JVC

CU-VD40
AA/AC/AG

DVD Burner
INSTRUCTIONS

DVD 刻录机
使用说明书

DVD RW/R **RW 2** **COMPACT disc**

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE **DOLBY DIGITAL**
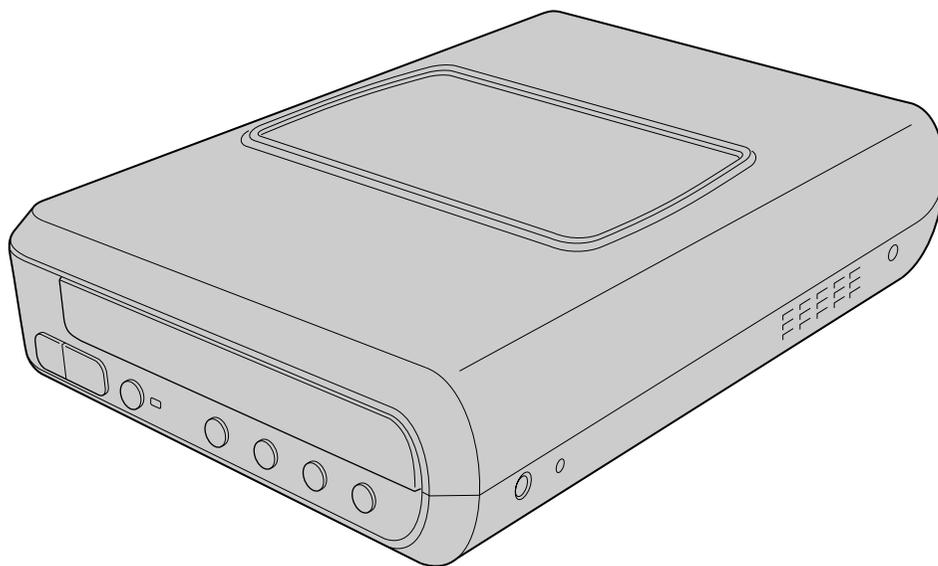
Enjoy High Definition Images Copied to DVDs!

Copying to DVD

1 *Connect.*

Audio/Video cable
(provided)

USB
(provided)
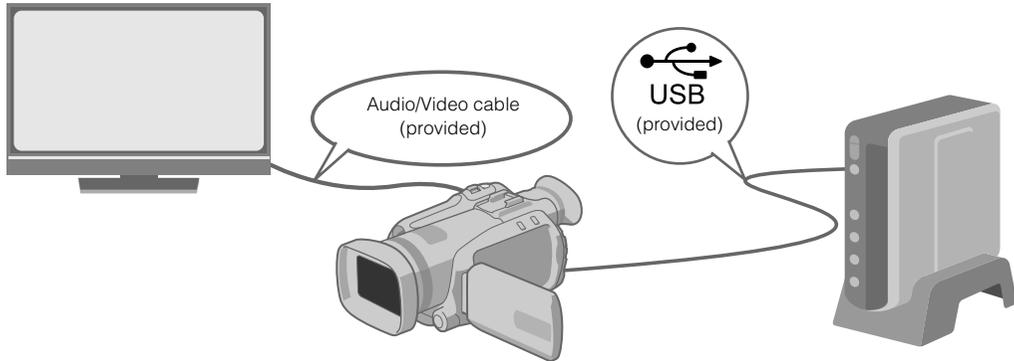
2 *Select the desired copy method.*

The following 6 methods of copying are available.

Methods of copying	Types of copy operation		GZ-HD7 instruction manual
Copy all (NORMAL BACK-UP)		Copy all images shot.	☞Page 48
		Copy only newly shot images.	☞Page 48
Copy only favourite scenes (SELECT BACK-UP)		Search and copy by date.	☞Page 49
		Search and copy by scenes.	☞Page 49
		Search and copy by events.	☞Page 49
		Copy using playlists.	☞Page 49

● The date for videos created from playlists will be the same as the date the DVD is created.

3 *Copy to DVD.*

● For details on finalising, refer to pages 48 to 50 of the GZ-HD7 instruction manual.
● Time taken for copying will be long if there are a large number of files.


```
                          DVD       5
                          DVD(DL)   3

              EXECUTE
         EXECUTE AND FINALIZE
              CANCEL
    ⊕SELECT ⊕SET    MENU:TOP
```

Select and set on "EXECUTE AND FINALIZE".

● Additional recordings are not possible after finalising.

To add new recordings

● Select and set on "EXECUTE" instead of "EXECUTE AND FINALIZE".
● Discs that are not finalised cannot be played back on PC or this burner.
  To play back, connect as shown in the diagram above, and refer to pages 48 to 50 of the GZ-HD7 instruction manual.

Viewing Images Copied to DVD on the TV

1 *Connect.*

Audio/Video cable
(provided)
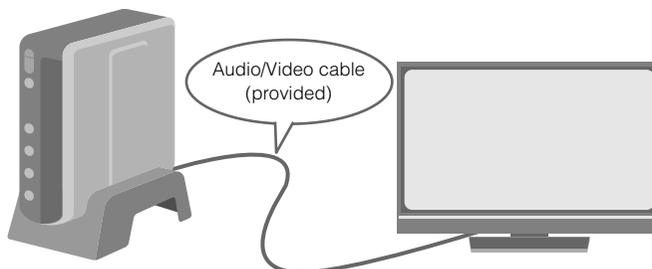
① Disconnect the USB cable and turn off this burner.

② Connect the burner to the TV.

● To view high definition images, connect using an optional HDMI cable or component video cable.

2 *Play back.*

① Turn on the burner.

● Confirm that the power lamp is lighted in orange. If the lamp is not lighted in orange, disconnect the USB cable then turn off and on the power again.

Approx. 20 seconds later

② Press the open/close (▲) button to eject the tray.

③ Insert a finalised disc.

④ Press the open/close (▲) button to close the tray.

● The following screen appears.

PLAY VIDEO   PLAY IMAGE

⑤ Play back.

● For details on playback, refer to page 15 of this instruction manual.

Before erasing data from GZ-HD7

● Confirm that the data has been copied to DVD before erasing.

3

This burner enables DVDs of videos recorded with the JVC Hard Disk Camera to be created without using a PC.

● If you want to edit videos recorded with the camera and create your original DVDs, use the software provided with the camera for editing and creating DVDs.
● The provided data writing software Power2Go 5.5 Lite can be used for writing data. However, it cannot be used to edit videos or create DVDs.
● The burner does not include support for Macintosh.

Dear Customer,
Thank you for purchasing this burner. Before use, please read the safety information and precautions contained in pages 4 and 5 to ensure safe use of this product.

Safety Precautions

IMPORTANT:
In the event that any of the following occur, remove the plug and make a request for repair to the dealer.
● Smoke or abnormal odour is emitted
● Damage from being dropped
● Water or an object enters inside

CAUTION:
A UNIT IS A CLASS 1 LASER PRODUCT. HOWEVER THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE UNIT CORRECTLY AS INSTRUCTED.
WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.
CLASS 1 LASER PRODUCT
REPRODUCTION OF LABELS
WARNING LABEL INSIDE OF THE UNIT

CAUTION	ATTENTION	ADVARSEL	ADVARSEL	VARO!	VARNING
CLASS 1 M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.	EMET UN RAYONNEMENT LASER DE CLASSE 1 M LORQUE OUVERT, NE PAS REGARDER DIRECTEMENT À TRAVERS DES INSTRUMENTS D' OPTIQUES. (FR)	KLASSE 1 M - LASERSTRÅLING NÅR ÅPNET, IKKE SE DIREKTE INN I OPTISKE INSTRUMENTER. (NO)	KLASSE 1 M LASERSTRÅLING NÅR APPARATET ÅBNES, KIG IKKE DIREKTE PÅ STRÅLEN MED OPTISKE INSTRUMENTER. (DA)	LUOKAN 1 M LASERSÄTEILY LAITTEEN SISÄLLÄ, ÄLÄ KATSO SÄTEESEEN SUORAAN OPTISILLA LAITTEILLA. (FI)	KLASS 1 M LASERSTRÅLNING NÄR DEN ÄR ÖPPEN, TITTA INTE DIREKT PÅ DEN MED OPTISKA INSTRUMENT, (SW)
CAUTION LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. (EN)					LP41334-001A

This unit applies to the standard "IEC60825-1:2001" for laser products.

The socket-outlet shall be installed near the equipment and shall be easily accessible.

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 disc. After checking the disc, operate the unit as usual.

CAUTION:
To avoid electric shock or damage to the unit, first firmly insert the small end of the power cord into the AC Adapter until it is no longer wobbly, and then plug the larger end of the power cord into an AC outlet.
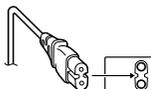
If malfunctioning occurs, stop using the unit immediately and consult your local JVC dealer.

● FOR USE WITH MODEL NO. AP-V400U (AC ADAPTER).
• 043-124000-I2 (AC Adapter) is also available for customer using CU-VD40AC/AG.

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℃ or incinerate.
Replace battery with Panasonic (Matsushita Electric), 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.

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

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

Safety Precautions for the Burner

Be sure to observe the following precautions. Failing to do so may result in electric shock, fire, injury, or malfunction.
● Do not disassemble, dismantle, or modify the equipment. Requests for repair and inspection should be made to the dealer.
● Do not insert metal or combustible objects or pour water or other liquids inside the burner.
● Turn off the power when connecting equipment.
● Remove the plug when the burner will not be used for a prolonged time or prior to cleaning (electricity flows through the equipment even when the power is off).
● Do not block the ventilation holes of the burner.
● Do not use where there is condensation. Suddenly carrying the burner from a cold location to a hot location may result in the formation of drops, which may cause a malfunction or failure.
● Do not cause the burner to vibrate when discs are in.

Safety Precautions for Accessories

● When using the AC adapter, the power cord, and the USB cable, be sure to observe the following precautions. Failing to do so may result in electric shock, fire, injury, or malfunction.
  • Do not insert or remove the plug when your hands are wet.
  • Fully insert the plug into the outlet.
  • Keep dust and metal objects away from the plug.
  • Do not damage the cord.
  • Place the cord where it will not trip someone up.
  • Do not use when thunder can be heard.
  • Do not dismantle.
  • Do not use for any product other than this one.
● Do not play the provided CD-ROM with an audio player. Doing so may damage the circuits or speakers.

Safety Precautions for Discs

Do not use the following discs.
● Cracked discs
● Deeply scratched discs

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
● 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 I/⏻ 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.

Cleaning Procedure

IMPORTANT:
● Be sure to unplug the burner before beginning cleaning.
● Do not use liquid or aerosol cleaners.
● Ensure that no moisture or liquid comes into contact with the drive during cleaning.

Exterior of the Burner:
Wipe dirt off with a dry cloth.

Disc Tray:
Wipe off dirt with a soft dry cloth.

Disc:
Gently wipe from the inner edge to the outer edge with a soft cloth.

Storage:
Make sure that discs are kept in their cases. If discs are piled on top of one another without their protective cases, they can be damaged. Do not put discs in a location where they may be exposed to direct sunlight, or in a place where the humidity or temperature is high. Avoid leaving discs in your car!

Region Codes

Region codes are numbers for restricting DVD video playback. The world is separated into six regions and each region is identified by a number. If the number for a disc does not match the number for the player, the disc cannot be played on the player. (The initial region code is indicated on the label on the bottom of the burner.)

Disclaimer

JVC accepts no liability whatsoever for loss of data resulting from inappropriate connections or handling.

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● Other company and product names mentioned herein are registered trademarks and/or trademarks of their respective holders.

Contents

DVD Burner

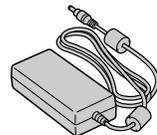**CU-VD40**

ENGLISH

Getting Started

Accessories

Power cord
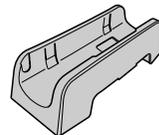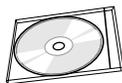
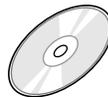USB cable

Audio/Video cable

AC adapter (AP-V400U*)

Stand

Remote control (RM-V41U)

DVD-ROM

Recording disc (DVD-R DL)
(For use with high definition Everio Camera.
Cannot be used with an Everio Camera.)

Lithium Battery (CR2025)
Pre-installed in the remote control unit.

CAUTION:
● Do not use the provided AC adapter and power cord with other devices. In addition, do not use AC adapter, power cord and USB cable other than those provided with this burner. Doing so may result in electric shock or fire.

NOTE:
* 043-124000-I2 (AC adapter) is also available for customer using CU-VD40AC/AG.

Placing the Burner

■ Horizontal orientation

● Take note of the top and bottom of the burner and place it in the horizontal orientation.

■ Vertical orientation

● When using in the vertical orientation, align the vent of the burner with that of the provided stand, then place and fix the burner securely on the stand.
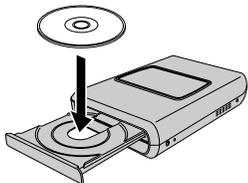
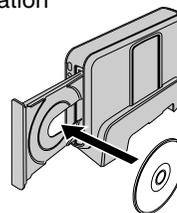Bottom surface

Stand (provided)

Vent
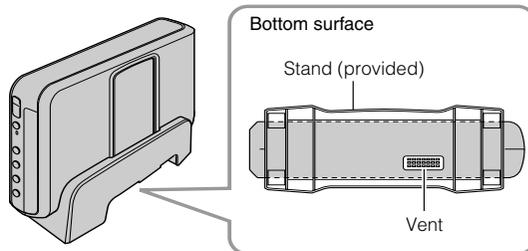
Inserting a Disc

When handling a disc, be sure not to touch the playback/recording side of the disc.

Use only the [⏏] button on the burner or the remote control to eject the disc tray. If you open the tray manually, there is a risk of the disc dropping out or getting caught.
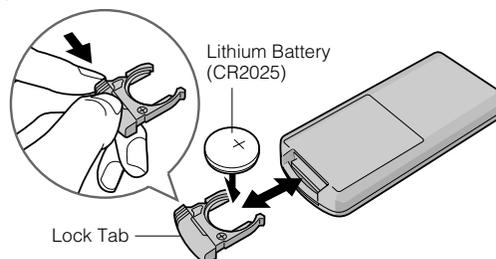
■ Horizontal orientation

■ Vertical orientation

Preparing the Remote Control

A battery is included inside the remote control at the time of purchase. Remove the insulation sheet before use.
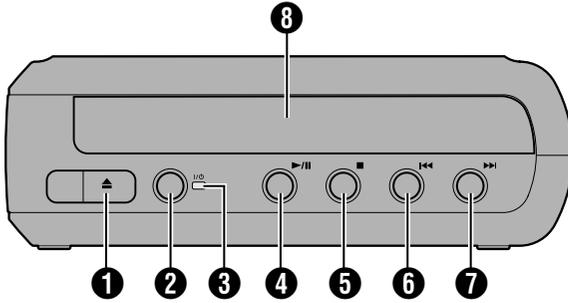
■ To Reinsert the Battery

● Pull out the battery holder by pressing the lock tab.

