

JVC

CU-VS100U

HD Media Player *INSTRUCTIONS*

ENGLISH

FRANÇAIS

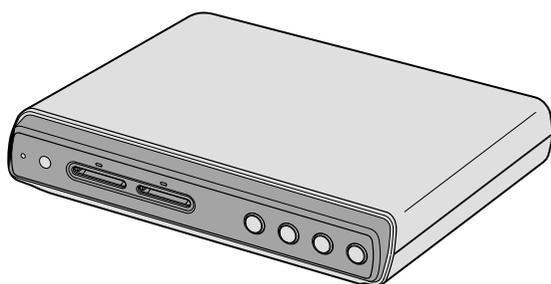
CASTELANO

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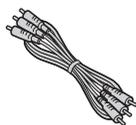
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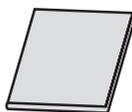
Power cable



A/V cable



Remote control



Instruction Manual (this manual) and other documentation

For Customer Use:

Enter the Model No. and Serial No. (located on the bottom of the player) below Retain this information for future reference

Model No. _____

Serial No. _____

Dear Customer,

Thank you for purchasing this player. Before use, please read the safety information and precautions contained in pages 2 and 3 to ensure safe use of this product.

Safety Precautions

| |
|---|
| <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p> |
| <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p> |



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



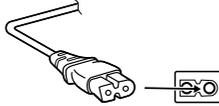
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

| | |
|-----------------|---|
| WARNING: | TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT TIMES. |
| CAUTION: | TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. |

ATTENTION:
This unit contains microcomputers. External electronic noise or interference could cause malfunctioning. In such cases, switch the unit off and unplug the mains power cord. Then plug it in again and turn the unit on. Take out the SD card. After checking the SD card, operate the unit as usual.

Declaration of Conformity (for owners in the U.S.A.)
 Model Number : CU-VS100U
 Trade Name : JVC
 Responsible party : JVC AMERICAS CORP.
 Address : 1700 Valley Road Wayne, N. J. 07470
 Telephone Number : 973-317-5000
 This device complies with Part 15 of FCC Rules.
 Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:
To avoid electric shock or damage to the unit, first firmly insert the small end of the power cord into the AC INPUT of the player until it is no longer wobbly, and then plug the larger end of the power cord into an AC outlet.



(For owners in the U.S.A.)
 Changes or modifications not approved by JVC could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/ TV technician for help.

If malfunctioning occurs, stop using the unit immediately and consult your local JVC dealer.

Caution on Replaceable lithium battery
 The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, heat above 100 °C or incinerate. Replace battery with Panasonic, Sanyo, Sony or Maxell CR2025. Danger of explosion or Risk of fire if the battery is incorrectly replaced.
 • Dispose of used battery promptly.
 • Keep away from children.
 • Do not disassemble and do not dispose of in fire.

For USA-California Only
 This product contains a CR Coin Cell Lithium Battery which contains Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate

WARNING:
 Batteries shall not be exposed to excessive heat such as direct sunshine, fire or the like.

(For owners in Canada)
 This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The ϕ /I button does not completely shut off mains power from the unit, but switches operating current on and off. " ϕ " shows electrical power standby and "I" shows ON.

 If this symbol is shown, it is only valid in the European Union.

Important Safety Instructions

- 1) Read these instructions.
 - 2) Keep these instructions.
 - 3) Heed all warnings.
 - 4) Follow all instructions.
 - 5) Do not use this apparatus near water.
 - 6) Clean only with dry cloth.
 - 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 - 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
 - 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
 - 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
 - 11) Only use attachments/accessories specified by the manufacturer.
 - 12) Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 
- S3125A
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
 - 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 - 15) Apparatus should not be exposed to dripping or splashing, and objects filled with liquids, such as vases, should not be placed on the apparatus.
 - 16) The socket-outlet must be installed near the unit and easily accessible.
 - 17) Turn off the power when connecting equipment.
 - 18) Do not use where there is condensation. Suddenly carrying the player from a cold location to a hot location may result in the formation of drops, which may cause a malfunction or failure.
 - 19) Do not insert or remove the plug when your hands are wet.
 - 20) Fully insert the plug into the outlet.
 - 21) Keep dust and metal objects away from the plug.
 - 22) Do not use when thunder can be heard.
 - 23) Do not use for any product other than this one.

Safety Precautions for SD Cards

Do not use the following SD cards.

- Damaged SD cards
- Unclean SD cards

Installation

Do not install in any of the following locations.

- Humid location
- Location of 60 °C or above
- Location subject to direct sunlight
- Location where overheating is likely
- Narrow place. When placing on a shelf leave 10 cm (4 inches) free space around the entire unit.
- Dusty or smoky locations
- Locations subject to oily smoke or steam such as a kitchen counter or beside a humidifier
- Unstable location
- Bathroom
- Dusty places
- Slanted location

ATTENTION:

On placing the unit:

Some TVs or other appliances generate strong magnetic fields. Do not place such appliances on top of the unit as it may cause picture disturbance.

When moving the product:

Press $\phi/1$ to turn off the power, and wait at least 30 seconds before unplugging the power cord. Then, wait at least 2 minutes before moving the product.

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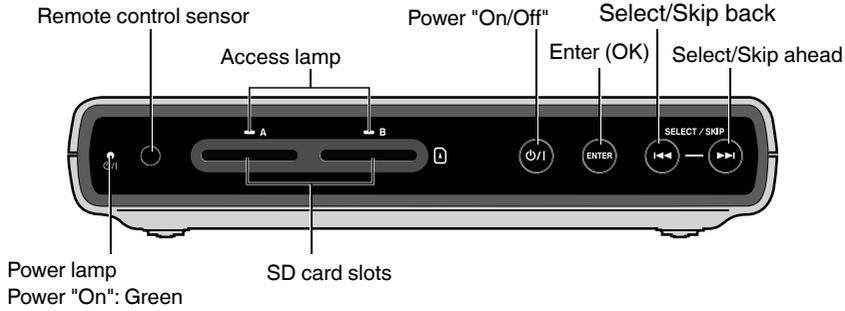
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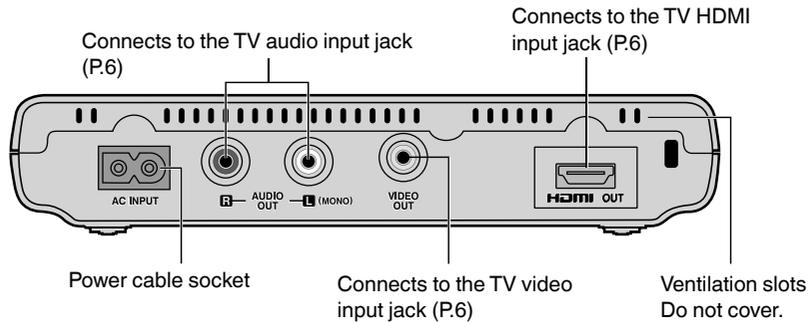
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Component Names and Functions

