

JVC®



JLIP VIDEO CAPTURE BOX

JLIP VIDEOREDIGERINGS-BOKS / JLIP VIDEO-FRAMEGRABBER-BOX /
BOÎTIER DE CAPTURE VIDÉO JLIP / JLIP VIDEO CAPTURE TOESTEL /
CAPTURADOR DE VIDEO / SCATOLA JLIP PER CATTURA VIDEO /
JLIP KUVIENSIEPPAUSRASIA / JLIP VIDEO CAPTURE BOX /
JLIP VIDEOFANGSTBOXS /
ВИДЕОМОНТАЖНОЕ СТЫКОВОЧНОЕ УСТРОЙСТВО JLIP

GV-CB3E

ENGLISH

DEUTSCH

FRANÇAIS

NEDERLANDS

CASTELLANO

ITALIANO

DANSK

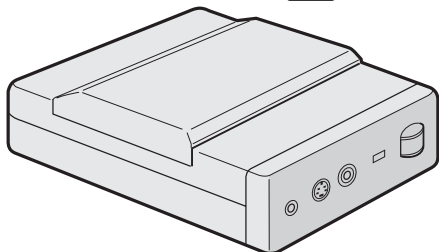
SUOMI

SVENSKA

NORSK

РУССКИЙ

 JLIP



INSTRUCTIONS

BEDIENUNGSANLEITUNG
INSTRUCTIONS
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
ISTRUZIONI
INSTRUKTIONSBOG
KÄYTTÖOHJEET
BRUKSANVISNING
BRUKSANVISNING

ИНСТРУКЦИЯ



LYT0196-001A

Dear Customer,

Thank you for purchasing this VIDEO CAPTURE BOX. Before use, please read the safety information and precautions contained in the following pages to ensure safe use of this product.

It is recommended that you . . .

- refer to "Controls and Connectors" (☞ pg. 7) and familiarize yourself with connector locations before use.
- read thoroughly the Safety Precautions and Safety Instructions that follow. They contain extremely important information regarding the safe use of your new VIDEO CAPTURE BOX.

IMPORTANT (For owners in U.K.)**Connection to the mains supply in the United Kingdom.**

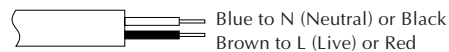
DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.

BE SURE to replace the fuse only with an identical approved type, as originally fitted, and to replace the fuse cover.

If nonetheless the mains plug is cut off ensure to remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply. If this product is not supplied fitted with a mains plug then follow the instructions given below:

DO NOT make any connection to the Larger Terminal coded E or Green.

The wires in the mains lead are coloured in accordance with the following code:



If these colours do not correspond with the terminal identifications of your plug, connect as follows:

Blue wire to terminal coded N (Neutral) or coloured black.

Brown wire to terminal coded L (Live) or coloured Red.

If in doubt — consult a competent electrician.

SAFETY PRECAUTIONS

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTIONS:

- To prevent shock, do not open the cabinet. No user serviceable parts inside. Refer servicing to qualified personnel.
- When you are not using the AC Adapter for a long period of time, it is recommended that you disconnect the power cord from the AC outlet.

NOTES:

- *The rating plate (serial number plate) and safety caution are on the bottom of the VIDEO CAPTURE BOX.*
- *The rating plate (serial number plate) of the AC Adapter is on its top.*

This unit is produced to comply with Standard IEC Publ. 65.

DO NOT attempt to insert foreign objects into the connectors, as this can lead to electric shock or fire. If an object is accidentally inserted, unplug it and contact your JVC dealer. Be especially careful with children.

If during use you notice that the VIDEO CAPTURE BOX is damaged, unplug it and contact your JVC dealer. Use of the VIDEO CAPTURE BOX under these conditions can lead to fire or electric shock.

DO NOT attempt to repair or modify the VIDEO CAPTURE BOX. Doing so may result in malfunctions or injury. If a problem occurs, contact your JVC dealer.

Failure to heed the following precautions may result in damage to the VIDEO CAPTURE BOX.

1. DO NOT place the VIDEO CAPTURE BOX . . .

.... in an environment prone to extreme temperatures or humidity.

.... in direct sunlight.

.... in a dusty environment.

.... in an environment where strong magnetic fields are generated.