Lithium Battery (CR2025)

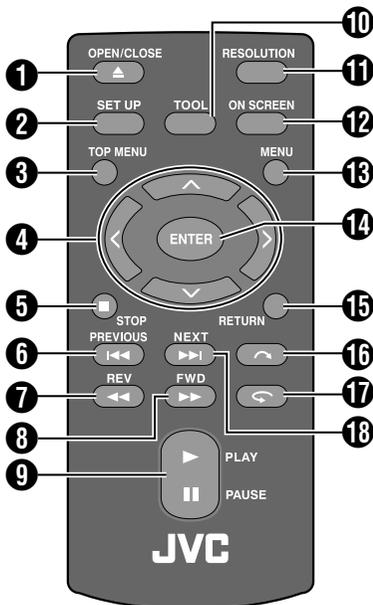Lock Tab

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Guide to Parts and Controls

Front

❽

① Open/Close Button (⏏)
② Power Button (❘/⏻)
③ Power Lamp
　Green light:
　　When connected to Everio camera or
　　PC.
　Orange light:
　　During playback.
④ Play/Pause Button (▶/❚❚)
⑤ Stop Button (■)
⑥ Previous Button (◄◄)
⑦ Next Button (►►❘)
⑧ Disc Tray

① ② ③ ④ ⑤ ⑥ ⑦

Rear

❸ **❺**

COMPONENT VIDEO OUT
P_B P_B Y

HDMI
R L VIDEO
AUDIO

① ② ④ ⑥ ⑦
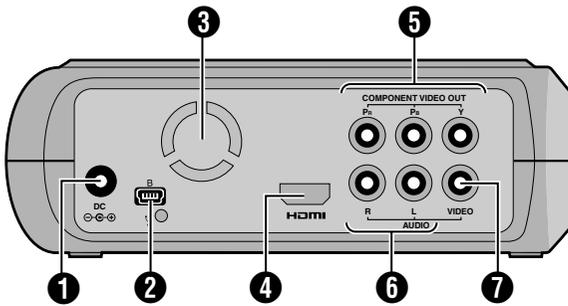
① DC Connector
② USB Connector
③ Cooling Fan
④ HDMI Terminal
⑤ COMPONENT VIDEO OUT Connectors
⑥ AUDIO Output Connectors
⑦ VIDEO Output Connector

Remote control

OPEN/CLOSE RESOLUTION **❿**
SET UP TOOL ON SCREEN
TOP MENU MENU
ENTER
STOP RETURN
PREVIOUS NEXT
REV FWD
PLAY
PAUSE
JVC

① OPEN/CLOSE Button (⏏)
② SET UP Button
③ TOP MENU Button
④ Selection keys (∧/∨/⟨/⟩)
⑤ STOP Button (■)
⑥ PREVIOUS Button (◄◄)
⑦ REV Button (◄◄)
⑧ FWD Button (►►)
⑨ PLAY/PAUSE Button (▶/❚❚)
❿ TOOL Button
⑪ RESOLUTION Button
⑫ ON SCREEN Button
⑬ MENU Button
⑭ ENTER Button
⑮ RETURN Button
⑯ Skip Button (⤻)
⑰ Replay Button (⤺)
⑱ NEXT Button (►►❘)

Connecting to TV

To view high definition images, connect using an optional HDMI cable or component video cable.

Connecting to a TV with HDMI Input Terminal

■ TV

■ This burner

HDMI

HDMI cable (not provided)
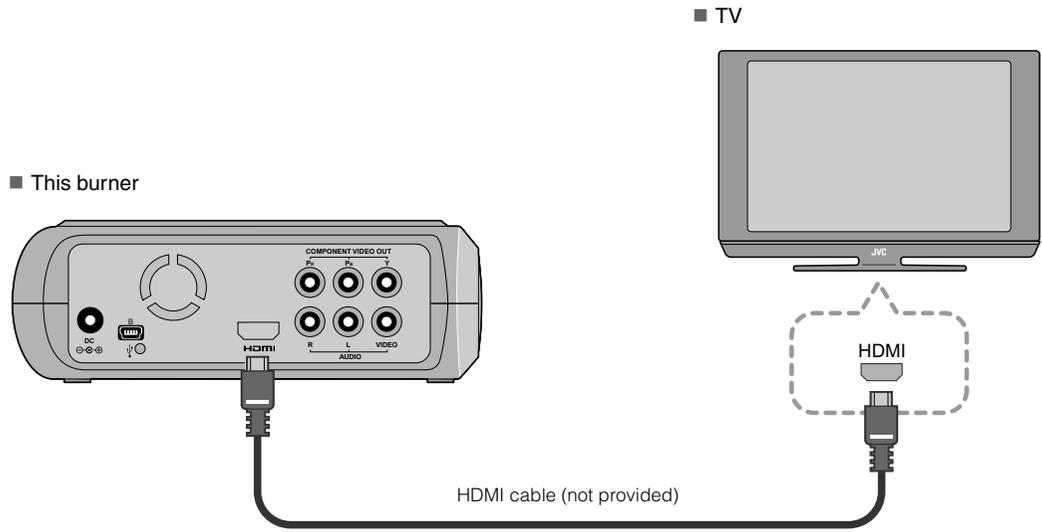
NOTES:
- Images can only be displayed on a High-bandwidth Digital Content Protection (HDCP) monitor. (☞P24)
- When images do not appear normally, set the "HDMI COLOR SETTING" in the setting menu to "RGB". (☞P21)

Connecting to a TV with Component Video Input Connectors

■ TV

Component video cable
(not provided)

■ This burner

AUDIO IN

C$_R$/P$_R$ C$_B$/P$_B$ Y   L   R
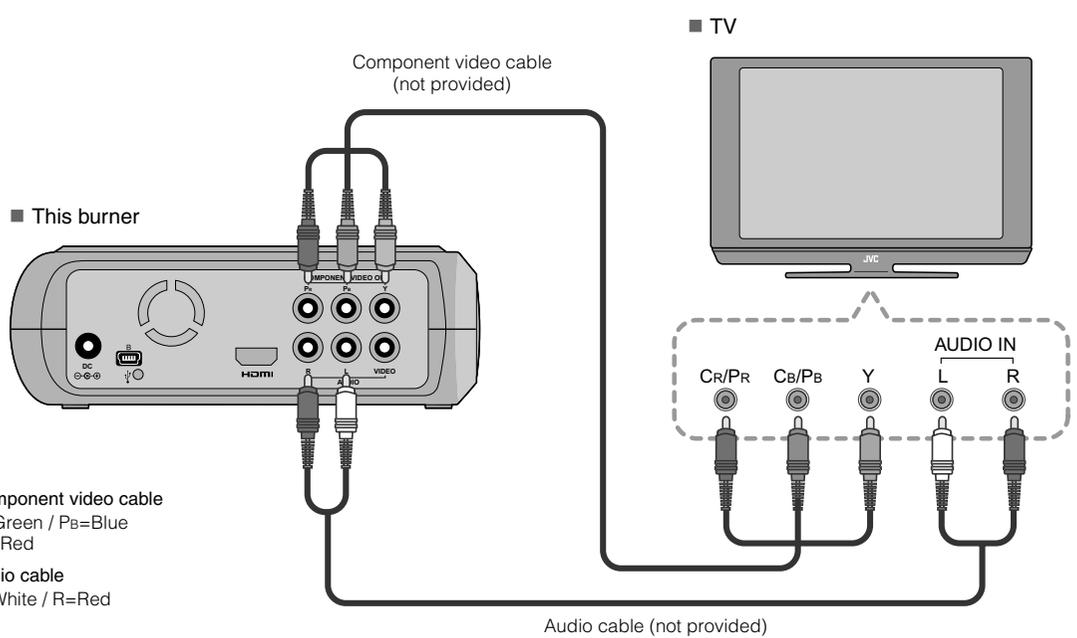
Component video cable
Y=Green / P$_B$=Blue
P$_R$=Red

Audio cable
L=White / R=Red

Audio cable (not provided)

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Connecting to a TV with Video/Audio Input Connectors

Connect the output connectors of the burner to the input connectors of the TV with the provided Audio/Video cable.

■ TV

■ This burner

Audio/Video cable
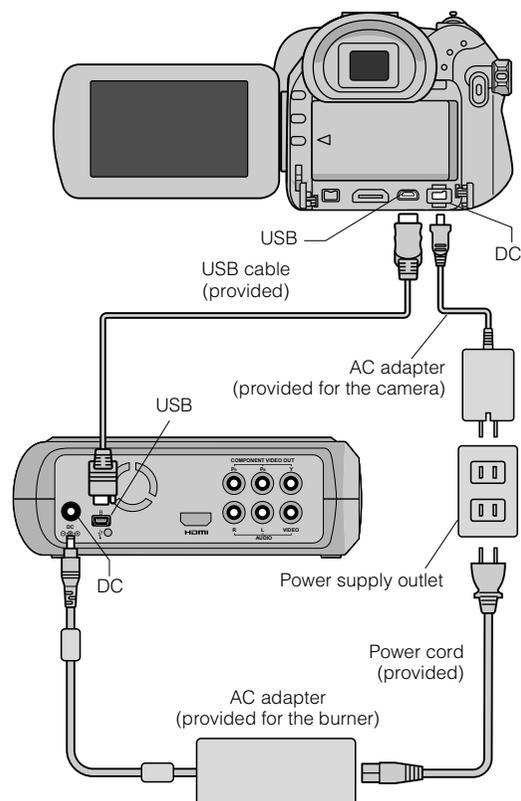R=Red
L=White
VIDEO=Yellow

AUDIO IN
L   R   VIDEO IN

Audio/Video cable (provided)
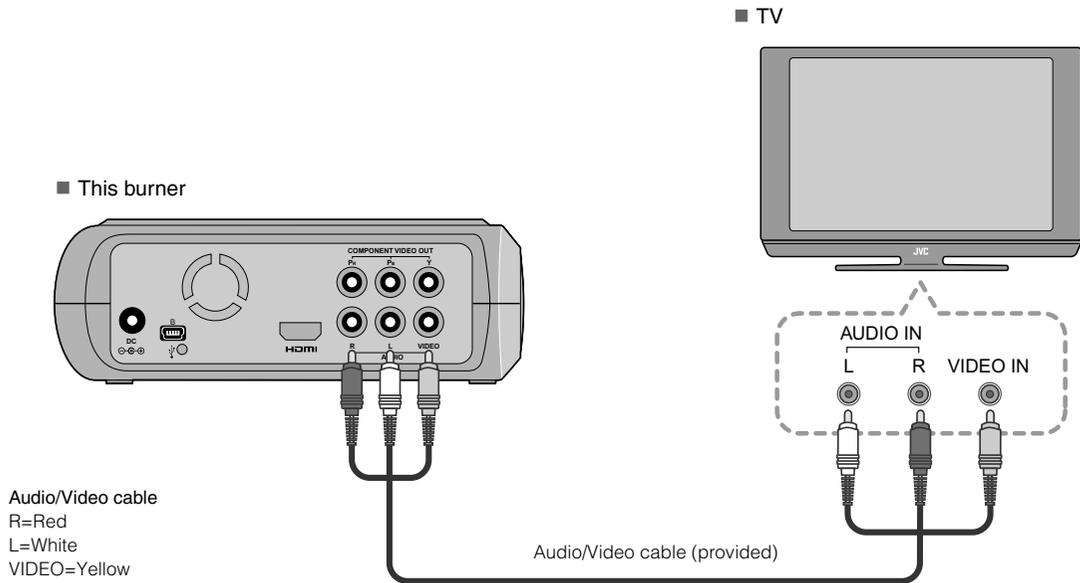
Saving Everio Camera Images to DVD

EN

CS

You can easily create data discs by connecting the burner to an Everio camera.

To Connect

PREPARATIONS:
● Power/Mode switch (Everio camera) : Off
● Power switch (This burner) : Off

USB
DC
USB cable
(provided)
AC adapter
(provided for the camera)
USB
DC
Power supply outlet
Power cord
(provided)
AC adapter
(provided for the burner)

● The positions of DC connector and USB connector and indications (On/Off) of the Power/Mode switch may be different for some Everio camera models.

● During saving, there is no output from the HDMI terminal or COMPONENT VIDEO OUT connectors of this burner. The video image can be displayed from the Everio camera's LCD monitor or by connecting the Everio camera to a TV.

Creating Data/DVD Video Discs

CAUTION:
● When recording an event (such as athletics meet) with an Everio camera, it is advisable to use the same recording mode throughout. Changing the recording mode will cause an event to be divided and saved into two or more folders.

● When there is a disc in the burner, do not subject the Everio camera or burner to vibration or mechanical shock.

PREPARATIONS:
● Power/Mode switch (Everio camera) : On
● Power switch (This burner) : On

① Press the [OPEN/CLOSE] button after the menu appears on the Everio.

● The disc tray opens.

② Insert a disc.

● We recommend you to use a compatible disc. (☞P25)

③ Press the [OPEN/CLOSE] button.

● The disc tray closes.

④ Create data/DVD video discs.

● Refer to the Everio camera instruction manual on how to create data/DVD video discs.

NOTES:
● Data discs cannot be played on DVD recorders/players.
● DVDs created with GZ-MG series Everio camera equipped with the direct DVD creation function are DVD video discs, not data discs. (For details, refer to the instruction manual of the Everio camera.)
● A disc cannot be ejected while data is being written to the disc. Wait until writing finishes.
● The remote control cannot be operated when the burner is connected to the Everio camera via USB cable.
● A considerable amount of time is required if over 1000 video or still images are being saved to DVD, therefore it is advisable to back up in advance.
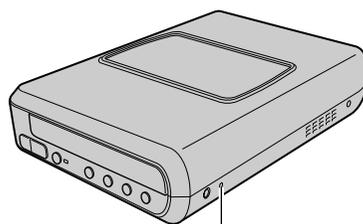
When a disc cannot be ejected

When a disc cannot be ejected with the [OPEN/CLOSE] button, use the following procedure to eject by force.

1 Turn off the power.

2 Insert a thin rod of about 10 cm long into the force eject hole located on the right side of the burner. The disc tray will be ejected for about 1 cm.

3 Pull out the disc tray manually and take out the disc.

Force eject hole

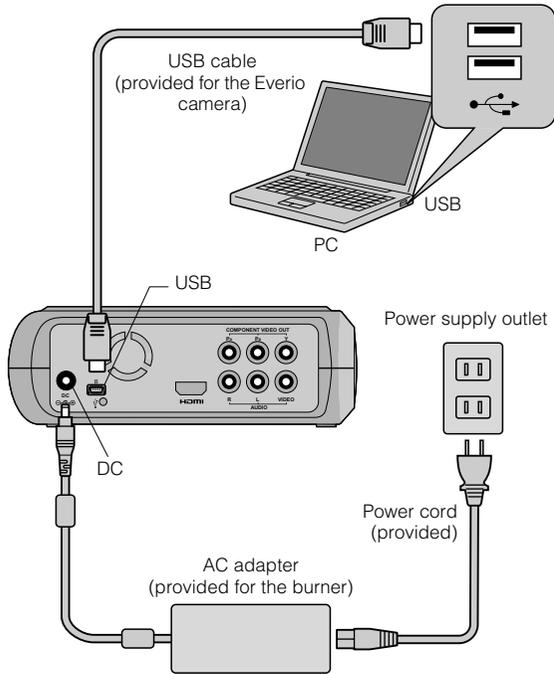● Be sure to place the burner horizontally.

Saving PC Images to DVD

This burner can be used as a DVD burner by connecting it to a PC. Images edited on a PC can also be saved to a DVD by using the provided software.

To Connect

PREPARATIONS:
- Power switch (This burner) : Off
- PC Power : Off

USB cable
(provided for the Everio camera)

PC

USB

USB

COMPONENT VIDEO OUT

Power supply outlet

DC

HDMI   R   L   VIDEO
AUDIO

Power cord
(provided)

AC adapter
(provided for the burner)

Saving to a DVD

① *Turn on the burner and the PC.*

- Install the CyberLink Power2Go 5.5 Lite software if you have not done so.

② *Insert a disc.*

- We recommend you to use a compatible disc. (☞P25)

③ *Use Power2Go to save to a DVD.*

1. Use Power2Go to create a folder.
   - You can create the desired folder names; however do not use "EVERIO_V" or "EVERIO_S" as the folder name.
   - Use half-width alphanumeric characters when entering the folder or file names. You can enter up to 40 half-width characters.
2. Set the file system of the data tab in the Power2Go setup menu to "UDF1.5".
3. Copy files such as MPEG, JPEG and TPD into the folder.

- For details on how to save, refer to the Power2Go User's guide, Help and ReadMe.
  You can view User's guide, Help and ReadMe from the start menu of the PC.
- This burner cannot be used to write files into CD-R or CD-RW. Also, it does not respond to all the functions of Power2Go 5.5 Lite.
- To get customer support and to register the software, you need the following product key (CD-Key): PXNVM-NWE4G-XQD9Q-CU9DX-3FQFN-NAKUS
- Power2Go 5.5 Lite does not support conversion of audio files to MP3 format.
- When the "Enter Activation Key" screen appears while using Power2Go 5.5 Lite, close the screen without entering the activation key.