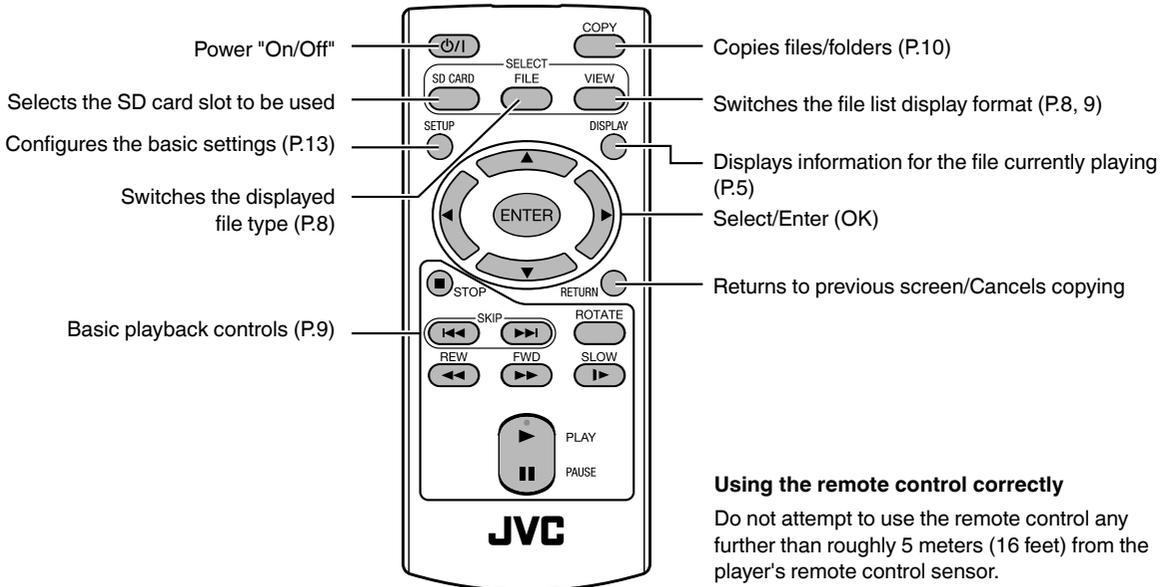
Player front panel



Player rear panel



Remote control



Using the remote control correctly

Do not attempt to use the remote control any further than roughly 5 meters (16 feet) from the player's remote control sensor.

The remote control may malfunction or fail to operate in the following situations:

- Where there is an obstacle between the player and the remote control.
- When the player's remote control sensor is exposed to a strong light, such as direct sunlight.

Remote Control Buttons

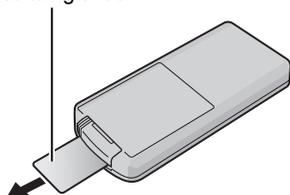
| Remote control button | | Details | | |
|--|------------------------|--|--|---|
| | | During movie playback | During music playback | During photo playback |
|  PLAY | Play | When playback is paused, fast-forward, reverse or slow, press this button to revert to normal playback. | When playback is paused, fast-forward or reverse, press this button to revert to normal playback. | When playback is paused, starts a slideshow. |
|  PAUSE | Pause | Pauses playback. • When playback is paused, you can advance the movie one frame at a time by pressing the SLOW button. | Pauses playback. | Stops a slideshow. |
|  STOP | Stop | Stops playback. • The Resume function allows you to restart playback from the point at which you stopped simply by pressing the PLAY button again. Turning the player off or removing the SD card resets the stop location in the Resume function. | Stops playback. • The Resume function allows you to restart playback from the point at which you stopped simply by pressing the PLAY button again. Turning the player off or removing the SD card resets the stop location in the Resume function. | Stops a slideshow. |
|  DISPLAY | Display | Displays information such as the playback mode on the screen. Press this button again to clear the display. | — | Displays information such as the playback mode on the screen. Press this button again to clear the display. |
|  FWD | Fast-forward | Fast-forwards playback. Each time you press this button, playback speed increases (without sound). | Fast-forwards playback. Each time you press this button, playback speed increases (without sound). | — |
|  REW | Reverse | Reverses playback. Each time you press this button, the reverse speed increases (without sound). | Reverses playback. Each time you press this button, the reverse speed increases (without sound). | — |
|  | Skip/Page (Skip ahead) | Displays the next movie. | Plays the next music track. | Displays the next photo. |
|  | Skip/Page (Skip back) | Plays the previous movie. | Plays the previous music track. | Displays the previous photo. |
|  | Select/OK | — | Select file or playback the selected file. | Use this button to set up a slideshow display interval. (P.9) |
|  ROTATE | Rotate | — | — | Rotates a photo 90° to the right. |
|  SLOW | Slow | Plays the movie in slow motion. Each time you press this button, the playback speed slows down. | — | — |

Note

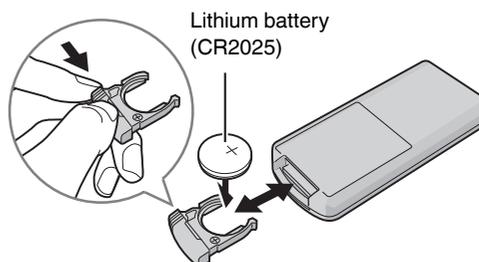
- You can skip chapters while fast-forwarding, reversing or slow-playing only if video files are recorded by AVCHD mode. (If you skip titles, it will be normal playing.)
- If remote control response speeds slow down, the battery may be flat. Fit a new battery in the remote control. Check that the ⊕ and ⊖ markings are oriented correctly as shown when inserting the new battery. (The battery life varies with usage, but should be approximately 1 year.)

■ The first time you use the remote control.

Pull out insulating sheet



■ When you replacing the battery.