.... on a surface that is unstable or subject to vibration. The unit may fall, causing injury.

2. DO NOT place heavy objects on the VIDEO CAPTURE BOX.

3. DO NOT place anything which might spill on top of the VIDEO CAPTURE BOX.

4. AVOID violent shocks to the VIDEO CAPTURE BOX during transport.

5. DO NOT leave the AC Adapter plugged in when the VIDEO CAPTURE BOX is not in use.

6. DO NOT use accessories other than those designated in the instructions. Use of others can lead to fire or electric shock.

7. DO NOT connect devices to the VIDEO CAPTURE BOX other than those designated in the instructions. Use of others can lead to malfunctions.

Batteries

- This VIDEO CAPTURE BOX requires 6 LR6 (AA)-size alkaline batteries. LR6 (AA)-size nickel-cadmium (Ni-Cd) or nickel-metal hydride (Ni-MH) batteries can also be used.
- Do not use manganese batteries as they do not have sufficient energy to power this VIDEO CAPTURE BOX.
- Use the batteries properly. The wrong use can cause them to leak, or become hot or damaged. When replacing the batteries, insert them with their (+) and (-) polarity marks properly aligned, as indicated by the orientation marking inside the battery cover.
- When the batteries become cold in cooler temperatures (below 10 °C), such as outdoors in winter, their lifetime shortens and they may cease to function. If this happens, place the batteries in your pocket or other warm, protected place for a short time, then re-insert them in the VIDEO CAPTURE BOX. We recommend using LR6 (AA)-size nickel-cadmium batteries as they can power the camera even at 0°C.
- If the (+) and (-) polarity marks are dirty with sweat or oil, this will cause contact failure. Wipe them off with a dry cloth, then use the batteries.
- Keep new batteries handy if you plan to use the VIDEO CAPTURE BOX for an extended period of time (for travel, etc.).
- Before using Ni-Cd or Ni-MH batteries, be sure to charge them fully using their designated battery charger.
- Since batteries become hot after they are exhausted, be careful when replacing them with new ones.
- If the batteries are not used for an extended period, remove them from the VIDEO CAPTURE BOX to avoid battery leakage, which can cause malfunctions to occur.
- Do not use different kinds of batteries or old and new batteries together.
- Do not expose the batteries to excessive heat, as it may cause them to leak or explode.
- Do not dispose of batteries in fire.
- Do not short-circuit the terminals. Keep them away from metallic objects when not in use.

How to handle a CD-ROM

- Take care not to soil or scratch the mirror surface (opposite to the printed surface). Do not write anything or put a sticker on either the front or back surface. If the CD-ROM gets dirty, gently wipe it with a soft cloth outward from the center hole using a circular motion.
- Do not use conventional disc cleaners or cleaning spray.
- Do not bend the CD-ROM or touch its mirror surface.
- Do not store your CD-ROM in a dusty, hot or humid environment. Keep it away from direct sunlight.

MAINTENANCE

If the inside of the VIDEO CAPTURE BOX is left dusty for a long time, its use can lead to fire or malfunction. Consult your JVC dealer on cleaning.

AC Adapter (Optional)

- DO NOT remove the cover and attempt to repair or modify the AC Adapter. Doing so may result in malfunctions or electrical shock and injury. If a problem occurs, contact your JVC dealer.
- Make sure the Power Cord is securely connected to the AC Adapter.
- When using the AC Adapter, use only the supplied Power Cord. Use of any other cord may result in shock or fire.
- Connect the Power Cord to the AC Adapter before connecting it to an AC outlet. If you plug it into an outlet first, and the Adapter's terminals come in contact with a metal surface or object, a short circuit or fire may result.
- Vibration noise can sometimes be heard coming from the inside of the AC Adapter. This is normal.
- The AC Adapter processes electricity internally, and will become warm during use. This is normal. Make sure to use the AC Adapter in well-ventilated areas only.

CAUTION:

Changes or modifications not approved by JVC could void user's authority to operate the equipment.

- **The Readme.TXT file provides additional information for setup and information that is not included in the instruction manual. Please read the file before installing the provided software program.**
- **You can find the latest information (in English) on the provided software program at our world wide web server at <http://www.jvc-victor.co.jp/>**

Two software programs are provided with the GV-CB3 JLIP package.