Removing USB Cable from PC

1 Carry out removing of hardware on the PC.

2 Remove the USB Cable.

Computers That Can Be Used

CyberLink Power2Go 5.5 Lite can be used on computers satisfying the following conditions.

■ Operating system:

Windows® XP Home Edition [XP] (pre-installed)
Windows® XP Home Professional [XP] (pre-installed)

■ Connector:

USB 2.0/1.1 connector
- If you use USB1.1 cable, it will take approximately 3 hours to write one DVD.

■ CPU:

Intel® Pentium® III, at least 800 MHz
(Intel® Pentium® 4, at least 2 GHz recommended)

■ RAM:

At least 128 MB (at least 256 MB recommended)

■ Free hard disk space:

At least 50 MB for installation
At least 5 GB recommended for making DVDs

■ Display:

Must be capable of displaying 800 × 600 dots

Installing CyberLink Power2Go 5.5 Lite

CAUTION:
● Do not play the provided CD-ROM in an audio player. It is not an audio CD. Playing this CD-ROM in an audio player will result in a loud high noise. It may also damage the circuit and speaker.

➊ Insert the provided CD-ROM in the PC.

● The "Choose Setup Language" screen appears.

➋ Confirm the language and then click "OK".
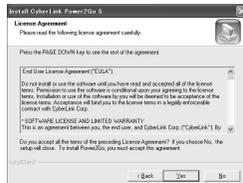
● The following screen appears.

➌ Click "Next".
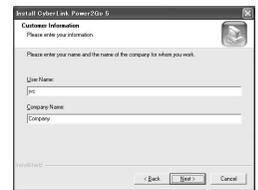
● The "License Agreement" screen appears.

➍ Confirm the contents and then click "Yes".

● The "Customer Information" screen appears.

➎ Enter the "User Name" and "Company Name" and then click "Next".

➏ Follow the on-screen instructions.

● Installation starts. The "InstallShield Wizard Complete" screen appears.
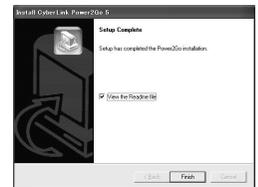
➐ Click "Finish".

● The computer will restart and installation is completed.
● If the screen on the right does not appear, proceed to step ➑.

➑ Click "Finish".

● The "CyberLink Power2Go 5.5" Readme screen appears.

➒ Read the contents of the Readme.

CyberLink Power2Go 5.5 Lite Contact Information

For information on CyberLink Power2Go 5.5 Lite or other products, use the following contact information.
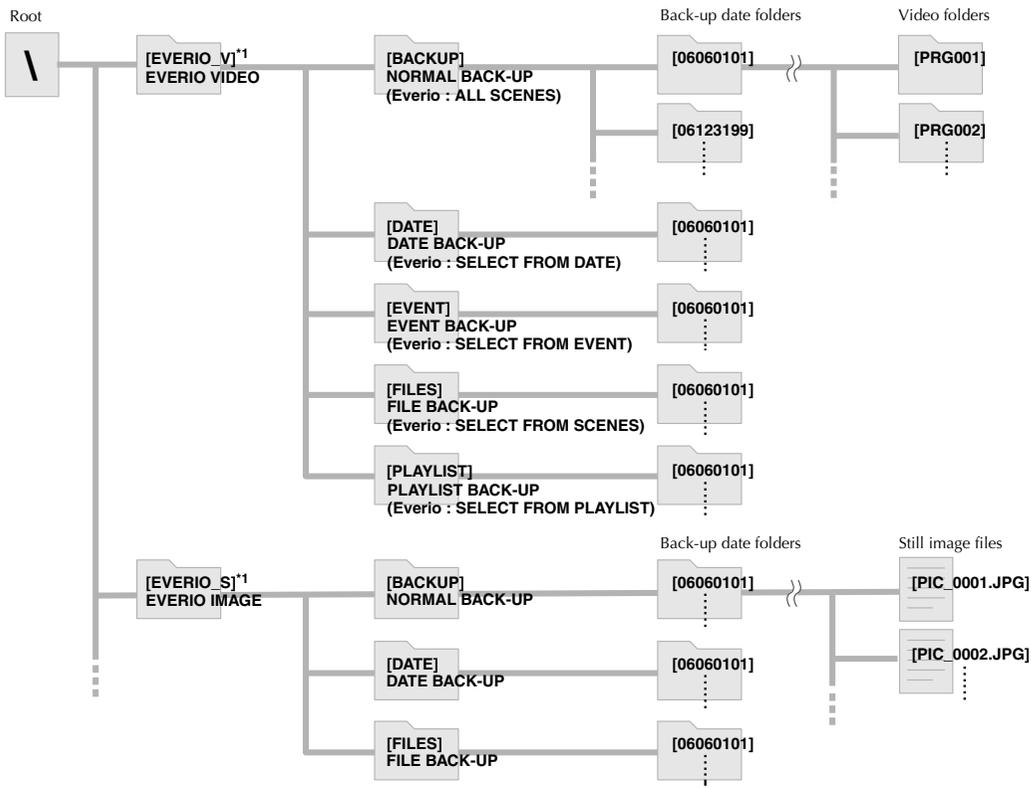
■ Telephone/fax support

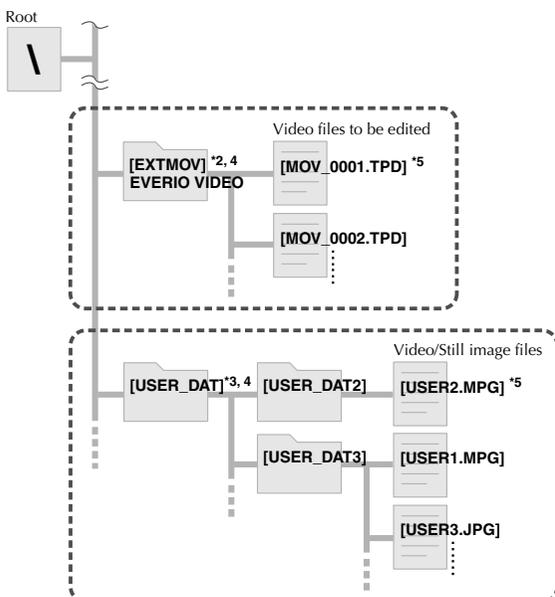| Location	Language	Office hours (Mon. to Fri.)	Phone #	Fax #
Taiwan	Mandarin	9:00 am to 6:00 pm	+886-2-8667-1298 ext. 333	+886-2-8667-1300

Folder Configuration

This shows the folder configuration when files are saved from a high definition Everio camera or a PC to DVD.

When video/still image files are saved from high definition Everio camera

Root | | | Back-up date folders | Video folders

****

[EVERIO_V][*1]
EVERIO VIDEO

[BACKUP]
NORMAL BACK-UP
(Everio : ALL SCENES)

[06060101]

[06123199]

[PRG001]

[PRG002]

[DATE]
DATE BACK-UP
(Everio : SELECT FROM DATE)

[06060101]

[EVENT]
EVENT BACK-UP
(Everio : SELECT FROM EVENT)

[06060101]

[FILES]
FILE BACK-UP
(Everio : SELECT FROM SCENES)

[06060101]

[PLAYLIST]
PLAYLIST BACK-UP
(Everio : SELECT FROM PLAYLIST)

[06060101]

Back-up date folders | Still image files

[EVERIO_S][*1]
EVERIO IMAGE

[BACKUP]
NORMAL BACK-UP

[06060101]

[PIC_0001.JPG]

[PIC_0002.JPG]

[DATE]
DATE BACK-UP

[06060101]

[FILES]
FILE BACK-UP

[06060101]

*1 Video and image files taken by high definition Everio camera that are saved to this burner will be saved in the "EVERIO_V" and "EVERIO_S" folders.

When desired folders/files are created and saved on a PC

Root

****

Video files to be edited

[EXTMOV] [*2, 4]
EVERIO VIDEO

[MOV_0001.TPD] [*5]

[MOV_0002.TPD]

Video/Still image files

[USER_DAT][*3, 4]　**[USER_DAT2]**

[USER2.MPG] [*5]

[USER_DAT3]

[USER1.MPG]

[USER3.JPG]

*2 Only high definition Everio video files (".TPD" files) edited on the PC can be saved in the "EXTMOV" folder.
● ".TPD" files can also be saved in folders created on the PC.

*3 Create folders with Power2Go and saved the desired video and/or still image files into the folders. You can use your preferred folder names and file names. (Shown as "USER DAT" in the illustration.)

*4 Use Power2Go to save the "EXTMOV" and "USER DAT" folders to DVD. (☞P12)

*5 Files with the extension ".TPD" are high definition Everio video files that are edited on the PC.
Files with the extension ".MPG" are Everio video files that are edited on the PC. (For details, refer to "Data format (extension)" (☞P25).)

CAUTION:
● You can create the desired folder and file names, however do not use "EVERIO_V" or "EVERIO_S" as the folder name. In addition, use half-width alphanumeric characters when entering the folder or file names. You can enter up to 40 half-width characters.
● Folders can only be created up to 16 levels. Playback may be impossible if folders exceed 16 levels.

Viewing Images Saved in DVD

This burner can play DVDs saved from an Everio camera or a PC.

Viewing Videos Saved from High Definition Everio Camera

■ To playback the image immediately after saving in DVD

1. Remove the USB cable. (☞P12)
2. Turn off the power of this burner.
3. Connect to TV and power on this burner.
   ● Confirm that the power lamp on the burner is lighted in orange.
   For details on connections, refer to "Connecting to TV" (☞P9, 10).

<Example>
When all videos shot on a high definition Everio camera are saved in DVD.

1 Insert a disc.

2 Select "PLAY VIDEO".

1. SELECT

2. CONFIRM
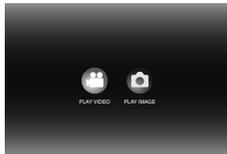
● The playback navigator appears.

3 Select "EVERIO VIDEO".

1. SELECT

2. CONFIRM

● To playback videos saved from a PC, select "EDITED VIDEO". (☞P14)
● If you had created a desired folder on a PC, select that folder name.

CAUTION:
● Check the resolution setting if the image is not displayed. (☞P19)

4 Select "NORMAL BACK-UP".

1. SELECT

2. CONFIRM

● Files will be sorted automatically to the created folders, depending on the items selected in the "CREATE DVD" function of the high definition Everio camera. (☞P14)

5 Select the date saved in DVD.

1. SELECT

2. CONFIRM

6 Select the folder to be played.

1. SELECT

2. CONFIRM

● The files in the folder will be played sequentially.
● For details on playback operations, refer to "Buttons that can be used during playback" (☞P16).

CAUTION:
● There will be an approximately 0.5 seconds still image between each file.
● An approximately 2 seconds black screen will appear between each folder when you press the [◄◄] /[►►] buttons to select the folder to be played.

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Buttons that can be used during playback

Button names		During video playback	During still image playback
► PLAY	PLAY	Pressing the button during pause or variable speed playback will play the video. ● You can also use the [ENTER] button.	Starts a slideshow. ● You can also use the [ENTER] button.
❚❚ PAUSE	PAUSE	Stops the playback and displays still images. ● You can also use the [ENTER] button.	Stops the slideshow and displays still images. ● You can also use the [ENTER] button.
■ STOP	STOP	Stops the playback and returns to the playback navigator. ● You can also use the [RETURN], [TOP MENU] or [MENU] button.	
REV ◄◄	REV	Pressing the button each time changes the search from Search −1 to Search −5. ● Pressing the [FWD] button changes the search to Search +1. ● Slow reverse cannot be performed.	−
FWD ►►	FWD	Pressing the button each time changes the search from Search +1 to Search +5. ● Pressing the [REV] button changes the search to Search −1. Pressing the button each time during pause will play the video in 4 different speeds of 1/16x, 1/8x, 1/4x and 1/2x.	−
NEXT ►►❘	NEXT	Displays the next folder.	Displays the next file.
PREVIOUS ❘◄◄	PREVIOUS	Displays the beginning of the folder.	Displays the previous file.
⌒	Skip	Moves the playback position forward for approx. 30 seconds. Pressing this button continuously will move the position ahead for the number of times the button is pressed.	−
⌄	Replay	Moves the playback position backward for approx. 7 seconds. Pressing this button continuously will move the position backward for the number of times the button is pressed.	−
⌃	Selection key : UP	Displays the beginning of the file.	When paused, each press of the button rotates the image 90 degrees.
⌄	Selection key : DOWN	Displays the next file.	
⟨	Selection key : LEFT	Pressing the button each time changes the search from Search −1 to Search −5. ● Pressing the [FWD] button changes the search to Search +1. ● Slow reverse cannot be performed.	Displays the previous file.
⟩	Selection key : RIGHT	Pressing the button each time changes the search from Search +1 to Search +5. ● Pressing the [REV] button changes the search to Search −1.	Displays the next file.
TOOL	TOOL	Changes the playback settings. (While the screen in step ❻ on page 15 is displayed.) CONTINUE PLAYBACK : Plays the video from the previously stopped position. PLAY FROM BEGINNING : Plays the video from the beginning of the file.	Changes the playback settings. (While the screen in step ❸ on page 17 is displayed.) ■ SLIDESHOW INTERVAL Sets the time to display one image (maximum approx. 2 MB). It may take some time to display depending on the image size. 10 SEC / 15 SEC / 20 SEC ■ SLIDESHOW EFFECTS Sets a fading effect when changing image display. ON : Fade in from black, fade out to black OFF : No fading effect. ■ CHANGE VIEW Sets the display format of the playback navigator. Thumbnail/List

■ To playback the image immediately after saving in DVD

1. Remove the USB cable. (☞P12)
2. Turn off the power of this burner.
3. Connect to TV and power on this burner.
   ● Confirm that the power lamp on the burner is lighted in orange.
   For details on connections, refer to "Connecting to TV" (☞P9, 10).

<Example>
When all still images shot on a high definition Everio camera are saved in DVD.

1 *Insert a disc.*

2 *Select "PLAY IMAGE".*

1. SELECT

ENTER

2. CONFIRM

● The playback navigator appears.

3 *Select "EVERIO IMAGE".*

1. SELECT

ENTER

2. CONFIRM

● If you had created a desired folder on a PC, select that folder name. The folder is displayed as "USER DAT" on the screen in step 3. (☞P14)

CAUTION:
● Check the resolution setting if the image is not displayed. (☞P19)

4 *Select "NORMAL BACK-UP".*

1. SELECT

ENTER

2. CONFIRM

● Files will be sorted automatically to the created folders, depending on the items selected in the "CREATE DVD" function of the high definition Everio camera. (☞P14)

5 *Select the date saved in DVD.*

1. SELECT

ENTER

2. CONFIRM

6 *Select the file to be played.*

1. SELECT

ENTER

2. CONFIRM

● Playback starts.
● For details on playback operations, refer to "Buttons that can be used during playback" (☞P16).

NOTES:
● Only still images conforming to the Exif standard will be displayed in thumbnails. For any other still images, "?" is displayed and they may not be playable.
● It may take some time to display if the image file size is large or when there are many files.

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Viewing DVD Videos Saved from Everio Camera

■ To playback the image immediately after saving in DVD

1. Remove the USB cable. (☞P12)
2. Turn off the power of this burner.
3. Connect to TV and power on this burner.
   ● Confirm that the power lamp on the burner is lighted in orange.
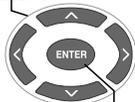   For details on connections, refer to "Connecting to TV" (☞P9, 10).

① Insert a disc.

② Play the video.

● The video plays back or a menu screen appears.

③ When the menu screen appears, select a menu item.

1. SELECT

2. CONFIRM

CAUTION:
● Check the resolution setting if the image is not displayed. (☞P19)

NOTE:
● A music CD cannot be played when a TV is connected.