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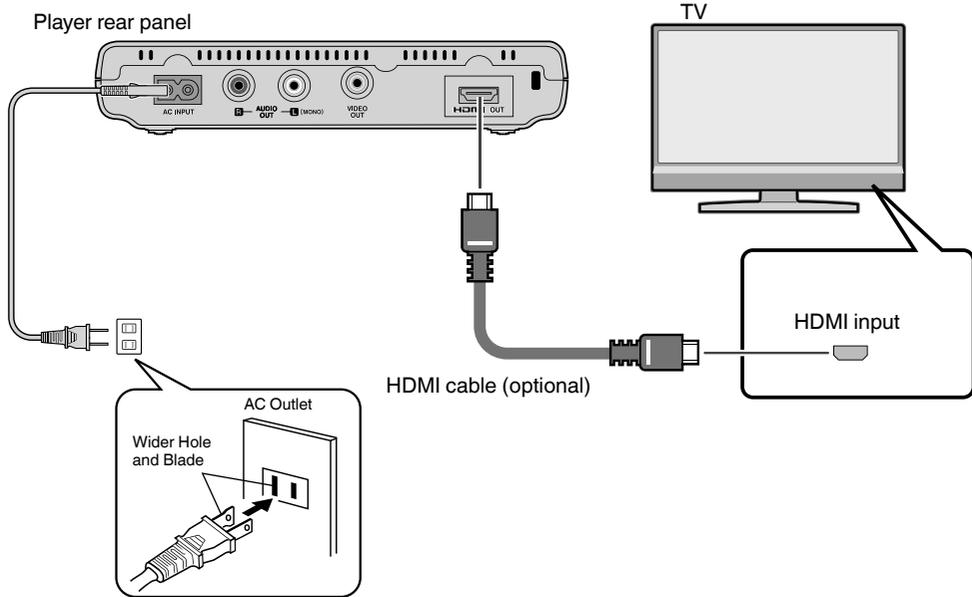
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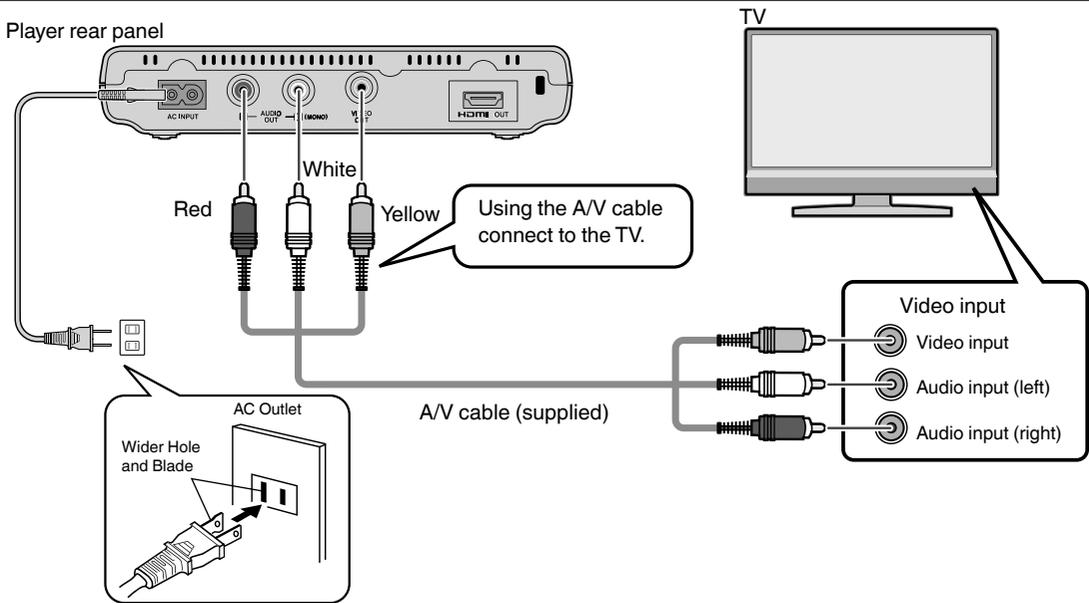
Connecting to a TV

Connecting the player to a TV equipped with an HDMI input jack



Note • To get the best possible image quality, we recommend using a Category 2 (high speed) HDMI cable.

Connecting the player to a TV equipped with AV input jacks



Basic Operation

Playback from an SD card

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You can play video shot on an Everio.

- 1 Turn the player on by pressing **power** (⏻/⏻).
 - The power lamp lights green and start-up screen appears on the TV screen.

(TV start-up screen)



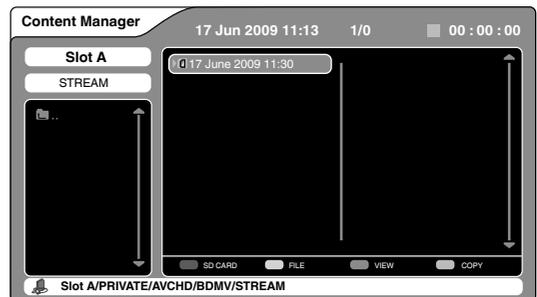
- 2 Insert an SD card into the SD card slot.
 - After a few seconds, the content menu appears on the TV screen.

(TV content menu screen)

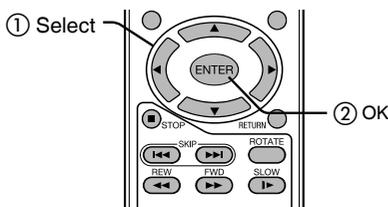
SD card slot A



- Push the card in until you hear a click.
- To remove the SD card, push it in again.



- 3 Use **▲/▼/◀/▶** to select a file and then press **ENTER**.



- To stop playback press **STOP**.
- A range of playback options are available using fast-forward, reverse, skip, slow, pause and single frame step.(P.5)
- To view photos Press **◀/▲** buttons on the remote control to select the UP folder icon and then select the DCIM folder.

And playback begins!

Selecting files and folders (choosing movies and photos)

SD cards containing content shot on a JVC Everio appear as folders, as shown in the figure on page 12.

The names of the folders currently in the folder appear in the folder list of the content menu.

Files currently in the folder appear in the file list.

Using the folder list

Folders inside the selected folder are displayed in the order that they are recorded on the SD card.

- To view the files in the selected folder, simply select the folder you want to look at, then press **ENTER**.

- To move up one level. Select the UP folder icon (⏪) and press **ENTER**.
- To move to the file list. Move the cursor by pressing the **▶**.
- If you press **DISPLAY** when the AVCHD format contents folder, SD-VIDEO format contents folder, or the DCIM folder is displayed, you can move to each folder.

Selecting files

Select files using **▲/▼/◀/▶**.

- When selecting the folder that appears at the very top of the folder list, press **▲** and the file at the very bottom of the file list will be selected. However, when no content can be displayed on the file list, the folder at the very bottom of the folder list will be selected.

