for recordable discs including BD-R and BD-RE as the correlation between DVD-VR in DVD specifications is similar for BD-VA in Blu-ray specifications. Recorded video can be edited (e.g. chapter editing) or added with new footage onto a disc, making this format highly suitable for recording purposes. It is also ideal for backing up recordings, although its playback compatibility is limited. High-definition MPEG-2 files can also be recorded in the MPEG-2 format as is.

## •BDMV (Blu-ray Disc Movie)

BDMV is an interactive disc authoring mode and application format for BD-ROMs, which is a part of Blu-ray disc specifications. The correlation between DVD-Video in DVD specifications is similar for BDMV in Blu-ray specifications and BDMV format discs can be played back on other BD players. With its menu support, the format is also highly suitable for distribution purposes.

## •HDMI (High-definition Multimedia Interface)

Established in Dec. 2002, HDMI is an interface for digital electronic equipment that acts as the connection standard between PCs and displays. It transmits uncompressed HD digital audio and video signals on a single cable without distortion. The DVI interface was its predecessor, and HDMI has been enhanced for AV equipment by adding functions such as audio pre-processor, copy protection of digital content and other intellectual properties, as well as the ability to transfer color-variation information.

## •MPEG-2 (Moving Picture Experts Group 2)

MPEG-2 is a standard for efficient data compression and color video expansion that is widely used for media such as DVDs and satellite-based digital broadcastings.

## •MPEG-4 AVC/H.264

MPEG-4 AVC/H.264 is a standard for efficient data compressing and color video expansion, which is used for recording high-definition video. MPEG-4 AVC/H.264 usage is expected to increase in the future as the video codec has been approved by Blu-ray disc specifications.

## •Progressive/Interlace

As the primary scanning methods for televisions, Interlace is a conventional image signal that displays the image in two phases by splitting the display into odd and even scan lines. Progressive will display the whole image in a single scan and when compared to Interlace, it helps to ensure high-definition image reproduction without flickering.

## •Seamless conversion

In order to enable the smooth transition of edited images while playing back or dubbing onto an optical disc, equipment offering seamless conversion is able to correct the unnecessary freezing and jerkiness found in content or video streams having deleted sections or repeatedly recorded DV or HDV content.

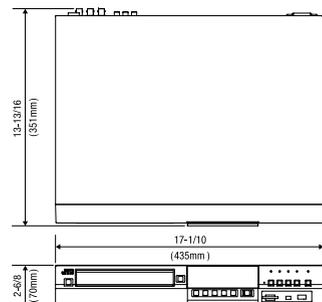
# Specifications

	SR-HD1500	SR-HD1250
<b>Recording Function</b>		
HDD storage capacity	500GB	250GB
Video recording system	H.264 (MPEG-4 AVC), MPEG-2 TS, MPEG-2 PS, JPEG (Still)	
Audio recording system	Dolby Digital, Linear PCM	
Importable data format (to HDD)	MOV*, AVCHD, HDV, DV, JPEG, BDAV, BDMV, DVD-Video/VR, Everio backup disc	
	AVCHD, HDV, DV, JPEG, BDAV, BDMV, DVD-Video/VR, Everio backup disc	
<b>Recordable Media</b>		
Blu-ray Disc	BD-R (SL/DL), BD-RE (SL/DL)*2	
DVD	DVD-R (SL/DL), DVD-RW	
SD Card (Still)	SDHC, SD	
<b>Playable Media</b>		
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*/Still)	SDHC, SD	
<b>Recordable/Playable Disc Format</b>		
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	DVD-R (SL/DL)/-RW
	JPEG	BD-RE, SDHC, SD

Playable disc format	BDAV	BD-R (SL/DL), BD-RE (SL/DL)*2	
	BDMV	BD-R (SL/DL), BD-RE (SL/DL)*2	
	DVD-Video	DVD-R (SL/DL)/-RW, +RW (SL/DL)	
	DVD-VR (CPRM enabled)	DVD-R (SL/DL)/-RW, DVD-RAM	
	AVCHD	DVD-R (SL/DL)/-RW, DVD+R (SL/DL)/+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	
	<b>Recording Mode</b>		
	MPEG-2 TS	DR	
H.264 (MPEG-4 AVC)	AF, AN, AL, AE		
MPEG-2 PS	XP, SP, LP, EP, FR		
<b>Input and Output**4</b>			
Video input/output	1 Vp-p, 75 Ω (BNC)		
Audio input/output	2Vrms (pin jack)		
S-video input/output	Y: 1.0 Vp-p, 75 Ω, C: 0.286 Vp-p, 75 Ω		
DV input	4-pin for DV, HDV IN		
Remote input	3.5 mm diameter jack		
Serial command	RS-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		
SD memory card	SDHC, SD		

Accessories		
Supplied accessories	AC power cord, audio/video cable, BNC male to RCA female adapter, infrared remote control unit, "AA" battery x 2	
<b>General</b>		
Power requirement	AC 120 V, 60 Hz	
Power consumption	Power on/off	34 W/3.0 W
	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	SR-HD1500	11.2 lbs (5.1 kg)
	SR-HD1250	11.0 lbs (5.0 kg)

## External Dimensions



Unit: inches (mm)

\*1: Only on the SR-HD1500 from the GY-HM700 or GY-HM100 camcorder using the SP mode. \*2: Not compatible with Ver. 1.0 \*3: Playability depends on the data format and conditions. \*4: Corresponds to copy protection. \*5: Dubbed disc may not be in accordance with the official Blu-ray specifications depending on the conditions.

E. & O.E. Design and specifications are subject to change without notice.

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