Displaying menu screen during playback

or
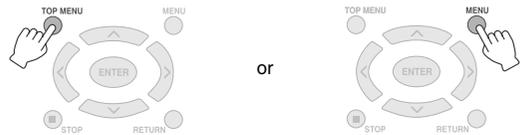
Exiting menu screen
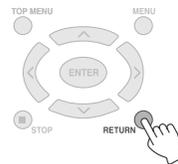
Buttons that can be used during playback

| Button names		During DVD video playback
▶ PLAY	PLAY	Pressing the button during pause or variable speed playback will play the video.
❚❚ PAUSE	PAUSE	Pauses the playback.
■ STOP	STOP	Stops playback.
REV ◀◀	REV	Pressing the button each time changes the search from Search −1 to Search −5. ● Pressing the [FWD] button changes the search to Search +1. ● Slow reverse cannot be performed.
FWD ▶▶	FWD	Pressing the button each time changes the search from Search +1 to Search +5. ● Pressing the [REV] button changes the search to Search −1.
		Pressing the button each time during pause will play the video in 4 different speeds of 1/16x, 1/8x, 1/4x and 1/2x.
NEXT ▶▶❙	NEXT	Moves to the next chapter.
PREVIOUS ❙◀◀	PREVIOUS	Moves to the previous chapter.
⌢	Skip	Moves the playback position forward for approx. 30 seconds. Pressing this button continuously will move the position ahead for the number of times the button is pressed.
⌣	Replay	Moves the playback position backward for approx. 7 seconds. Pressing this button continuously will move the position backward for the number of times the button is pressed.
TOOL	TOOL	Changes the playback settings. (During playback) AUDIO LANGUAGE : Not available. SUBTITLE LANGUAGE : Select whether to display the date and time of recording on the bottom right of the screen. (This setting may not be available depending on the Everio camera used.) CHANGE ANGLE : Not available. CHANGE TITLE : Select the title and jump to that title. CHANGE CHAPTER : Select the chapter and jump to that chapter.

Viewing High Quality Images

You can change the video output resolution when the burner is connected to a progressive scan TV via an HDMI cable or component video cable.

① *Change output resolution during stop mode.*
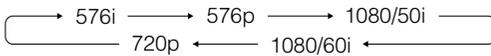
OPEN/CLOSE   RESOLUTION

SET UP   TOOL   SCREEN

● Every press of the button changes the resolution as follows.

Connection via HDMI cable. (However, the selections for resolution not supported by TV may not be displayed.)

```
 ┌──→  AUTO  ───────→  576p  ───────→  1080/50i  ─┐
 └──────  720p  ←───────  1080/60i  ←────────────┘
```
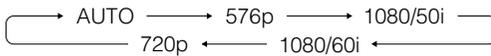
Connection via component video cable. (HDMI cable is not connected.)

```
 ┌──→  576i  ───────→  576p  ───────→  1080/50i  ─┐
 └──────  720p  ←───────  1080/60i  ←────────────┘
```

Connection via video cable.
Set the resolution to "576i". Image cannot be displayed if other settings are being selected. Press the [RESOLUTION] button and set to "576i".

② *Select "YES".*

1. SELECT

ENTER

2. CONFIRM

CURRENT RESOLUTION : 576i
DO YOU WANT TO SAVE THE SETTINGS?

YES   NO

● If the image is not displayed on the TV after changing the resolution, do not operate the burner for 15 seconds. The resolution setting before the change is restored.

NOTES:
● When HDMI cable is connected, images are not output in analogue.
● When "576i" is selected, images are output from both the VIDEO connector and the COMPONENT VIDEO OUT connectors.

CAUTION:
● "AUTO" will be selected automatically when the burner is connected via an HDMI cable to a TV not supporting the selected resolution.
● When the burner is connected to a TV via a component video cable and the output resolution is set to "1080i" or "720p", playback will stop if a digital copy protected (CSS) disc is played. (☞P24)

Changing the Settings

Configures basic settings that determines the operation of the burner.

Menu Operation Procedures

<Example>
To change the "SELECT TV TYPE" of "VIDEOS" from
"16:9" to "4:3LB".

When connected to TV and power is on

❶ Display the "SETTINGS" screen.

OPEN/CLOSE   RESOLUTION

SET UP   TOOL   ON SCREEN
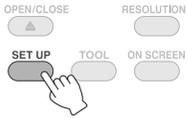
❷ Select "VIDEOS".

1. SELECT

ENTER

2. CONFIRM
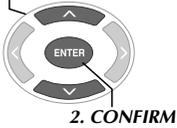
❸ Select "SELECT TV TYPE".

1. SELECT

ENTER

2. CONFIRM

❹ Select "4:3LB".

1. SELECT

ENTER

2. CONFIRM

❺ Select "SAVE".

1. SELECT

ENTER

2. CONFIRM

❻ Select "YES".

1. SELECT

ENTER

2. CONFIRM

❼ Exit the "SETTINGS" screen.

OPEN/CLOSE   RESOLUTION

SET UP   TOOL   ON SCREEN

20
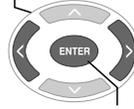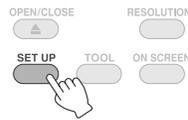
Setting Items And Contents

is the default setting.

◼ VIDEOS

SELECT TV TYPE	
Configure the settings according to the TV to be connected. (If the screen size setting of the TV is fixed, the screen size setting of the TV remains the same even if you change the setting on this burner.)	
16:9	When connected to a wide TV (16:9).
4:3LB	When connected to a 4:3 TV (16:9 images will appear with black bands on the top and bottom).
4:3PS	When connected to a 4:3 TV (16:9 images will appear with the left and right sides missing).
HDMI COLOR SETTING	
Sets the video format from the COMPONENT VIDEO OUT of the burner.	
AUTO	Normally selects this.
RGB	When images do not appear properly due to the specifications of the TV.
HDMI ENHANCE SETTING	
Do not configure this setting.	

◼ DVD

The following items will not take effect even if configured.

MENU LANGUAGE
AUDIO LANGUAGE
SUBTITLE

◼ GENERAL

LANGUAGE	
Sets the language to be displayed on the screen such as the "SETTINGS" screen.	
日本語 / ENGLISH / FRANÇAIS / DEUTSCH / ITALIANO / NEDERLANDS / PORTUGUÊS / ESPAÑOL / 汉语 / 中文	Set the language. ("ENGLISH" is set as the default language.)
DATE DISPLAY STYLE	
Changes the date format.	
year.month.day	Set the date format.
month.day.year	
day.month.year	

◼ RESET

Returns the settings to default.

Screen Display

Information during playback can be displayed on the screen.

During playback

OPEN/CLOSE RESOLUTION
SET UP TOOL ON SCREEN
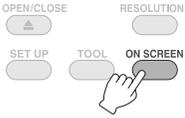
● Every press of the button changes the display mode.

Auto mode (During video/still images playback only)
Displays the playback status and playback time/ playback position for 3 seconds when there is a change in status.

Half mode
Displays the playback status and playback time/ playback position.

Full mode
Displays all information including file name.

Hide mode
Hides the information.

When playing video saved from a high definition Everio camera

File Date (Displays the date and time of recording of the first file in the folder.)

File Name — — Audio Format

Playback Status — Playback Time/ Playback Position

Operation Guide
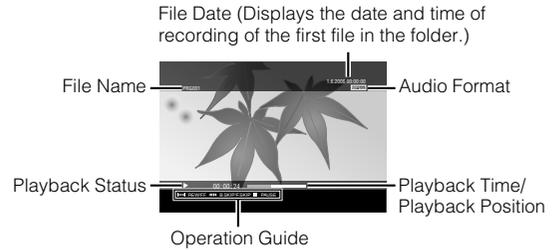
When playing still image saved from a high definition Everio camera

Folder Name   File Date

File Name — — File Resolution

Playback Status —

Operation Guide
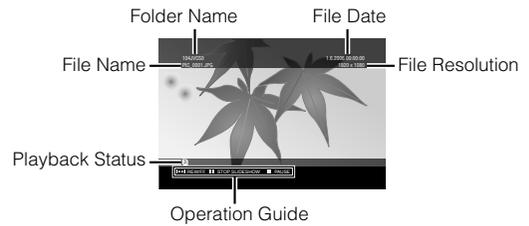
When playing DVD video saved from an Everio camera

Chapter Number

Title Number — — Audio Format

Playback Status — Playback Time/ Playback Position

Operation Guide
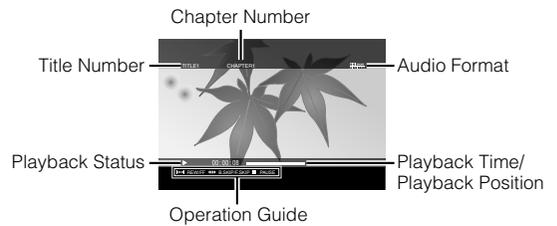
Troubleshooting

Trouble	Cause/Action
General	
Cannot turn the power on.	● Make sure the AC adapter and power cord are connected properly.
The burner or AC adapter is hot.	● This is not a malfunction. ● If the burner is abnormally hot, remove the AC adapter and consult the dealer from which you purchased the burner.
After pressing the power button, it takes approximately 20 seconds before the burner becomes operable.	● This is not a malfunction.
Malfunction or error occurs.	● Turn the burner off, and then turn it back on again.
Saving	
The Everio camera is not recognised.	● Make sure the USB cable is connected properly. Install the projected end of the terminal to the burner and the other end to the Everio camera.
The PC is not recognised.	● Make sure the USB cable provided for the Everio camera is connected properly.
Cannot open the disc tray.	● A disc cannot be ejected by pressing the eject button if data is being written to the disc. Wait until writing finishes. ● If a disc cannot be ejected with the eject button because of a failure or a malfunction caused by, for example, the burner being dropped, insert a thin rod of about 10 cm long into the force eject hole to eject the disc. (☞P11)
Reading fails.	● Insert the disc with the label facing up. ● Make sure the disc tray is not dirty. ● Make sure the writing surface of the disc is not damaged. ● Make sure that special-shaped discs are not used. ● Any CD that does not comply with standards such as the CD-DA standard (copy-control CDs) cannot be played. ● For CD-R or CD-RW, make sure it is not recorded using the packet-write method.
Writing fails.	● Make sure an appropriate disc is being used. (☞P25) ● Use discs recommended for the burner. (☞P26) ● Make sure that a new disc is used for DVD-R. ● Insert the disc with the label facing up. ● Make sure the disc tray is not dirty. ● Make sure the writing surface of the disc is not damaged. ● Make sure that special-shaped discs are not used.
It is impossible to dub the DVD discs, which were written with this burner, on a HDD-DVD recorder.	● Connect the burner to the Everio camera, playback using "PLAY DVD" function of the camera, and dub the DVD discs with the DVD recorder. (Refer to the instruction manual of Everio.)
Writing/reading at maximum speed is not possible (when connected to PC).	● Make sure an appropriate disc is being used. (☞P25) ● Use discs recommended for the burner. (☞P26) ● Make sure a proper standard disc is being used. (Writing/reading at maximum speed may not possible if non-standard discs are used.)
Playback	
The remote control is not working.	● Remove the batteries, insert them again and operate the remote control. ● Replace with new batteries.
Unable to operate.	● Operation may be prohibited due to the disc or other conditions. ● If the burner does not work at all, turn off the power and turn it on again. (It may not work properly due to lightning strike or static electricity.)

Trouble	Cause/Action
No images on the TV.	● Is the video input displayed? Change to external output for the burner connected to a TV with video/audio input connectors. ● When the image is not displayed on the TV after pressing the [RESOLUTION] button, do not operate the burner for 15 seconds. The resolution setting before the change is restored. (☞P19) ● Check the resolution setting again. (☞P19)
Images are distorted during forward search or reverse search.	● Images may be distorted for sections where the playback speed changes. This is not a malfunction.
Commercial DVDs cannot be played when the burner is connected to PC.	● Play the disc of which the region number of the DVD video is "ALL" or "2".
Images added by PC cannot be played.	● Images added to the disc (multi-border disc) by PC cannot be played on this burner.
It takes some time to display the images during still image playback.	● The file size is too large or there are too many files. This is not a malfunction.
When changing from special playback to normal playback, or during slow playback, mosaic pattern (block noise) appears.	● This is not a malfunction.

Error Messages

Trouble	Cause/Action
UNREADABLE DISC	● A blank disc is inserted. ● Insert a disc that can be played on the burner. (☞P25)
DISC ERROR	● The disc may be dirty. Clean the disc and try again. ● The disc was not finalised after saving from a high definition Everio camera. Make sure to finalise the disc after saving. (For details, refer to the instruction manual of the Everio camera.)
CANNOT OPERATE NOW	● Stop the playback and operate again.
HDCP INCOMPATIBLE, CANNOT DISPLAY USE HDCP COMPATIBLE MONITOR	● Connect the burner to a HDCP compliant monitor.
DETECTED COPY GUARD CANNOT DISPLAY WITH 1080i/720p SET TO 576i OR 576p	● Make analogue connection and set resolution to "576i" or "576p". (☞P19)
INCOMPATIBLE DATA	● The data format is not compatible. Confirm the data format. (☞P25) ● The disc was not finalised after saving from a high definition Everio camera. Make sure to finalise the disc after saving. (For details, refer to the instruction manual of the Everio camera.)
CANNOT PLAY BACK	● File data may be missing.

Specifications

General

- **Power Supply**
  DC12 V
- **Rated current**
  1.7 A
- **Dimensions (W × H × D)**
  171 × 56 × 262 mm
- **Weight of main unit**
  Approx. 1.4 kg
  (excluding AC adapter and connection cables)
- **Operating Environment**
  Operating temperature : 0 ℃ to 40 ℃
  Operating humidity : 35 % to 80 %
  Storage temperature : −20 ℃ to 60 ℃
- **Laser Power**
  For DVD
  　Wavelength : 653 to 663 nm
  　Output : 1.0 mW
  For CD
  　Wavelength : 770 to 810 nm
  　Output : 0.4 mW

AC adapter (AP-V400U)

- **Power Supply**
  AC110 V to 240 V ∼, 50 Hz/60 Hz
- **Input capacity**
  1.5 A
- **Output**
  DC12 V ⎓, 4 A
- **Operating temperature**
  0 ℃ to 40 ℃
- **Dimensions (W × H × D)**
  52 × 31 × 120 mm
  (excluding power cord)
- **Weight**
  Approx. 250 g

Remote control (RM-V41U)

- **Type**
  DC 3 V (CR2025 button battery)
- **Battery life**
  Approx. 1 year (depending on the frequency of use)
- **Operating distance**
  Approx. 5 m (face up)
- **Operating temperature**
  0 ℃ to 40 ℃
- **Dimensions (W × H × D)**
  42 × 12 × 100 mm

- **Weight**
  Approx. 32 g
  (including button battery)

Recommended discs

- **DVD-R**
  JVC, TDK, Verbatim, SONY
- **DVD-R DL**[*1]
  JVC, Verbatim
- **DVD-RW**
  JVC

- Optimal performance of the burner may not be possible depending on the disc used. Using discs of manufacturers for which compatibility has been confirmed is recommended.
- Only 12 cm discs can be used with this burner.

*1 DVD-R DL discs can be used when the burner is connected to a high definition Everio camera or a PC.

CAUTION:
- When a DVD-R disc is finalised, additional recordings to the disc are not possible. In addition, the disc cannot be formatted (initialised).
- After finalising a DVD-RW disc, additional recordings to the disc are possible by formatting (initialising) the disc. However, data (video/audio) saved will be deleted.

Playback

- **Compatible discs**
  DVD-R, DVD-R DL, DVD-RW
- **Data format (extension)**
  - DVD data discs that are created using high definition Everio camera
  - DVD data discs that are created using Everio camera
  - DVD data discs that are written with data taken by high definition Everio camera and edited using the provided editing software.
    (When a disc stops during playback and block noise occurs, disable the SVRT function in the editing software.)
  - Following are the file extensions recognised by this burner. (It is not guaranteed that the following file extensions can be played back.)
    - When connected to an Everio camera: TOD, JPG
    - When connected to a PC: MOD, TPD, JPG
    - Others:
      MPG, MPEG, MPE, M2P, M2T, M2TS, TS, JPEG, JPE
      When playing files created on a PC, pressing the [▶] button after searching may cause the playback position to deviate.
- **Video output**
  1.0 V 75 Ω (Pin jack)
- **Audio output**
  2.0 Vrms 1 kΩ (Pin jack)

- Component video output

    Y p-p : 1.0 V 75 Ω (Pin jack)

    C$_B$/C$_R$, P$_B$/P$_R$ p-p : 0.7 V 75 Ω (Pin jack)

- HDMI output

    19-pin HDCP compliant

    Video : 576p / 1080i / 720p

    Audio : 2CH PCM/Bit stream

CAUTION:

- Discs other than those stated above, and commercially available DVD videos cannot be played back properly.