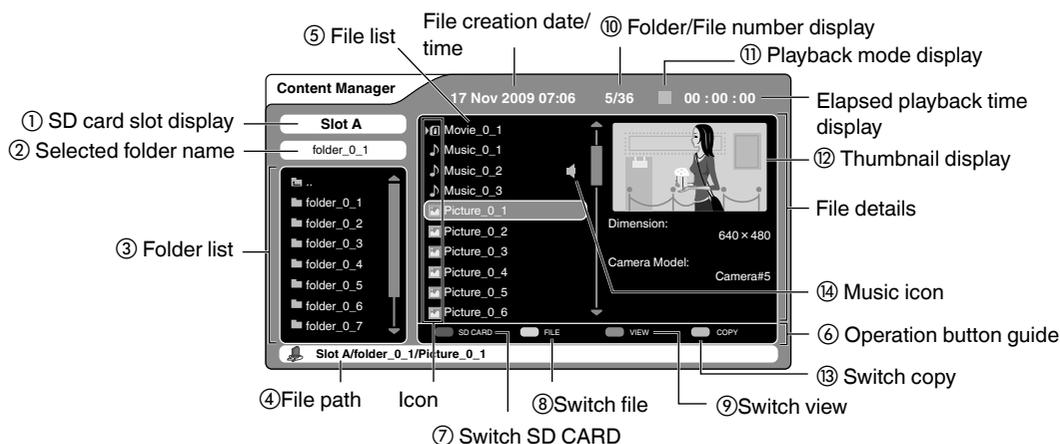
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Content Menu



Content menu

① SD card slot display

The slot currently displayed in the content menu.

② Selected folder name

The name of the folder that is currently selected.

③ Folder list

Shows the folders contained in the folder displayed in the selected folder name field listed in the order that they are recorded on the SD card. (Can display up to 100 folders)
If there are too many folders to fit in the displayed list, a scroll bar appears that allows you to view the folders not shown.

The folder shown at the top of the list is the UP folder icon. Select this icon and press **ENTER** to view the next level up.

④ File path

Shows the location of the currently selected file.

⑤ File list

Shows the files contained in the currently selected folder listed in the order that they are recorded on the SD card. (Can display up to 9,999 files. When there are a large number of files, it may take a while before these appear in the file list.)

You can choose to either display a thumbnail image in the field on the right, or show only the list. (P.9)

For SD cards with content shot on an Everio, movie files are listed first.

Shooting dates and times are also shown for SD cards containing content shot on an Everio.

If there are too many files to fit in the displayed list, a scroll bar appears that allows you to view the files not shown. If there are no files that can be shown, "No content..." is displayed.

You can choose one of the displayed files using **FILE**. (⑧ on the right)

⑥ Operation button guide

Indicates whether, depending on the condition of the player, the SD CARD, FILE, VIEW and COPY buttons of the remote control can be utilized or not.

- Grayed out buttons cannot be used.
- When the guide is the same color as the button, that button can be used.

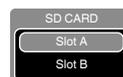
⑦ Switch SD CARD

This is only available when SD cards are inserted in the player.

If there is only an SD card in slot A or slot B, only the current slot is displayed and you cannot switch slots. You can switch slots when SD cards are inserted in both slots.

Press **SD CARD**, use **▲/▼** to select the slot containing the card you want to read and then press **ENTER** to switch slots.

After you switch slots, the player reads the slot information and displays it in the content menu.



⑧ Switch files

Use this to select the type of file displayed in the file list.

Press **FILE**, use **▲/▼** to select the file type and then press **ENTER** to switch the display mode.

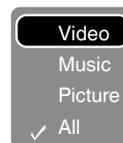
If there are no files of the specified type in the selected folder, "No content..." is displayed.

Video: Displays movie files.

Music: Displays music files.

Picture: Displays photo files.

All: Displays all the files. (Factory preset)



- Switch files is not possible when displaying AVCHD format or SD-VIDEO format video files.

⑨ Switch view

This allows you to choose whether thumbnails are displayed in the file list.

Press **VIEW** to switch views (P.9).

⑩ Folder/File number display

Displays the total number of items in the folder or file list along with the number of the currently selected folder or file.

Currently selected folder or file number/Total number of items displayed in the folder or file list

11 **Playback mode display**

Displays the current playback mode.

- ▶ Play Indicates normal playback mode.
- ▶▶ F-Search Indicates fast-forward mode. The speed is displayed side of the icon as a number of steps (+1, +2, +3 or +4).
- ◀◀ B-Search Indicates reverse mode. The speed is displayed side of the icon as a number of steps (-1, -2, -3 or -4).
- ▬ Resume Stop Indicates that playback is stopped but can be resumed.
- Stop Indicates that playback is completely stopped.
- ▬▬ Pause Indicates that playback is paused.
- ▶▶▶ F-Skip Displayed when has been pressed.
- ◀◀◀ B-Skip Displayed when has been pressed.

12 **Thumbnail display**

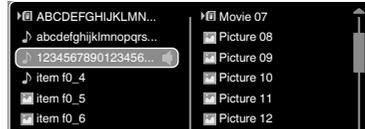
- Movies: The opening video image and the resolution are displayed.
- Photos: The photo, its resolution and the camera used to shoot it (if the information is available) are displayed.
- Music: A musical note icon, the album name, artist name and track length (if the information is available) are displayed.

13 **Switch copy**

Switches between All copy and Select copy.

14 **Music icon**

Appears during the time the music file is being played back. The file list can be moved while the music file is being played.



Switching the file list display format

You can switch the file list display mode by pressing **VIEW**. You can choose either list display or thumbnail display.

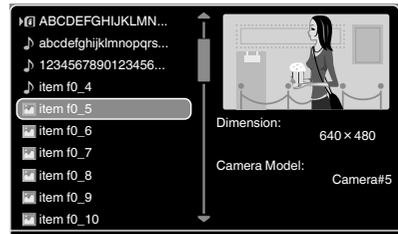
List display



VIEW

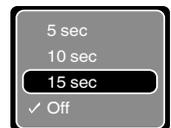


Thumbnail display



Setting the interval for photo slideshows

- 1 While a photo file is displayed, press **ENTER** or press **▲/▼/◀/▶**.
- 2 Use **▶** to select and then press **ENTER**.
- 3 Use **▲/▼** to select the slide show display interval and then press **ENTER**.
- 4 To omit from the slideshow setting screen, select and press **ENTER**.



Note

- Factory preset is Off ().
- To stop the slideshow, select "Off".
- The interval setting automatically reverts to "Off" when you turn the player off.