JLIP Video Capture Software

Video Capture Facility

Video images from video source units such as camcorders or VCRs can be captured as 768 x 552 still images with 16.77 million colors through the serial port (RS-232C) of a Windows®-operated computer.

JLIP Control Facility

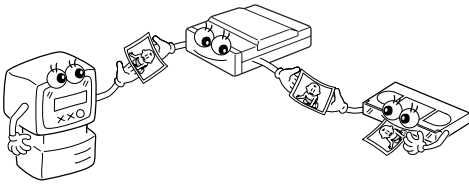
With a JLIP compatible camcorder or VCR,

- all basic video operations can be executed via the computer display;
- Up to 99 images can be captured automatically with Program Video Capture (playing tape — scanning — transferring to PC)

Data Sharing With JLIP Video Producer Software

Data can be imported from the JLIP Video Producer Software.

Data from the Video Capture Software can also be exported to the Video Producer Software for Program Playback or Assemble Editing.



JLIP Video Producer Software

JLIP Control Facility

With a JLIP-compatible camcorder, VCR or video printer (GV-PT2):

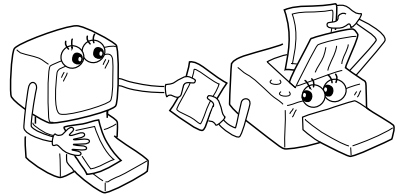
- all basic video operations can be executed on the computer display;
- allows programmed video playback (up to 99 programs) or assemble editing;
- print command can be issued to the GV-PT2 video printer

Data Sharing with the Video Capture Software

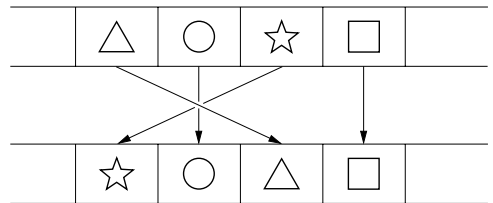
Video Capture Software data can be exported to the Video Producer Software.

Assemble Editing

Selected scenes on a pre-recorded tape can be edited in a specified sequence.

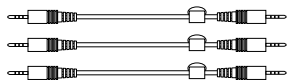


Pre-recorded tape
(on camcorder)

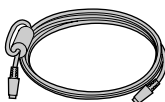


Recording tape
(on VCR)

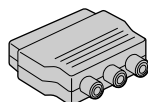
After opening the carton, check that all of the following items are included.



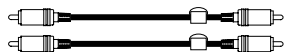
**3.5 mm diameter 4-pole
cable x 3**



**S-Video cable
Approx. 1.5 m**



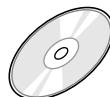
Cable adapter



**Video cables x 2
Approx. 1.5 m**



**LR6 (AA)-size
alkaline
battery x 6**



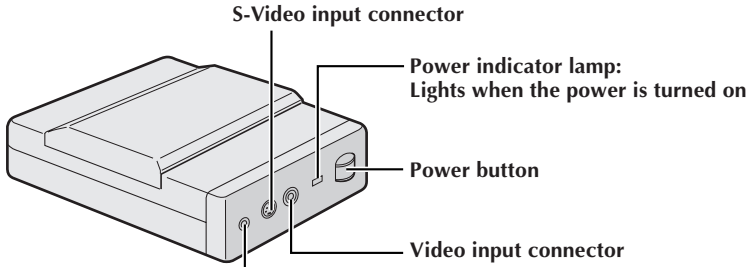
CD-ROM

- JLIP Video Capture Software
- JLIP Video Producer Software*
- MGI PhotoSuite SE



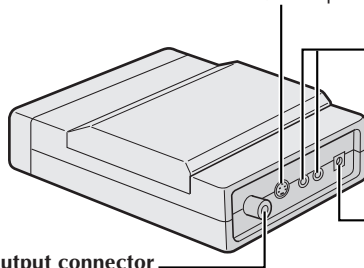
**PC connection cable
(for PC/AT compatible computers)**

* For owners of GR-DV1, GR-DVJ70, GR-DV1LTD, GR-DVM1, GR-DVM801: With these models, special effects and scene transitions cannot be controlled by JLIP Video Producer.