When connected to an Everio camera

- Interface

    USB2.0

- Interface cable

    USB cable (Mini type A − Mini type B)

- Compatible discs for writing (8 cm discs cannot be used)

    Everio : DVD-R, DVD-RW (6x DVD-RW discs cannot be used)

    High definition Everio : DVD-R, DVD-R DL, DVD-RW

- Recording format

    Everio : DVD video (video only)

    High definition Everio : Data DVD (video, still image)

- Recording time

    Everio :

    Approx. 30 minutes (including time taken for finalisation)

    - Approx. 90 minutes of video recorded in fine mode on a 4.7 GB disc. (Varies depending on conditions such as number of titles.)

    High definition Everio :

    Approx. 35 minutes (including time taken for finalisation)

    - Approx. 40 minutes of video recorded in full HD mode on a 8.5 GB DVD-R DL disc. (Varies depending on conditions such as number of titles.)

- GZ-MC100, GZ-MC200, GZ-MC500, GZ-MG21, GZ-MG40, GZ-MG50, GZ-MG70 cannot be used.

When connected to a PC

- Interface

    USB2.0, USB1.1 [*1]

- Interface cable

    USB cable (USB cable provided for the Everio camera can also be used.)

- Supported operating systems

    Windows XP Home Edition, Windows XP Professional (Macintosh is not supported.)

- Data buffer capacity

    2 MB

- Data transfer rate (for USB2.0)

    Writing

    DVD-R : Maximum 8x

    DVD-R DL : Maximum 4x

    DVD-RW : Maximum 4x

    Reading

    DVD-R : Maximum 12x

    DVD-RW : Maximum 12x

    DVD-ROM : Maximum 5x

    DVD-R DL : Maximum 8x

    CD-R : Maximum 10x [*2]

    CD-RW : Maximum 10x [*2]

    CD-ROM : Maximum 10x [*3]

- Compatible discs (8 cm discs cannot be used)

    Writing :

    DVD-R, DVD-R DL, DVD-RW

    Reading :

    DVD-R, DVD-R DL, DVD-RW, DVD-ROM, DVD video, CD-ROM, CD-DA [*4], CD Extra, Video CD, Mixed CD, CD-R, CD-RW

- Supported software

    CyberLink PowerCinema NE for Everio/ PowerProducer 3 NE (Provided for Everio camera)

    CyberLink Power2Go 5.5 Lite (provided)

- [*1] If you use USB1.1 cable, it will take approximately 3 hours to write one DVD.
- [*2] Any CD recorded using the packet-write method cannot be played.
- [*3] Operation is not guaranteed for any CD not compliant with the CD-DA standard (copy control CD).
- [*4] It may not be possible to read the audio files depending on the music CDs (CD-DA). In this case, make use of applications such as Windows Media Player.

Memo

尽情享受复制到DVD的高清晰影像！

复制到DVD

① 连接。

音频/视频缆线
（随带）

USB
（随带）
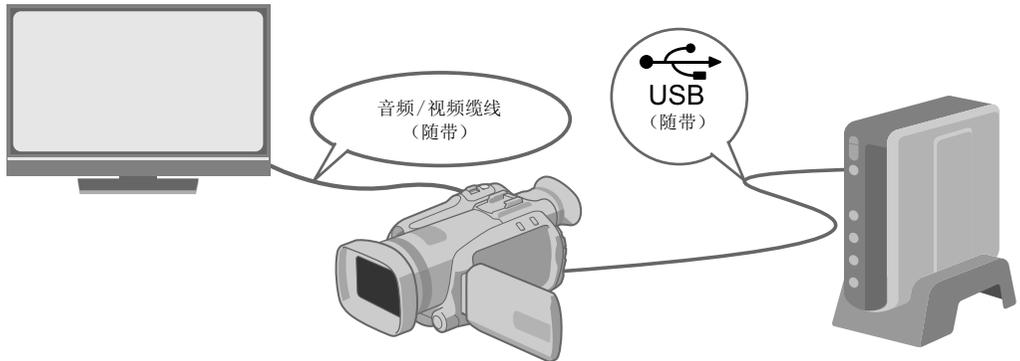
② 选择所需复制方式。

提供以下6种复制方式。

复制方式		复制操作类型	GZ-HD7 说明书
复制全部 （标准备分）		复制拍摄的所有影像。	☞ 第48页
		仅复制新拍摄的影像。	☞ 第48页
仅复制喜好场景 （选择备分）		按日期搜索并复制。	☞ 第49页
		按场景搜索并复制。	☞ 第49页
		按事件搜索并复制。	☞ 第49页
		使用播放列表复制。	☞ 第49页

● 从播放列表所创建视频的日期与DVD创建日期相同。

③ 复制到DVD。

● 有关封盘的详细信息，请参阅
GZ-HD7说明书第48-50页。
● 如果复制大量文件，会需要较长
时间。

选择并设为"执行并定格"。
● 封盘后，此盘无法再记录其他内容。

要添加新记录内容
● 选择并设为"执行"而不是"执行并定格"。
● 个人电脑或本刻录机无法回放未封盘的光盘。
要回放光盘，如上图所示连接并参阅GZ-HD7说明书第48-50页。

在电视机上查看复制到DVD的影像

① 连接。

音频／视频缆线
（随带）

① 拔下USB缆线并关闭本刻录机。
② 将刻录机连接到电视机。
● 要查看高清晰影像，请使用可选HDMI缆线或视频分量缆线进行连接。

② 回放。

① 打开刻录机。
● 确认电源灯亮起橙色。如果电源灯未亮起橙色，请拔下USB缆线，然后关闭并再次打开电源。

约20秒后

② 按打开／关闭 （▲）按钮弹出托盘。
③ 放入已封盘的光盘。
④ 按打开／关闭 （▲）按钮收回托盘。
● 出现以下画面。

⑤ 回放。
● 有关回放的详细信息，请参阅本说明书第15页。

从GZ-HD7擦除数据之前

● 擦除数据之前，请确认数据已复制到DVD。

本刻录机可以使用 JVC 硬盘相机记录的视频创建 DVD，而无需使用个人电脑。
- 如果您要编辑相机拍摄的视频并创建原始 DVD，请使用随相机提供的 DVD 编辑和创建软件。
- 写入数据时可使用提供的数据写入软件 Power2Go 5.5 Lite。但是，它不能用于编辑视频或创建 DVD。
- 刻录机不包含 Macintosh 支持。

尊敬的客户：
感谢您购买本刻录机。使用前，请仔细阅读第 4 页和第 5 页上的安全信息和注意事项，以确保安全使用本产品。

安全注意事项

重要事项：
如果出现以下任何情况，请立即拔下插头，并要求经销商进行维修。
- 冒烟或出现异味
- 因跌落导致产品受损
- 水或异物进入产品内部

注意事项：
本机属于一类激光产品。但是，本机使用的可见激光束如果被眼睛直视，可能会引起放射性辐射。请严格按照使用说明正确操作本机。
当本机电源插头被插入到墙上电源接口上时，不要将眼睛贴近托盘的开口缝隙或本机的其它开口处试图窥探本机的内部。
如果您不按照本说明书的指示，而对本机进行不正确的控制、调节或操作，就可能会引起放射性照射。
切勿私自打开本机外壳并进行修理。应该请合格的维修人员进行维护修理。
一类激光产品
标签的复制
本机内部的警告标签

CAUTION	ATTENTION	ADVARSEL	ADVARSEL	VARO!	VARNING
CLASS 1M LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.	ÉMET UN RAYONNEMENT LASER DE CLASSE 1M LORQUE OUVERT, NE PAS REGARDER DIRECTEMENT À TRAVERS DES INSTRUMENTS D'OPTIQUES.	KLASSE 1M-LASERSTRÅLING NÅR ÅPNET, IKKE SE DIREKTE INN I OPTISKE INSTRUMENTER.	KLASSE 1M LASERSTRÅLING NÅR APPARATET ÅBNES, KIG IKKE DIREKTE PÅ STRÅLEN MED OPTISKE INSTRUMENTER.	LUOKAN 1M LASERSÄTEILY LAITTEEN SISÄLLÄ, ÄLÄ KATSO SÄTEESEEN SUORAAN OPTISILLA LAITTEILLA.	KLASS 1M LASERSTRÅLNING NÄR DEN ÄR ÖPPEN, TITTA INTE DIREKT PÅ DEN MED OPTISKA INSTRUMENT.
CAUTION LASER RADIATION WHEN OPEN, DO NOT STARE INTO BEAM.(EN)	(FR)	(NO)	(DA)	(FI)	(SW) LP41334-001A

本装置符合激光产品标准"IEC60825-1:2001"。

插座应安装在设备附近，并使用方便。

注意：
本机包含微型计算机。外部电子噪音或干扰可能会导致故障。在这种情况下，关闭本机然后拔出电源插头。然后插入电源插头，再打开本机。取出光盘。在检查光盘后，再正常操作本机。

注意事项：
为防电击或损坏本机，先将电源电线的小头紧紧地插入交流电源适配器直到不再松动，然后将电源电线的大头插入交流电源插座。
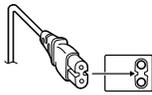
如果故障发生，立即停止使用设备，并咨询本地的 JVC 经销商。

更换锂电池之警告
本机所用的电池如果处理不当，则有引起火灾或化学燃烧的危险。请勿进行再充电、分解、加热到 100℃ 以上或丢入火中焚烧。
更换电池时，请使用松下、三洋、索尼或万胜的 CR2025 型电池。
电池更换错误，有可能引起爆炸及火灾。
- 用完的电池应及时处理。
- 严禁小孩玩弄。
- 请勿分解电池，也不可丢入火中。

小心：
请勿将电池暴露在直射阳光，焰火或类似高温环境下。

I/⏻ 按钮不完全关闭本机的电源，而是打开和关闭工作电流。"⏻"表示电源待机，"I"表示电源打开。

刻录机安全注意事项
请务必遵循以下注意事项。否则会导致电击、火灾、人身伤害或设备故障。
- 请勿拆解、拆卸或改装设备。应要求经销商提供维修和检查。
- 请勿在刻录机内插入金属或易燃物体，或溅入水或其它液体。
- 连接设备时请关闭电源。
- 在长时间不使用或清洁刻录机前，请拔下插头（即使电源关闭时，仍有电流流过设备）。
- 请勿堵塞刻录机的通风孔。
- 发生冷凝时，请勿使用设备。刻录机突然从寒冷的位置进入高温的位置时会导致形成液滴，造成故障或损害。
- 当刻录机里有光盘时，请勿震动刻录机。

附件之安全注意事项
- 使用 AC 适配器、电源线和 USB 缆线时，请务必遵循以下注意事项。否则会导致电击、火灾、人身伤害或设备故障。
  - 插入或拔下插头前，请擦干您的双手。
  - 请将插头完全插入插座。
  - 插头应无灰尘，并远离金属物体。
  - 请勿损害缆线。
  - 注意将缆线放置在不会绊倒他人的位置。
  - 打雷时请勿使用本机。
  - 请勿拆卸。
  - 请勿用于其它产品。
- 请勿使用音频播放器播放所提供的 CD-ROM。否则会损坏电路或扬声器。

光盘安全注意事项
请勿使用以下光盘。
- 有裂纹的光盘。
- 有较深划痕的光盘。

安装
请勿安装在以下任何位置。
- 潮湿的位置
- 60℃ 或以上的位置
- 阳光直射的位置
- 可能过度加热的位置
- 多尘或存在烟雾的位置
- 存在油烟或蒸汽的位置，如厨柜或增湿器附近。
- 不稳定的位置
- 浴室
- 多尘的位置
- 倾斜的位置

注意：
本机的放置：
有些电视机或其他家电产生很强的磁场。不要把此类电器放置在本机的顶部，否则会引起图像干扰。
移动产品时：
按下 I/⏻ 以关闭电源，等待至少 30 秒再拔下电源线。然后，等待至少 2 分钟再移动产品。

清洁步骤

重要事项：

● 开始清洁前，请拔下刻录机的插头。
● 请勿使用液体或喷雾清洁剂。
● 清洁过程中，请确保无水分或液体与驱动器接触。

刻录机外部：
用干抹布擦除灰尘。

托盘：
用柔软的干抹布擦除灰尘。

光盘：
使用柔软的抹布轻轻地从内缘向外缘擦拭。

贮存：
光盘务必置于光盘盒内。若没有将光盘置于保护套内而层叠堆放，会导致光盘受损。请勿将光盘置于阳光可能直射以及湿度或温度较高的位置。请避免光盘遗落在您的车内！

地区代码

地区代码是限制 DVD 视频播放的代码。世界分为六个地区，每个地区有一个识别码。如果光盘的代码与播放器的代码不匹配，则光盘不能在该播放器上播放。（初始的地区代码在刻录机底部的标签上标出。）

免责声明

对于因连接或处置不当造成的数据损失，JVC 不承担任何责任。

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注册商标和商标

● Windows®是 Microsoft Corporation 在美国和/或其它国家的注册商标或商标。
● Macintosh 和 Mac OS 是 Apple Computer, Inc. 在美国和其他国家注册的商标。
● Pentium 是 Intel Corporation 在美国的注册商标。
● 使用 Dolby Laboratories 的许可证制造。"Dolby"和双 D 符号是 Dolby Laboratories 的商标。
● HDMI、HDMI 徽标和高清晰多媒体接口是 HDMI Licensing LCC 的商标或注册商标。
● 文中提及的其他公司和产品名称分别为各自持有人的注册商标和 / 或商标。

《电子信息产品污染控制管理办法》规定的表示内容

关于环保使用期限

● 此图标表示了中国《电子信息产品污染控制管理办法》规定的环保使用期限。只要用户在使用本产品时遵守注意事项中的各项规定，从制造日期开始到此图标标出的期限为止（环保使用期限）既不会污染环境也不会产生对人体有害的物质。
● 附件和消耗性零件的环保使用期限如下所示：
（不同产品中包含的附件和消耗性零件也不相同。）
遥控器、交流转换器、电缆类：10 年

环保使用期限

CU-VD40 中国 ROHS 部件构成表

部件名称	有毒有害物质或元素					
	铅 （Pb）	汞 （Hg）	镉 （Cd）	六价铬 （Cr(VI)）	多溴联苯 (PBB)	多溴二苯醚 （PBDE）
线路板组件	✕	○	○	○	○	○
机箱	✕	○	○	○	○	○
DVD 驱动器	✕	○	○	○	○	○
交流转换器	✕	○	○	○	○	○
其他附件	✕	○	○	○	○	○
○： 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 规定的限量要求以下。						
✕： 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 规定的限量要求。						

目录

入门

附件

电源线

USB缆线

音频/视频缆线

AC适配器
（AP-V400U*）
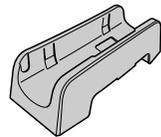
支架

遥控器
（RM-V41U）
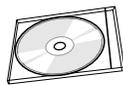
DVD-ROM
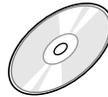
记录光盘 （DVD-R DL）
（用于高清晰Everio相机。不能用于Everio
相机。）