Simultaneously playback of photos and music files

- 1 Select a music file and press **ENTER** to play back the file.
- 2 Select a photos file and press **ENTER** to begin the slide show. You can now watch the slide show while listening to the music file.
- 3 Press **STOP** to stop playback of both the music and image files.

Note

- If you have selected a video or photos file while a thumbnail is displayed, playback of the current music file will be temporarily stopped. (If the list is displayed, no interruption of playback will occur.) To reinstate playback, press **PLAY**.
- If you press **PAUSE** during simultaneous playback, playback of the slideshow will be temporarily stopped without any simultaneous interruption to the playback of the music file.

Copying SD Cards

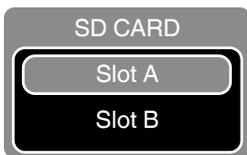
You can copy movies and photos recorded on an SD card in slot A to another SD card in slot B.

You can save movies you have shot onto an SD card in slot B. It's a good idea to save copies of movies that you want to keep. Cannot copy from slot B to Slot A.

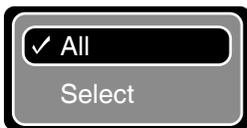
Copying the entire content of the copy source SD card (All copy)

Preparation Turn on the TV and the player.

- 1 Insert the SD card containing the files you want to copy (copy source) into slot A, and the destination SD card into slot B.
- 2 Press **SD CARD**, select Slot A using **▲ / ▼**, and press **ENTER**.

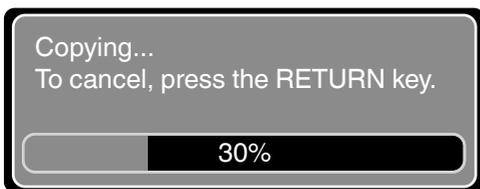


- 3 Press **COPY** and select "All".



- 4 Press **ENTER**, select "Yes" and then press **ENTER** again to start copying.

The "Copying..." message screen appears.



When copying ends, "Copy Complete!" is displayed.

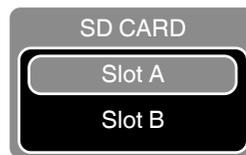
- To cancel copying Press **RETURN**, then press **◀/▶** to select "Yes" and press **ENTER**.

※ The copied data is erased, regardless of how much has been copied.

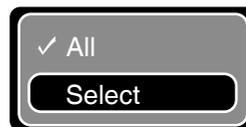
Copying selected content from the copy source SD card (Select copy)

Preparation Turn on the TV and the player.

- 1 Insert the SD card containing the files you want to copy (copy source) into slot A, and the destination SD card into slot B.
- 2 Press **SD CARD**, select Slot A using **▲ / ▼**, and press **ENTER**.



- 3 Press **COPY**, select "Select" and then press **ENTER**.



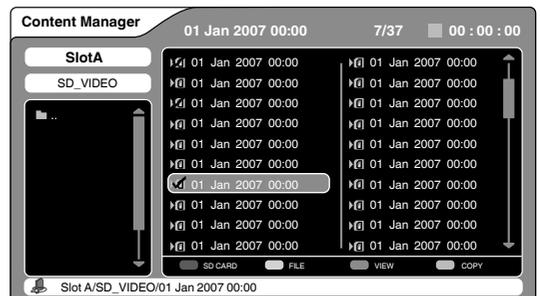
- Press **RETURN** when you want to cancel the command.

- 4 Use **▲/▼/◀/▶** to select the movie file or photo file you want to copy and then press **ENTER**.

A checkmark is placed on the selected file.

Repeat step 4 to select another file you want to copy.

- You can also select folders.
- Folders and files cannot be selected at the same time.
- Press **RETURN** when you want to cancel the command. (You can go back to step 3.)



- 5 Press **COPY**, select "Yes" and then press **ENTER** again to start copying. (Select "No" to go back to step 4.)

The "Copying..." message screen appears.

- To cancel copying Press **RETURN**, then press **◀/▶** to select "Yes" and press **ENTER**.

※ The copied data is erased, regardless of how much has been copied.

Copying SD Cards (continued)

Note

■ Copying all the files (All copy)

When you select "All" as the copy setting, the copied files may differ from the source, depending on the status of the destination SD card.

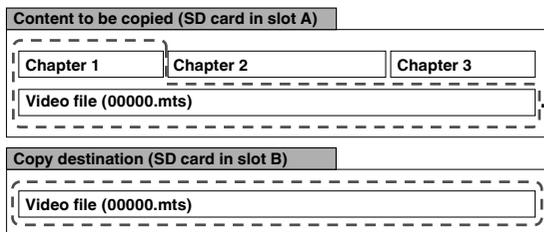
- 1 If there are no AVCHD-format or SD-VIDEO-format or DCF-format folders on the destination SD card (if the card has not been used in a camcorder or used for copying on the player)
⇒ Files are copied to the SD card of the copy destination in conformance with AVCHD, SD-VIDEO or DCF formats.
This will allow playback on AVCHD-format, SD-VIDEO-format and DCF-format media players (supported formats only).
- 2 If there are AVCHD-format or SD-VIDEO-format or DCF format folders on the destination SD card (if the card has been used in a camcorder or used for copying on the player)
⇒ Create a folder called CU_VS100 on the destination SD card and copy the data into that folder.
The files cannot be played on an AVCHD-format or SD-VIDEO-format or DCF-format media player.
* There will be no problems playing the files on this player.

To use the SD card containing the copied data on another media player, copy the data onto a new SD card.

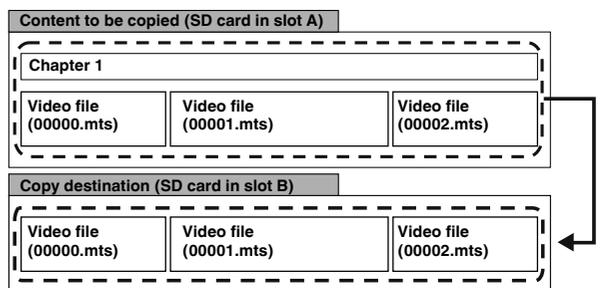
■ Copying selected files (Select copy)

- When a file with an AVCHD format has been copied, it may be handled as indicated below.

A file partially copied by Everio that has been copied by the player.



A file that has created a play list by means of Everio, and which has been copied by the player.