锂电池 （CR2025）
预安装于遥控器中。

注意事项：
● 不要将提供的AC适配器和电源线用于其他设备。另外，不要使用非本机随带的AC适配器、电源线和USB缆线。否则可能造成电击或火灾。

注：
* 对于使用CU-VD40AC/AG的客户，备有043-124000-I2 （AC适配器）。

放置刻录机

■ 水平方向
  ● 确定刻录机的顶部和底部，将它水平放置。

■ 垂直方向
  ● 垂直放置时，将刻录机的通风口与随带支架对齐，然后将刻录机放到支架上并固定。

底面

支架 （随带）

通风口
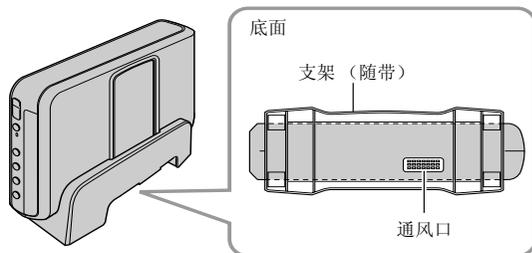
放入光盘

处理光盘时，切勿接触光盘的回放/记录面。

仅使用刻录机或遥控器上的[▲]按钮弹出托盘。如果用手拉出托盘，光盘可能落出或卡住。

■ 水平方向
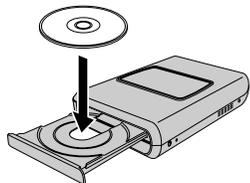
■ 垂直方向
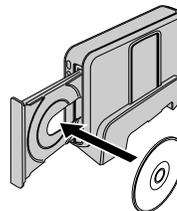
准备遥控器

购买时，遥控器内附电池。使用之前，请取出绝缘片。

■ 重新插入电池
  ● 按下锁定块，拉出电池支架。

锂电池 （CR2025）

锁定块

7
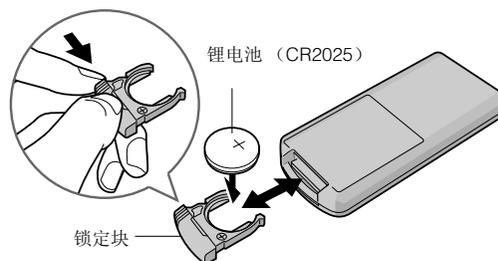
零件和控制指南
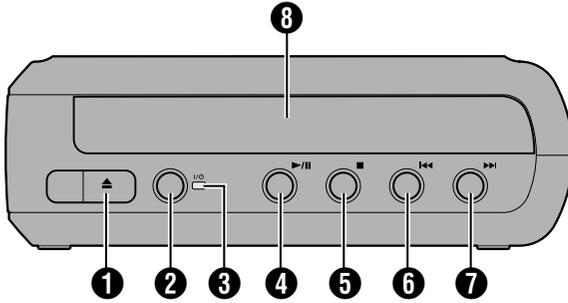
❶ 打开/关闭按钮 （▲）
❷ 电源按钮 （Ⅰ/ᶗ）
❸ 电源指示灯
　绿色灯：
　　连接到Everio相机或个人电脑时。
　橙色灯：
　　回放时。
❹ 播放/暂停按钮 （▶/Ⅱ）
❺ 停止按钮 （■）
❻ 向前按钮 （◄◄）
❼ 向后按钮 （►►Ⅰ）
❽ 托盘

背面
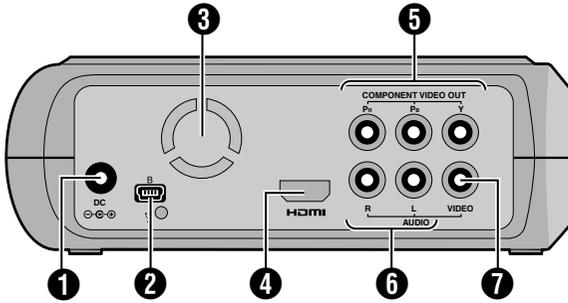
❶ DC连接器
❷ USB连接器
❸ 散热扇
❹ HDMI终端
❺ COMPONENT VIDEO OUT连接器
❻ AUDIO输出连接器
❼ VIDEO输出连接器

遥控器
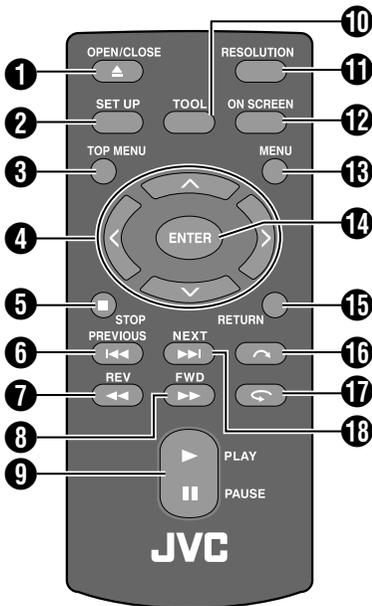
❶ OPEN/CLOSE按钮 （▲）
❷ SET UP按钮
❸ TOP MENU 按钮
❹ 选择键 （ㅅ/ㅇ/ㄑ/ㄥ）
❺ STOP按钮 （■）
❻ PREVIOUS按钮 （◄◄）
❼ REV按钮 （◄◄）
❽ FWD按钮 （►►）
❾ PLAY/PAUSE按钮 （▶/Ⅱ）
❿ TOOL按钮
⓫ RESOLUTION 按钮
⓬ ON SCREEN按钮
⓭ MENU 按钮
⓮ ENTER按钮
⓯ RETURN按钮
⓰ 跳过按钮 （⌒）
⓱ 重放按钮 （↺）
⓲ NEXT按钮 （►►Ⅰ）

连接到电视机

要查看高清晰影像，请使用可选HDMI缆线或视频分量缆线进行连接。

使用HDMI输入终端连接到电视机

■ 电视机

■ 本刻录机

COMPONENT VIDEO OUT

P_R   P_B   Y

R   L   VIDEO

AUDIO

DC
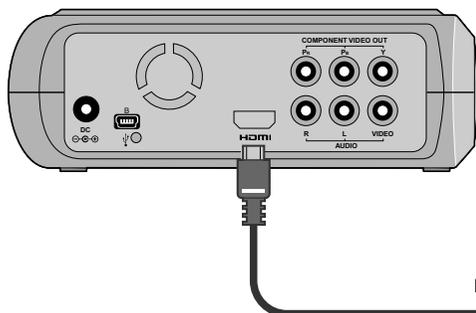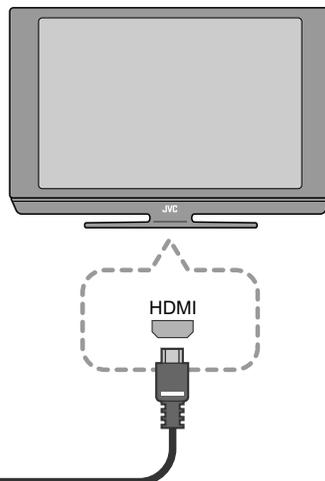
HDMI

HDMI

HDMI缆线 （不随带）

注:
● 只能在高带宽数字内容保护 （HDCP）显示器上显示影像。 （☞第24页）
● 如果无法正常显示影像，请将设置菜单中的"HDMI色彩设定"设为"RGB"。 （☞第21页）

使用视频分量输入连接器连接到电视机

■ 电视机

视频分量缆线
（不随带）

■ 本刻录机

COMPONENT VIDEO OUT

P_R   P_B   Y

R   L   VIDEO

AUDIO

DC

HDMI

AUDIO IN

C_R/P_R   C_B/P_B   Y   L   R
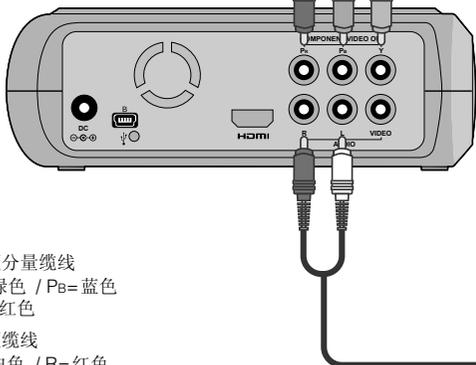
视频分量缆线
Y=绿色 / P_B=蓝色
P_R=红色

音频缆线
L=白色 / R=红色

音频缆线 （不随带）

9
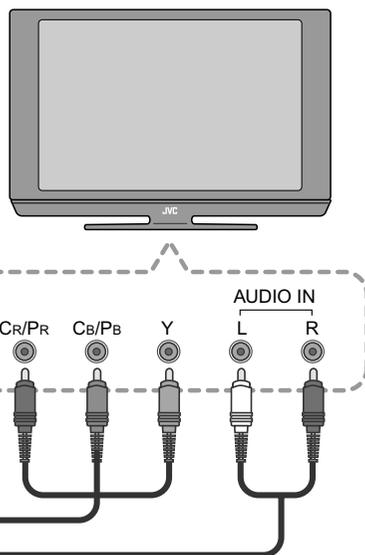
使用视频/音频输入连接器连接到电视机

使用随带的音频/视频缆线将刻录机的输出连接器连接到电视机的输入连接器。

■ 电视机

■ 本刻录机

COMPONENT VIDEO OUT
Pʀ Pв Y

DC HDMI R L VIDEO
          AUDIO
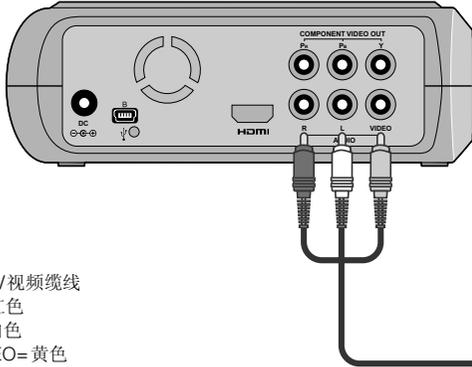
音频/视频缆线
R= 红色
L= 白色
VIDEO= 黄色

AUDIO IN
L   R   VIDEO IN

JVC
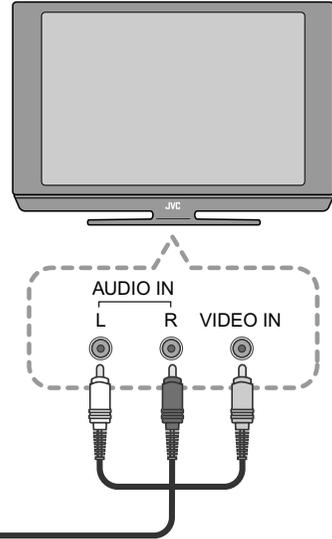
音频/视频缆线 （随带）

将Everio相机影像保存到DVD

将刻录机连接到Everio相机，即可轻松创建数据光盘。

连接

准备工作：
- 电源/模式开关 （Everio相机）： 关
- 电源开关 （本刻录机）： 关

USB

USB缆线
（随带）

USB

DC

AC适配器
（相机随带）

DC

电源插座

电源线
（随带）

AC适配器
（刻录机随带）
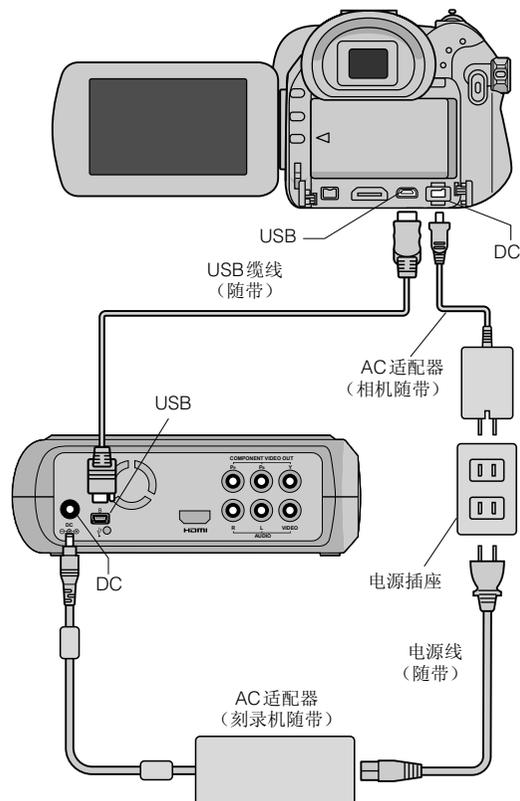
- 对于某些型号的Everio相机，DC连接器、USB连接器的位置以及电源/模式开关的指示 （开/关）可能有所不同。
- 保存过程中，本刻录机的HDMI终端或COMPONENT VIDEO OUT连接器没有输出。可通过Everio相机的液晶显示屏或将Everio相机连接到电视机显示视频影像。

创建数据/DVD视频光盘

注意事项：
- 使用Everio相机记录事件 （如运动会）时，建议在整个过程中使用相同的记录模式。中途切换记录模式会导致一个事件分开并保存到两个或多个文件夹中。
- 当刻录机中有光盘时，切勿使Everio相机或刻录机受到震动或机械撞击。

准备工作：
- 电源/模式开关 （Everio相机）： 开
- 电源开关 （本刻录机）： 开

1 Everio上出现菜单后，按[OPEN/CLOSE]按钮。

- 托盘弹出。

2 放入光盘。

- 建议使用兼容光盘。 (☞ 第25页)

3 按[OPEN/CLOSE]按钮。

- 托盘收回。

4 创建数据/DVD视频光盘。

- 有关如何创建数据/DVD视频光盘，请参阅Everio相机说明书。

注：
- DVD刻录机/播放器上无法播放数据光盘。
- 使用具有DVD直接创建功能的GZ-MG系列Everio相机创建的DVD是DVD视频光盘，而不是数据光盘。 （有关详细信息，请参阅Everio相机说明书。）
- 将数据写入光盘的过程中无法弹出光盘。请在写操作完成后弹出光盘。
- 通过USB缆线将刻录机连接到Everio相机时，无法使用遥控器。
- 将超过1000个视频或静态影像保存到DVD需要很长时间，因此建议事先备份。

无法弹出光盘时

使用[OPEN/CLOSE]按钮无法弹出光盘时，请使用以下步骤进行强行弹出。

1 关闭电源。

2 将一根约10 cm长的细针插入刻录机右侧的强行弹出孔中。 托盘会弹出约1 cm。

3 用手拉出托盘并取出光盘。

强行弹出孔
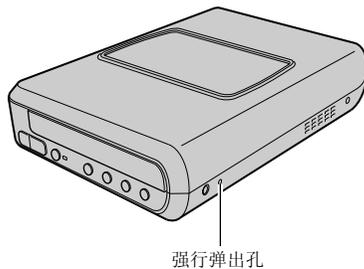
- 务必将刻录机水平放置。

将个人电脑影像保存到DVD

本刻录机连接到个人电脑时可作为DVD刻录机。个人电脑上编辑的影像也可以使用随带的软件保存到DVD。

连接

准备工作：
- 电源开关 （本刻录机）：关
- 个人电脑电源：关

USB缆线
（Everio相机随带）

USB

个人电脑

USB

电源插座

DC

电源线
（随带）

AC适配器
（刻录机随带）

保存到DVD

1 打开刻录机和个人电脑。

- 安装CyberLink Power2Go 5.5 Lite软件（如果还未这样做）。

2 放入光盘。

- 建议使用兼容光盘。（☞第25页）

3 使用Power2Go保存到DVD。

1. 使用Power2Go创建一个文件夹。
   - 可以创建期望的任何文件夹名；但不要使用 "EVERIO_V"或"EVERIO_S"作为文件夹名。
   - 输入文件夹名或文件名时，请使用半宽字母数字字符。最多可输入40个半宽字符。
2. 将Power2Go设置菜单中数据选项卡的文件系统设为 "UDF1.5"。
3. 将MPEG、 JPEG和TPD等文件复制到文件夹中。
- 有关如何保存的详细信息，请参阅Power2Go用户指南、帮助和自述文件。
   您可以从个人电脑的开始菜单查看用户指南、帮助和自述文件。

- 本刻录机无法将文件写入CD-R或CD-RW。此外，它不响应Power2Go 5.5 Lite的所有功能。
- 要获得客户支持服务以及注册软件，您需要提供以下产品密钥 （CD-Key）： PXNVM-NWE4G-XQD9Q-CU9DX-3FQFN-NAKUS
- Power2Go 5.5 Lite不支持将音频文件转换为MP3格式。
- 使用Power2Go 5.5 Lite期间出现"输入激活密钥"画面时，请关闭此画面，不要输入激活密钥。

从个人电脑上拔下USB缆线

1 从个人电脑上取下硬件。

2 拔下USB缆线。

可使用的计算机

CyberLink Power2Go 5.5 Lite可用于满足以下条件的计算机。

■ 操作系统：
  Windows® XP Home Edition [XP] （预装）
  Windows® XP Home Professional [XP] （预装）

■ 连接器：
  USB 2.0/1.1连接器
  - 如果使用USB1.1缆线，写一张DVD需要约3小时。

■ CPU：
  Intel® Pentium® III，至少800 MHz
  （Intel® Pentium® 4，建议至少2 GHz）

■ 内存：
  至少128 MB （建议至少256 MB）

■ 可用硬盘空间：
  安装至少需要50 MB
  制作DVD建议至少需要5 GB

■ 显示器：
  必须能显示800 × 600点

安装CyberLink Power2Go 5.5 Lite

注意事项:

● 请勿在音频播放器中播放随带的CD-ROM。它不是音频CD。在音频播放器中播放此CD-ROM会造成嘈杂的噪音。它还可能损坏电路和扬声器。

1 将随带的**CD-ROM**放入个人电脑中。

● 出现"选择设置语言"画面。

2 确认语言，然后单击"确定"。

● 出现以下画面。

3 单击"下一步"。

● 出现"许可证协议"画面。

4 确认内容，然后单击"是"。

● 出现"客户信息"画面。

5 输入"用户名"和"公司名称"，然后单击"下一步"。

6 按照画面上的指示操作。

● 开始安装。出现"InstallShield Wizard 完"画面。

7 单击"完成"。

● 计算机会重新启动，此时安装完成。
● 如果右侧画面不出现，请转至第*8*步。

8 单击"完成"。

● 出现"CyberLink Power2Go 5.5"自述文件画面。

9 阅读自述文件内容。

CyberLink Power2Go 5.5 Lite联络信息

有关CyberLink Power2Go 5.5 Lite或其它产品的信息，请使用以下联络信息。

■ 电话/传真支持

位置	语言	办公时间 （周一至周五）	电话号码	传真号码
台湾	普通话	上午9:00至下午6:00	+886-2-8667-1298 分机 333	+886-2-8667-1300

文件夹配置

下图表示将文件从高清晰Everio相机或个人电脑保存到DVD的文件夹配置。

从高清晰Everio相机保存视频/静态影像文件时
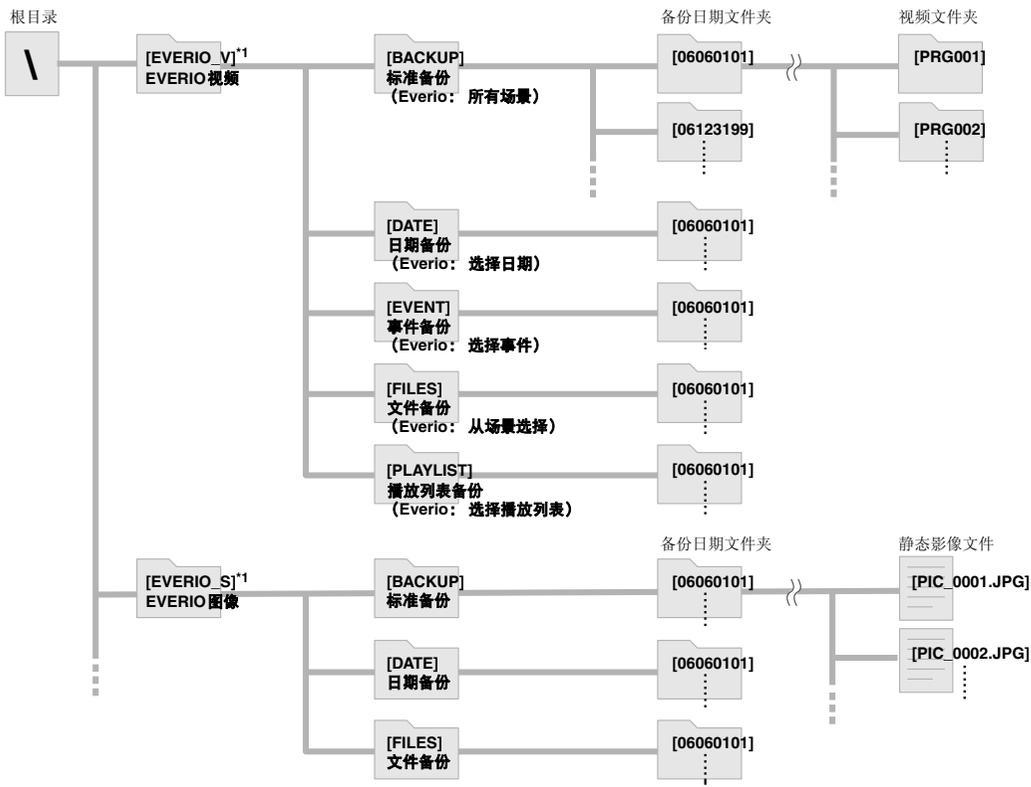
*1 使用高清晰Everio相机拍摄并保存到本刻录机的视频和影像文件将保存在"EVERIO_V"和"EVERIO_S"文件夹中。

在个人电脑上创建并保存所需文件夹/文件时
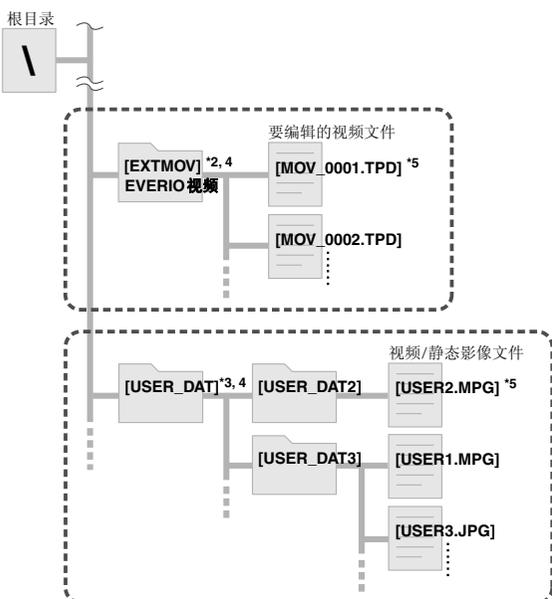
*2 只有个人电脑上编辑的高清晰Everio视频文件（".TPD"文件）才能保存在"EXTMOV"文件夹中。
  ● ".TPD"文件还能保存在个人电脑上创建的文件夹中。
*3 使用Power2Go创建文件夹并将所需视频和/或静态影像文件保存到这些文件夹中。可以使用期望的文件夹名和文件名。（图中显示为"USER DAT"。）
*4 使用Power2Go将"EXTMOV"和"USER DAT"文件夹保存到DVD。（☞ 第12页）
*5 扩展名为".TPD"的文件是个人电脑上编辑的高清晰Everio视频文件。
  扩展名为".MPG"的文件是个人电脑上编辑的Everio视频文件。（有关详细信息，请参阅"数据格式（扩展名）"（☞ 第25页）。）

注意事项：
● 可以创建期望的任何文件夹名和文件名，但不要使用"EVERIO_V"或"EVERIO_S"作为文件夹名。另外，输入文件夹名或文件名时，请使用半宽字母数字字符。最多可输入40个半宽字符。
● 最多只能创建16层文件夹。如果文件夹超过16层，可能无法回放。

查看DVD中保存的影像

本刻录机可以播放从Everio相机或个人电脑保存的DVD。

查看从高清晰Everio相机保存的视频

■ 将影像保存到DVD后，要立即回放影像

1. 拔下USB缆线。(☞ 第12页)
2. 关闭本刻录机的电源。
3. 连接到电视机并打开本刻录机。
   ● 确认刻录机的电源灯亮起橙色。
   有关连接的详细信息，请参阅"连接到电视机" (☞ 第9, 10页)。

<示例>
将高清晰Everio相机拍摄的所有视频保存在DVD中时。

1 放入光盘。

2 选择"播放视频"。

1. 选择

ENTER

2. 确认

● 出现回放导航器。

3 选择"EVERIO视频"。

1. 选择

ENTER

2. 确认

● 要回放保存到个人电脑的视频，请选择"编辑过的视频"。 (☞ 第14页)
● 如果已经在个人电脑上创建所需的文件夹，请选择该文件夹名。

注意事项:
● 如果未显示影像，请检查分辨率设置。(☞ 第19页)

4 选择"标准备份"。

1. 选择

ENTER

2. 确认

● 根据高清晰Everio相机中"制作DVD"功能中所选的项目，创建的文件夹中会对文件自动排序。
(☞ 第14页)

5 选择DVD中保存的日期。

1. 选择

ENTER

2. 确认

6 选择要播放的文件夹。

1. 选择

ENTER
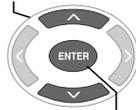
2. 确认

● 将按序播放此文件夹中的文件。
● 有关回放操作的详细信息，请参阅"回放过程中可以使用的按钮" (☞ 第16页)。

注意事项:
● 相邻两个文件之间会出现约0.5秒的静态影像。
● 当您按 [◄◄]/[►►] 按钮选择要播放的文件夹时，两个相邻文件夹之间会出现约2秒的黑屏。

回放过程中可以使用的按钮

按钮名		视频回放过程中	静态影像回放过程中
► PLAY	PLAY	暂停或变速回放过程中按此按钮可播放视频。 ● 也可以使用 [ENTER] 按钮。	开始放映幻灯片。 ● 也可以使用 [ENTER] 按钮。
‖ PAUSE	PAUSE	停止回放并显示静态影像。 ● 也可以使用 [ENTER] 按钮。	停止放映幻灯片并显示静态影像。 ● 也可以使用 [ENTER] 按钮。
■ STOP	STOP	停止回放并返回回放导航器。 ● 也可以使用 [RETURN]、 [TOP MENU] 或 [MENU] 按钮。	
REV ◄◄	REV	每次按此按钮在搜索−1至搜索−5之间依次改变搜索模式。 ● 按 [FWD] 按钮将搜索变为搜索 +1。 ● 不能执行慢速倒放。	—
FWD ►►	FWD	每次按此按钮在搜索＋1至搜索＋5之间依次改变搜索模式。 ● 按 [REV] 按钮将搜索变为搜索 −1。 在暂停时每次按此按钮将以 1/16x、 1/8x、 1/4x 和 1/2x 四种不同的速度播放视频。	—
NEXT ►►‖	NEXT	显示下一个文件夹。	显示下一个文件。
PREVIOUS ‖◄◄	PREVIOUS	显示文件夹的开头部分。	显示上一个文件。
⌒	跳过	回放位置向前移动约30秒。连续按此按钮将按照按此按钮的次数向前移动相应位置。	—
⌄	重放	回放位置向后移动约7秒。连续按此按钮将按照按此按钮的次数向后移动相应位置。	—
∧	选择键： 向上	显示文件的开头部分。	暂停时，每按此按钮一次可将影像旋转90度。
∨	选择键： 向下	显示下一个文件。	
⟨	选择键： 向左	每次按此按钮在搜索−1至搜索−5之间依次改变搜索模式。 ● 按 [FWD] 按钮将搜索变为搜索 +1。 ● 不能执行慢速倒放。	显示上一个文件。
⟩	选择键： 向右	每次按此按钮在搜索＋1至搜索＋5之间依次改变搜索模式。 ● 按 [REV] 按钮将搜索变为搜索 −1。	显示下一个文件。
TOOL	TOOL	更改回放设置。（出现第15页中第❻步中的画面时。） 继续播放： 从先前停止的位置开始播放视频。 从头播放： 从文件开头部分播放视频。	更改回放设置。（出现第17页中第❸步中的画面时。） ■ 幻灯片间隔 　设置显示一个影像的时间 （最大约 2 MB）。根据影像大小，显示时间可能较长。 　10秒 / 15秒 / 20秒 ■ 幻灯片效果 　设置更换影像显示时的渐变效果。 　开： 从黑色淡入，淡出为黑色 　关： 无渐变效果。 ■ 切换视图 　设置回放导航器的显示格式。 　缩略图/列表

查看从高清晰Everio相机保存的静态影像

■ 将影像保存到DVD后，要立即回放影像

1. 拔下USB缆线。（☞第12页）
2. 关闭本刻录机的电源。
3. 连接到电视机并打开本刻录机。
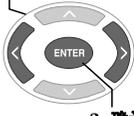   ● 确认刻录机的电源灯亮起橙色。
     有关连接的详细信息，请参阅"连接到电视机"（☞第9,
     10页）。

<示例>
将高清晰Everio相机拍摄的所有静态影像保存在DVD中时。

1 放入光盘。
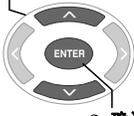
2 选择"播放图像"。

1. 选择

2. 确认
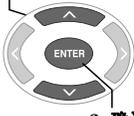
   ● 出现回放导航器。

3 选择"EVERIO图像"。

1. 选择

2. 确认

   ● 如果已经在个人电脑上创建所需的文件夹，请选择该
     文件夹名。文件夹在第 *3* 步的画面中显示为"USER
     DAT"。（☞第14页）

注意事项：
● 如果未显示影像，请检查分辨率设置。（☞第19页）

4 选择"标准备份"。

1. 选择

2. 确认

   ● 根据高清晰Everio相机中"制作DVD"功能中所选的项
     目，创建的文件夹中会对文件自动排序。
     （☞第14页）

5 选择DVD中保存的日期。

1. 选择

2. 确认

6 选择要播放的文件。

1. 选择
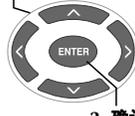
2. 确认

   ● 开始回放。
   ● 有关回放操作的详细信息，请参阅"回放过程中可以
     使用的按钮"（☞第16页）。

注：
● 只有符合Exif标准的静态影像才能显示为缩略图。任何其
  他静态影像会显示"?"，可能无法播放它们。
● 如果影像文件很大或是存在大量文件，显示时间可能较
  长。

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■ 将影像保存到DVD后，要立即回放影像

1. 拔下USB缆线。(☞ 第12页)
2. 关闭本刻录机的电源。
3. 连接到电视机并打开本刻录机。
   ● 确认刻录机的电源灯亮起橙色。
   有关连接的详细信息，请参阅"连接到电视机"(☞ 第9, 10页)。

1 放入光盘。

2 播放视频。

● 开始回放视频或出现菜单画面。

3 出现菜单画面时，请选择菜单项。

1. 选择

2. 确认

注意事项：
● 如果未显示影像，请检查分辨率设置。(☞ 第19页)

注：
● 连接到电视机时，无法播放音乐CD。

在回放过程中显示菜单画面

或
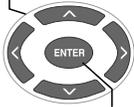
退出菜单画面
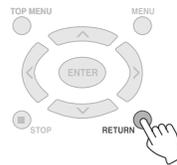
回放过程中可以使用的按钮

按钮名		DVD视频回放过程中
PLAY	PLAY	暂停或变速回放过程中按此按钮可播放视频。
PAUSE	PAUSE	暂停回放。
STOP	STOP	停止回放。
REV	REV	每次按此按钮在搜索−1至搜索−5之间依次改变搜索模式。 ● 按 [FWD] 按钮将搜索变为搜索+1。 ● 不能执行慢速倒放。
FWD	FWD	每次按此按钮在搜索+1至搜索+5之间依次改变搜索模式。 ● 按 [REV] 按钮将搜索变为搜索−1。 在暂停时每次按此按钮将以1/16x、 1/8x、 1/4x和1/2x四种不同的速度播放视频。
NEXT	NEXT	移至下一章节。
PREVIOUS	PREVIOUS	移至上一章节。
跳过	跳过	回放位置向前移动约30秒。连续按此按钮将按照按此按钮的次数向前移动相应位置。
重放	重放	回放位置向后移动约7秒。连续按此按钮将按照按此按钮的次数向后移动相应位置。
TOOL	TOOL	更改回放设置。（回放时） 声音语言： 不可用。 字幕语言： 选择是否在屏幕右下方显示录制日期和时间。（有无该设置取决于所用的Everio相机。） 切换角度： 不可用。 切换标题： 选择标题并跳至相应标题。 切换章节： 选择章节并跳至相应章节。