■ Copying photos (DCF-format)

- 1 To copy DCF-format photos.
If there are no folders recorded in the AVCHD-format or SD-VIDEO-format on the SD card.
You can copy the photos using the procedure described on page 10.
 - Recorded photos by Everio are located in a "XXXJVCSO" inside the DCIM folder (P.12).
 - ※ XXX is a sequential number starting from 100.
 - ※ The name of the folder inside the DCIM folder varies depending on the brand of camera used to take the photos.
Refer to the instruction manual for the camera used to take the photos.
 - DPOF information cannot be copied.
 - If there is no DCIM folder on the destination SD card, the folders and files are copied into a new DCIM folder.
 - If there is already a DCIM folder on the destination SD card, a folder with a 4-digit number starting from 0001 as the name is created inside the CU_VS100 folder, and the folders and files inside the DCIM folder on the copy source are copied into that folder.

■ Copying movies, photos and sound files with non-standard folder configurations

- 1 Copying all the files.
For each folder structure containing file formats supported by this player, a folder with a 4-digit number starting from 0001 as the name is created inside the CU_VS100 folder on the destination SD card and the folder structure is copied into that folder.
- 2 Copying selected files.
A folder with a name consisting of a 4-digit number starting with 0001 is created inside the copy destination CU_VS100 folder, and the files and folders that have been selected are copied into this folder.

※ Refer to the specifications for information on the file formats supported by this player (P.19).

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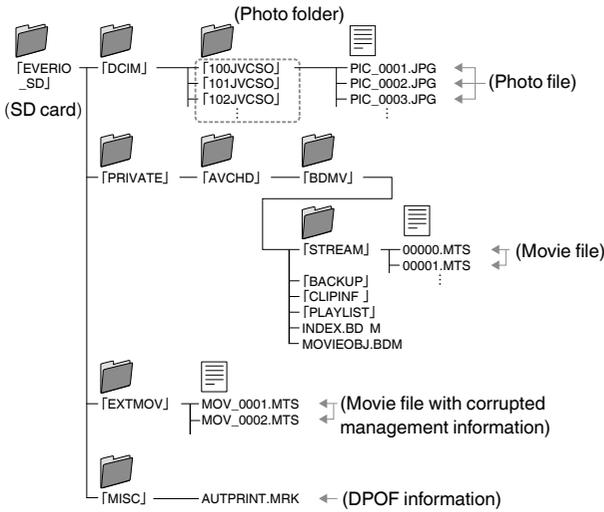
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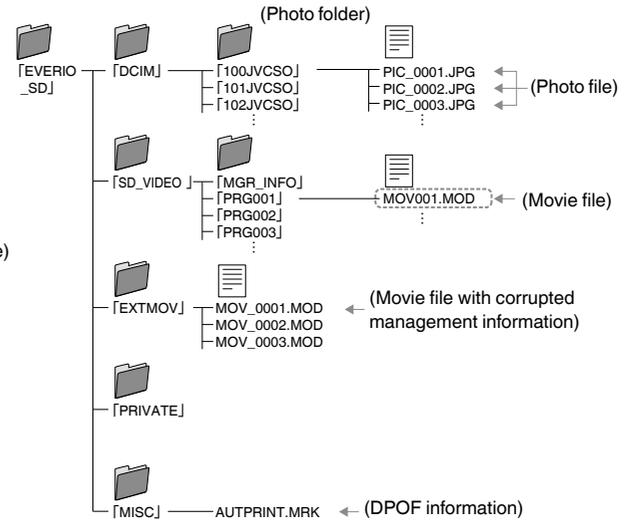
PT

Folders and Files on an SD Card

For an AVCHD-format camcorder

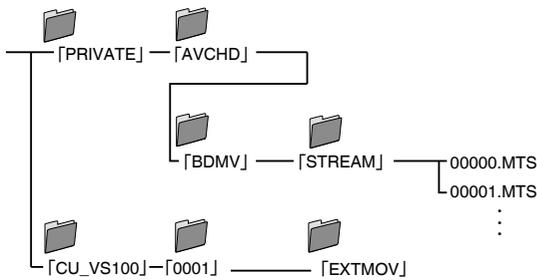


For an SD-VIDEO-format camcorder

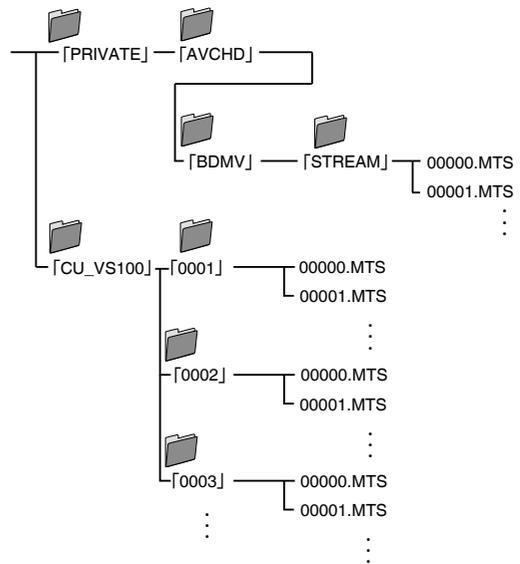


Folders and files copied on this player

When AVCHD-format camcorder movies are first copied

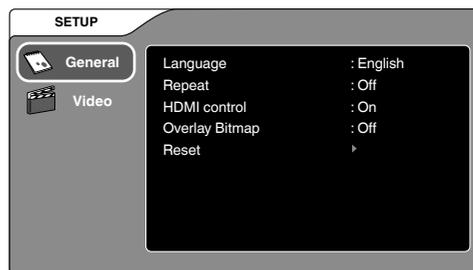


When AVCHD-format camcorder movies are copied multiple times



Configuring the Player Settings

- 1 Press **SETUP** to display the SETUP menu.
- 2 Use **▲/▼** to select the type of settings and then press **▶**.
- 3 Use **▲/▼** to select a setting item and then press **ENTER**.
- 4 Use **▲/▼** to configure the setting and then press **ENTER**.