查看高质量影像

通过HDMI缆线或视频分量缆线将本刻录机连接到逐行扫描电视机时，可以更改视频输出分辨率。
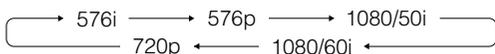
① 在停止模式中更改输出分辨率。

OPEN/CLOSE   RESOLUTION

SET UP   TOOL   SCREEN

● 每按此按钮一次分辨率更改如下。

通过HDMI缆线连接。（但是，可能不显示电视机不支持的分辨率选项。）

AUTO ⟶ 576p ⟶ 1080/50i
720p ⟵ 1080/60i ⟵

通过视频分量缆线连接。（未连接HDMI缆线。）
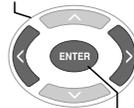
576i ⟶ 576p ⟶ 1080/50i
720p ⟵ 1080/60i ⟵
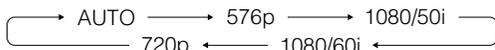
通过视频缆线连接。
将分辨率设为"576i"。如果选择其他设置，则无法显示影像。按[RESOLUTION]按钮并设为"576i"。

② 选择"是"。

1. 选择

ENTER

2. 确认

● 如果更改分辨率后电视机中未显示影像，则15秒内不要对本刻录机进行任何操作。会自动复原更改前的分辨率设置。

注:
● 连接HDMI缆线时，不会以模拟信号输出影像。
● 选择"576i"时，会从VIDEO连接器和COMPONENT VIDEO OUT连接器输出影像。

注意事项:
● 通过HDMI缆线将本刻录机连接到不支持所选分辨率的电视机时，会自动选择"自动"。
● 通过视频分量缆线将本刻录机连接到电视机并且输出分辨率设为"1080i"或"720p"时，如果播放数字拷贝保护（CSS）的光盘时，会停止回放。(☞ 第24页)

更改设置

配置决定刻录机操作的基本设置。

菜单操作步骤

<示例>
将"视频"的"选择电视类型"从"16:9"改为"4:3LB"。

连接到电视机并且打开电源时

1 出现"设定"画面。

2 选择"视频"。

1. 选择

2. 确认

3 选择"选择电视类型"。

1. 选择

2. 确认

4 选择"4:3LB"。

1. 选择

2. 确认

5 选择"保存"。

1. 选择

2. 确认
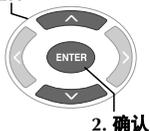
6 选择"是"。

1. 选择

2. 确认

7 退出"设定"画面。

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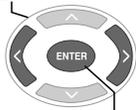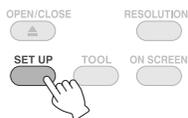
设置菜单项和内容

▨▨▨▨ 是默认设置。

■ 视频

选择电视类型	
根据要连接的电视机类型配置设置。（如果电视机的屏幕尺寸设置是固定的，即使您更改本刻录机上的设置，电视机屏幕尺寸设置仍保持不变。）	
16:9	连接到宽屏电视机 （16:9）时。
4:3LB	连接到4:3电视机时 （显示16:9影像时，顶部和底部各出现一条黑带）。
4:3PS	连接到4:3电视机时 （显示16:9影像时，会缺少影像的左侧和右侧部分）。
HDMI色彩设定	
设置刻录机COMPONENT VIDEO OUT的视频格式。	
自动	通常选择此项。
RGB	电视机规格导致无法正常显示影像时。
HDMI增强设定	
不要配置这一设置。	

■ DVD

以下项即便配置也不会生效。

菜单语言
声音语言
字幕语言

■ 一般

LANGUAGE	
设置"设定"画面等画面中显示的语言。	
日本語 / ENGLISH / FRANÇAIS / DEUTSCH / ITALIANO / NEDERLANDS / PORTUGUÊS / ESPAÑOL / 汉语 / 中文	设置语言。 （"ENGLISH"设为默认语言。）
日期显示样式	
更改日期格式。	
year.month.day	
month.day.year	设置日期格式。
day.month.year	

■ 重设

将设置复原为默认值。

画面显示

回放过程中可在画面中显示信息。

回放过程中

OPEN/CLOSE   RESOLUTION
⏏

SET UP   TOOL   ON SCREEN
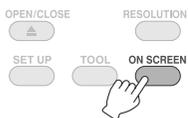
● 每按此按钮一次显示模式会更改。

自动模式 （仅限视频/静态影像回放过程中）
状态发生变化时，显示3秒回放状态和回放时间/回放位置。
半模式
显示回放状态和回放时间/回放位置。
完整模式
显示包括文件名在内的所有信息。
隐藏模式
隐藏信息。

播放从高清晰Everio相机保存的视频时

文件日期 （显示文件夹中记录第一个文件的日期和时间。）

文件名 ——

—— 音频格式

回放状态 ——

—— 回放时间/回放位置

操作指导

播放从高清晰Everio相机保存的静态影像时

文件夹名   文件日期

文件名 ——

—— 文件分辨率

回放状态 ——

操作指导

播放从Everio相机保存的DVD视频时

章节号

标题号 ——

—— 音频格式

回放状态 ——

—— 回放时间/回放位置

操作指导

故障检修

故障	原因/措施
一般	
不能打开电源。	● 确保已正确连接AC适配器和电源线。
刻录机或AC适配器过热。	● 这不是故障。 ● 如果刻录机异常过热，请取下AC适配器，并向您购买刻录机处的经销商咨询。
按下电源按钮后，约20秒后才能使用刻录机。	● 这不是故障。
出现故障或错误。	● 关闭刻录机，然后再次打开它。
保存	
无法识别Everio相机。	● 确保已正确连接USB缆线。将终端突出一端连接到本刻录机，将另一端连接到Everio相机。
无法识别个人电脑。	● 确保已正确连接Everio相机随带的USB缆线。
无法弹出托盘。	● 如果正在向光盘写入数据，则按弹出按钮时无法弹出光盘。请在写操作完成后弹出光盘。 ● 如果因刻录机跌落等原因导致故障而无法使用弹出按钮弹出光盘，将一根约10 cm长的细针插入强行弹出孔中可弹出光盘。 （ℂ 第11页）
读取失败。	● 放入光盘时注意标签面朝上。 ● 确保托盘清洁无灰尘。 ● 确保光盘的写入面没有受损。 ● 确保未使用形状不规则的光盘。 ● 无法播放不符合CD-DA标准（复制控制CD）等标准的CD。 ● 对于CD-R或CD-RW，请确保未使用封包写入方式记录内容。
写入失败。	● 确保使用适当的光盘。（ℂ 第25页） ● 使用刻录机建议使用的光盘。（ℂ 第26页） ● 确保将新光盘用于DVD-R。 ● 放入光盘时注意标签面朝上。 ● 确保托盘清洁无灰尘。 ● 确保光盘的写入面没有受损。 ● 确保未使用形状不规则的光盘。
不可以在HDD-DVD刻录机上翻录本刻录机刻录的DVD光盘。	● 将刻录机连接到Everio相机，使用相机的"播放DVD进行检查"功能进行回放，使用DVD刻录机翻录DVD光盘。 （请参阅Everio说明书。）
不能以最高速度写入/读取（连接到个人电脑时）。	● 确保使用适当的光盘。（ℂ 第25页） ● 使用刻录机建议使用的光盘。（ℂ 第26页） ● 确保使用适当的标准光盘。（如果使用非标准光盘，可能无法以最高速度读写。）
回放	
无法使用遥控器。	● 取出电池，然后再次装入电池并使用遥控器。 ● 更换新电池。
无法操作。	● 可能由于光盘或其他情况而禁止操作。 ● 如果刻录机根本无法使用，请关闭电源并再次打开电源。 （可能由于雷击或静电导致它无法正常使用。）
电视机没有影像。	● 是否显示视频输入？将通过视频/音频输入连接器连接到电视机的刻录机更改为外部输出。 ● 如果按 [RESOLUTION] 按钮后电视机未显示影像，则15秒内不要对刻录机进行任何操作。会自动复原更改前的分辨率设置。 （ℂ 第19页） ● 再次检查分辨率设置。（ℂ 第19页）
向前搜索或向后搜索过程中，影像会出现扭曲现象。	● 改变回放速度的位置部分影像可能出现扭曲现象。这不是故障。
在刻录机与个人电脑相连时，无法播放商业DVD。	● 播放DVD视频地区代码为"ALL"或"2"的光盘。
无法播放个人电脑添加的影像。	● 本刻录机上无法播放个人电脑添加到光盘（multi-border光盘）的影像。
回放静态影像过程中，显示影像需要一些时间。	● 文件太大或文件太多。这不是故障。

故障	原因/措施
从特殊回放改为正常回放时或在慢速回放过程中，会出现马赛克 （马赛克噪音）。	● 这不是故障。

错误消息

故障	原因/措施
无法读取磁盘	● 放入的是空白光盘。 ● 请放入刻录机可以播放的光盘。 (☞ 第25页)
磁盘错误	● 光盘可能不干净。清洁光盘并再试。 ● 从高清晰 Everio 相机保存内容后，未对光盘进行封盘。确保在保存内容后封盘。（有关详细信息，请参阅 Everio 相机说明书。）
现在无法操作	● 停止回放并再次操作。
HDCP 不兼容，无法显示 请使用 HDCP 兼容监视器	● 将刻录机连接到 HDCP 兼容的显示器。
检测到 COPY GUARD 无法以 1080i/720p 显示 设为 576i 或 576p	● 进行模拟信号连接并将分辨率设为 "576i" 或 "576p"。 (☞ 第19页)
数据不兼容	● 数据格式不兼容。请确认数据格式。 (☞ 第25页) ● 从高清晰 Everio 相机保存内容后，未对光盘进行封盘。确保在保存内容后封盘。（有关详细信息，请参阅 Everio 相机说明书。）
不能播放	● 文件数据可能丢失。

规格

一般

- 电源
  DC12 V

- 额定电流
  1.7 A

- 尺寸 （宽 × 高 × 深）
  171 × 56 × 262 mm

- 主装置重量
  约 1.4 kg
  （不包括 AC 适配器和连接缆线）

- 操作环境
  操作温度： 0 ℃ - 40 ℃
  操作湿度： 35 % - 80 %
  贮存温度： −20 ℃ - 60 ℃

- 激光功率
  DVD
    波长： 653 - 663 nm
    输出： 1.0 mW
  CD
    波长： 770 - 810 nm
    输出： 0.4 mW

AC 适配器 （AP-V400U）

- 电源
  AC110 V - 240 V ～， 50 Hz/60 Hz

- 输入电容
  1.5 A

- 输出
  DC12 V $\overline{}$， 4 A

- 操作温度
  0 ℃ - 40 ℃

- 尺寸 （宽 × 高 × 深）
  52 × 31 × 120 mm
  （不包括电源线）

- 重量
  约 250 g

遥控器 （RM-V41U）

- 类型
  DC 3 V （CR2025 纽扣电池）

- 电池寿命
  约 1 年 （取决于使用频率）

- 操作距离
  约 5 m （正面向上）

- 操作温度
  0 ℃ - 40 ℃

- 尺寸 （宽 × 高 × 深）
  42 × 12 × 100 mm

- 重量
  约 32 g
  （包括纽扣电池）

建议使用光盘

- DVD-R
  JVC、 TDK、 Verbatim、 SONY

- DVD-R DL[*1]
  JVC、 Verbatim

- DVD-RW
  JVC

- 因刻录机的性能取决于所使用的光盘，所以最佳性能有时可能无法实现。建议使用已经确认兼容性的制造商之光盘。

- 本刻录机只能使用 12 cm 光盘。

*1 当刻录机连接到高清晰 Everio 相机或个人电脑时，可以使用 DVD-R DL 光盘。

注意事项：

- 对 DVD-R 光盘封盘后，无法将新的记录内容添加到光盘中。另外，无法再对此光盘进行格式化 （初始化）。

- 对 DVD-RW 光盘封盘后，可通过格式化 （初始化）光盘将新的记录内容添加到其中。但是，将删除已保存的数据（视频/音频）。

回放

- 兼容光盘
  DVD-R、 DVD-R DL、 DVD-RW

- 数据格式 （扩展名）
  - 使用高清晰 Everio 相机创建的 DVD 数据光盘
  - 使用 Everio 相机创建的 DVD 数据光盘
  - 写入高清晰 Everio 相机拍摄并使用随带编辑软件编辑的数据的 DVD 数据光盘。
    （当回放过程中光盘停止并出现马赛克噪音时，请禁用编辑软件中的 SVRT 功能。）
  - 以下是本刻录机可识别的文件扩展名。（不保证可回放以下文件扩展名的文件。）
    - 连接到 Everio 相机时： TOD、 JPG
    - 连接到个人电脑时： MOD、 TPD、 JPG
    - 其他：
      MPG、 MPEG、 MPE、 M2P、 M2T、 M2TS、 TS、 JPEG、 JPE
      播放个人电脑上创建的文件时，在搜索后按 [▶] 按钮可能令回放位置偏离。

- 视频输出
  1.0 V 75 Ω （接触插孔）

- 音频输出
  2.0 Vrms 1 kΩ （接触插孔）

- 视频分量输出
  Y p-p： 1.0 V 75 Ω （接触插孔）
  C_B/C_R， P_B/P_R p-p： 0.7 V 75 Ω （接触插孔）

■ HDMI输出

19针HDCP兼容

视频： 576p / 1080i / 720p

音频： 2CH PCM/Bit流

注意事项：

● 上述光盘以外的光盘以及商业DVD视频均无法正常回放。

连接到Everio相机时

■ 接口

USB2.0

■ 接口缆线

USB缆线 （Mini type A － Mini type B）

■ 写入兼容光盘 （不能使用8 cm光盘）

Everio： DVD-R、 DVD-RW （不能使用6x DVD-RW光盘）

高清晰Everio： DVD-R、 DVD-R DL、 DVD-RW

■ 记录格式

Everio： DVD视频 （仅限视频）

高清晰Everio： 数据DVD （视频、静态影像）

■ 记录时间

Everio：

约30分钟 （包括封盘所用时间）

● 使用精细模式， 4.7 GB光盘可记录约90分钟视频。
（根据标题数量等具体情况而异。）

高清晰Everio：

约35分钟 （包括封盘所用时间）

● 使用完整HD模式， 8.5 GBDVD-R DL光盘可记录约40分钟视频。（根据标题数量等具体情况而异。）

● 不能使用GZ-MC100、 GZ-MC200、 GZ-MC500、
GZ-MG21、 GZ-MG40、 GZ-MG50和GZ-MG70。

连接到个人电脑时

■ 接口

USB2.0, USB1.1 [*1]

■ 接口缆线

USB缆线 （还可以使用Everio相机随带的USB缆线。）

■ 支持的操作系统

Windows XP Home Edition、 Windows XP Professional
（不支持Macintosh。）

■ 数据缓冲区容量

2 MB

■ 数据传输率 （USB2.0）

写入

DVD-R： 最高8x

DVD-R DL： 最高4x

DVD-RW： 最高4x

读取

DVD-R： 最高12x

DVD-RW： 最高12x

DVD-ROM： 最高5x

DVD-R DL： 最高8x

CD-R： 最高10x [*2]

CD-RW： 最高10x [*2]

CD-ROM： 最高10x [*3]

■ 兼容光盘 （不能使用8 cm光盘）

写入：

DVD-R、 DVD-R DL、 DVD-RW

读取：

DVD-R、 DVD-R DL、 DVD-RW、 DVD-ROM、 DVD视频、 CD-ROM、 CD-DA [*4]、 CD Extra、 Video CD、 Mixed CD、 CD-R和CD-RW

■ 支持的软件

用于Everio/ PowerProducer 3 NE的CyberLink
PowerCinema NE （Everio相机随带）

CyberLink Power2Go 5.5 Lite （随带）

*1 如果使用USB1.1缆线，写一张DVD需要约3小时。

*2 不能播放使用packet-write （封包写入）方式记录的CD。

*3 对于任何与CD-DA标准 （复制控制CD）兼容的CD，我们不保证能正常使用。

*4 根据音乐CD （CD-DA）情况，可能无法读取音频文件。在这种情况下，请使用Windows Media Player等应用程序。

备注

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JVC