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| Type | Item | Setting | Details |
|---------|-------------------------|------------------------------------|--|
| General | Language | | For specifying the language to be displayed for SETUP menu screen and others. "English" is set as the default language. (English / Français / Deutsch / Español / Italiano / Nederlands / Português / Русский / 中文) |
| | Repeat* ¹ | Off | Repeat playback is disabled. |
| | | On | Plays all the files in a folder repeatedly. <ul style="list-style-type: none"> • Repeat plays only files of the same type as the selected file. • Linked repeat playback can also be used running from SD card slot A to SD card slot B, but this only applies for movie files recorded in AVCHD format. |
| | HDMI control | On/Off | See page 14. |
| | Overlay Bitmap | On/Off | Turns AVCHD Overlay Bitmap* ⁴ display on and off. |
| | Reset | | Restores the settings in place when you purchased the player. |
| Video | TV Screen* ² | 4:3/16:9 | Sets the screen size to match that of the connected TV. (When the TV screen size is fixed, images are displayed using the TV's settings regardless of the setting selected on the player.) |
| | Color System | NTSC | Forcibly converts files to the NTSC system for playback. |
| | | PAL | Forcibly converts files to the PAL system for playback. This setting should not normally be used. |
| | HDMI | 480i/480p/ 720p/1080i/ 1080p | Displays images at the selected resolution. |
| | | Auto - 480p * ³ | Outputs the recommended TV resolution. |

Note

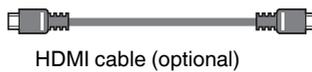
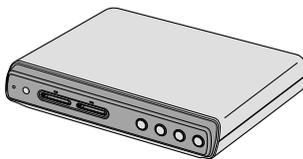
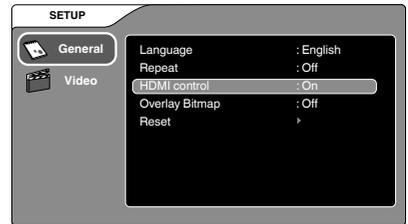
- *¹ Some files may not be included in repeat playback.
- *² Depending on the video being played, changing the setting may have no visible effect.
- *³ The TV resolution is displayed. (480p is just an example.)
- *⁴ When this content consists of Everio photo images, the date and time of the photo will be displayed in the lower right-hand side of the screen when the file is played back.

HDMI Linked Operation with a TV

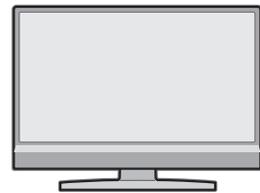
Using an HDMI cable to connect the player to TV that supports HDMI CEC-compliant linked operation allows you to use the convenient functions outlined below.

Preparation

- Connect the player to the TV using an HDMI cable (P.6).
- Turn on the TV and set "HDMI control" in the Setup menu to "On" (actual menu and item names differ depending on the TV used).
- Turn on the player and set "HDMI control" in "General" in the SETUP menu to "On" (P.13).



HDMI cable (optional)



Procedure 1

- Insert an SD card (Turn the player on beforehand.)
- The TV input automatically switches to HDMI input. (Turn the TV on beforehand.)

Procedure 2

- The player automatically turns off.
- Turn off the TV.

Note

- Depending on the connected TV, turning on the player may automatically turn on the TV and switch it to HDMI input.
- If a device such as an amplifier or selector is connected, it may malfunction. Set "HDMI control" to "Off".
- HDMI CEC (Consumer Electronics Control) is an industry standard that allows interlinked operation between compatible devices when they are connected via an HDMI cable.
- Not all HDMI-compatible devices are compliant with the HDMI CEC standard. If the connected device is not HDMI CEC-compliant, the HDMI control function on the player will not work.
- The player is not guaranteed to work with all HDMI CEC-compliant devices.
- Even among HDMI CEC-compliant devices, the functionality provided differs depending on the specifications of the particular device. Accordingly, some of the functions linked with this device may not work. (Refer to the instruction manual provided with your TV.)
- With some connected devices, the interlinked functions may not operate as intended. If this occurs, set "HDMI control" to "Off".

Caution

- Once the power cable has been disconnected, the player will not operate even if "HDMI control" is set to "On". Turn the player back on by pressing the power button.

Troubleshooting

Before you request repairs, check the items in the table below once more.

If there is still a problem, contact the store where you purchased this product or your nearest JVC service outlet.

■ If the player is malfunctioning, reset the player.

1. Turn the **power** off by pressing and holding **power** (⏻) on the player for at least 10 seconds.
2. Press the **power** (⏻) to turn the player back on.

| | Problem | Solution |
|---|---|--|
| General | The player won't turn on. | <ul style="list-style-type: none"> ● Ensure that you are using the special power cable provided and that it is connected correctly. (P.6) |
| | The player won't work. | <ul style="list-style-type: none"> ● Press and hold power (⏻) on the player for at least 10 seconds to reset the player. (The player automatically turns off.) |
| | The screen freezes during SETUP. | |
| | The player or its power cable is warm. | <ul style="list-style-type: none"> ● If used for an extended period, the player and its power cable become warm. This is normal and does not indicate a fault. ● If the player or power cable becomes abnormally hot, disconnect the power cable and contact the store where you purchased this product or your nearest JVC service outlet. |
| Playback | There is no image on the TV. | <ul style="list-style-type: none"> ● Connect the player to the TV. (P.6) ● On a TV equipped with A/V input jacks, switch to the external input for the connection with the player. ● The content type is not supported by the player and is not recognized. ● Review the resolution setting. (P.13) ● Press and hold the player's power (⏻) and SKIP (▶▶) for at least 2 seconds to reset the player. (The player automatically turns off.) |
| | It takes a time to start playing. | <ul style="list-style-type: none"> ● It may take some more time to start playing long recorded movies or large sized images. |
| | The image is disrupted during reverse or fast-forward playback. | <ul style="list-style-type: none"> ● The image may become disrupted during the change in playback speed when you switch speeds. This is normal and does not indicate a fault. |
| | The TV switches input automatically when the player is played. | <ul style="list-style-type: none"> ● This is caused by the operation of the HDMI-CEC control function. To disable this function, set "HDMI control" to "Off" in the SETUP menu. (P.13) |
| | The TV turns off when this player is turned off. | |
| This player functions when the TV's remote control is being operated. | | |

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Message displayed

| Problem | Solution |
|--|---|
| This operation may cause the screen not to display. Do you want to continue? | ● This is displayed when you change the Color System setting. |
| Color system has changed. Do you want to save these settings? | |
| This operation may cause the screen not to display. Do you want to continue? | ● This is displayed when you change the HDMI resolution. |
| Video resolution has changed. Do you want to save these settings? | |
| Do you want to start copying? | ● Select "Yes" to begin copying. |
| Content with the same format was found at the copy destination. The newly-copied content may not be played with other devices if you continue copying. Do you want to start copying? | ● There is an AVCHD, SD-Video or DCF folder on the copy destination SD card in slot B. If you select "Yes", the content may be saved in another folder. See page 12 for details. |
| The SD Card in Slot B cannot be recognized. Do you want to format the card? | ● An SD card that has been formatted in something other than the FAT32 file system is loaded in slot B. If it is okay to purge the data in the SD card and reformat it, select 'Yes'; if you do not want to purge the data, select 'No'. Insert another SD card if you choose not to purge the data on the first SD card. |
| Do you want to cancel copying? | ● Select "Yes" to cancel copying. |
| Copy Complete! | ● Select "OK" to return to the normal screen. |
| Copying has been cancelled. | |
| Format complete. | |
| No SD Card is inserted. | ● Insert an SD card into SD card slot A or B. |
| The SD Card in Slot A cannot be recognized. | ● An SD card that has been formatted in something other than the FAT32 file system is loaded in slot A. Insert an SD card that has been properly formatted. |
| The SD Card in Slot B is locked. | ● Unlock the SD card in slot B. |
| There is not enough memory space on the card. | ● There is not enough free space on the SD card in slot B. Insert a different SD card. |
| The number of folders exceeds the limit. | ● There are 100 or more folders in the "CU_VS100" folder on the SD card in slot B. Using a computer or similar device, set the number of folders to 100 or less, or insert a different SD card. |
| There is not any content to be copied. | ● Insert a different SD card. |
| Select the content to be copied. | ● No content has been selected for "Select copy". Select the content you want to copy. |
| Copy Error | ● Redo the copy procedure or insert a different SD card. |
| Format Error | |
| Formatting... | ● Processing will take a short time. |
| The content is not compatible. | ● This content cannot be played. When you play the following content, press ENTER in your remote controller and select OK. If you want to choose another content, press STOP in your remote controller and go back to contents menu. |
| CARD INSERTED | ● Displayed when an SD card is inserted. |
| CARD EJECTED | ● Displayed when an SD card is removed. |
| ⊗ | ● Indicates an action that cannot be performed. |

Caution

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For more information, please consult with MPEG LA, LLC (<http://www.mpegla.com>), an American corporation.

Disclaimers

JVC accepts no liability whatsoever for any loss of data.

Condensation

The water droplets that form on the outside of a glass of cold water are called "condensation". Condensation that causes water droplets to form inside the player or on an SD card can cause malfunctions.

- Note that the following situations can lead to condensation:
 - Taking the player from a cold place into a warm room
 - Heating the room very suddenly
 - Placing the player directly into a cold air flow (e.g. from an air-conditioner)
 - Placing the player in a very humid location
- If you think condensation is likely to occur, take out the SD card and turn on the power of the player in advance. The resulting heat that is generated inside the player will discourage the development of condensation.

Daily Care and Cleaning

Always disconnect the power cable before cleaning the player.

- Wipe off dust, etc. using a soft dry cloth. Note that excessive dust build-up around the mains power outlet poses a smoke or fire hazard.
- When the player is extremely soiled, soak a rag in diluted mild detergent, wring the rag out thoroughly and use to wipe the player clean. Then use a dry cloth to wipe off any remaining moisture.
- Do not subject the remote control or player to strong impacts or force during cleaning.

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Displaying Photos

Still image sizes can be displayed with following restrictions.

| | | No. of horizontal pixels | | |
|------------------------|------------------------------|--------------------------|-----------------------------|---------------|
| | | 31 or less | 31 or more to 6,048 or less | 6,049 or more |
| No. of vertical pixels | 31 or less | - | - | - |
| | 32 or more to 10,000 or less | - | ✓ ※ 1 | - |
| | 10,001 or more | - | ✓ ※ 1 | - |

*1: Images with more than 24 megapixels in total are not displayed.

*2: Still images that have larger sizes than HDMI resolution settings will be automatically adjusted with the display size.

Specifications

| | |
|---------------------------|--|
| External dimensions | 193 x 36 x 148 mm (W x H x D) |
| Weight | Approx. 490 g (not including power and dedicated connection cables) |
| Power source | AC110V - 120V, 50Hz/60Hz |
| Operating environment | Permissible operating temperature: 5°C to 40°C Permissible storage temperature: -20°C to 60°C |
| Supported SD cards | SD/SDHC See P.19 for details. |
| Video output jacks | 1.0 V, 75 Ω (pin-jack) |
| Audio output jacks | 2.0 Vrms (pin-jack) |
| HDMI output jack | 19-pin Video: 1080p/1080i/720p/480p/480i (compatibility with DVI-D not guaranteed) Audio: 2-ch PCM/bitstream |
| Power consumption | 7.5 W (110-120V AC) |
| Standby power consumption | 0.3 W (110-120V AC) |

Photos and figures in the manual use emphasis, omission and merging to make explanations easier to understand.

As such, they may differ slightly from the actual product.

The product appearance and specifications are subject to change without prior notice.

A ratings label is affixed to the underside of the player.

This player is equipped with 2 SD card slots. The functions of the slots are shown below.

| SD card slot | Playback | Formatting | Append (copy) | File deletion | File editing |
|--------------|----------|----------------|---------------|---------------|--------------|
| A | ○ | × | × | × | × |
| B | ○ | ○ (FAT32 only) | ○ | × | × |

■ Playable file types

| Movies | | | |
|----------|---------------------|--------------------------|----------------------------------|
| Format | File extension | Format restrictions | |
| AVCHD | .m2ts or .mts | (Video) MPEG-4 AVC/H.264 | (Audio) Dolby Digital |
| SD-Video | .tod | (Video) MPEG-2 TS | (Audio) MPEG-1 Audio Layer2 2 ch |
| | .mod, .mpg or .mpeg | (Video) MPEG-2 PS | (Audio) Dolby Digital |
| H.264 | .mov | (Video) MPEG-4 AVC/H.264 | (Audio) AAC |

| Music | | |
|--------|----------------|------------------------------|
| Format | File extension | Format restrictions |
| WAV | .wav | Sampling: 44.1 kHz |
| MP3 | .mp3 | Sampling: 32, 44.1 or 48 kHz |

| Photos | | |
|--------|----------------|----------------------------------|
| Format | File extension | Format restrictions |
| JPEG | .jpg or jpeg | Maximum resolution: See page 18. |

- Note**
- Progressive JPEG files cannot be played back.
 - Playback is not guaranteed for all files.

■ Recommended SD cards

| | | |
|---------|------------------|------------------------------------|
| SD/SDHC | Manufacturer | Panasonic, Sandisk, Toshiba or ATP |
| | Maximum capacity | 2 GB (SD) or 4 to 32 GB (SDHC) |
| | Class | 4 or 6 |

- Note**
- Use of this player may not be possible or optimal performance may not be achieved depending on the SD card used. We suggest using the recommended SD cards.

JVC