JLIP connector
(JLIP: Joint Level Interface Protocol)
• Connect to a JLIP-compatible camcorder or VCR for operation via a PC

Digital connector
• Connect to computer's RS-232C terminal (COM port)

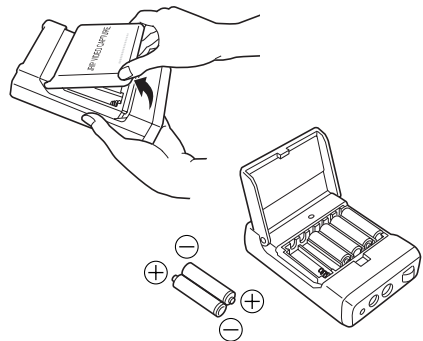


How to load the batteries

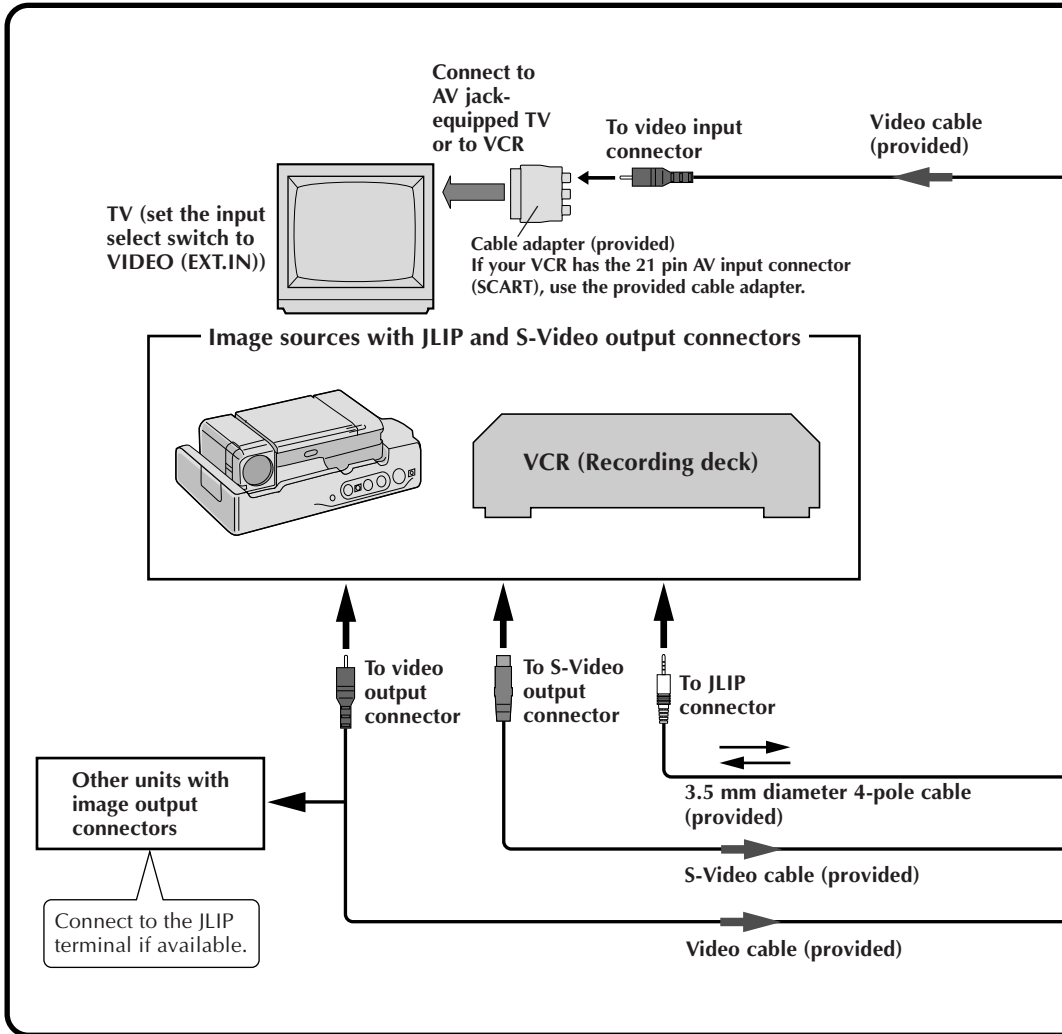
The JLIP Video Capture Box can be powered with alkaline batteries (AA).

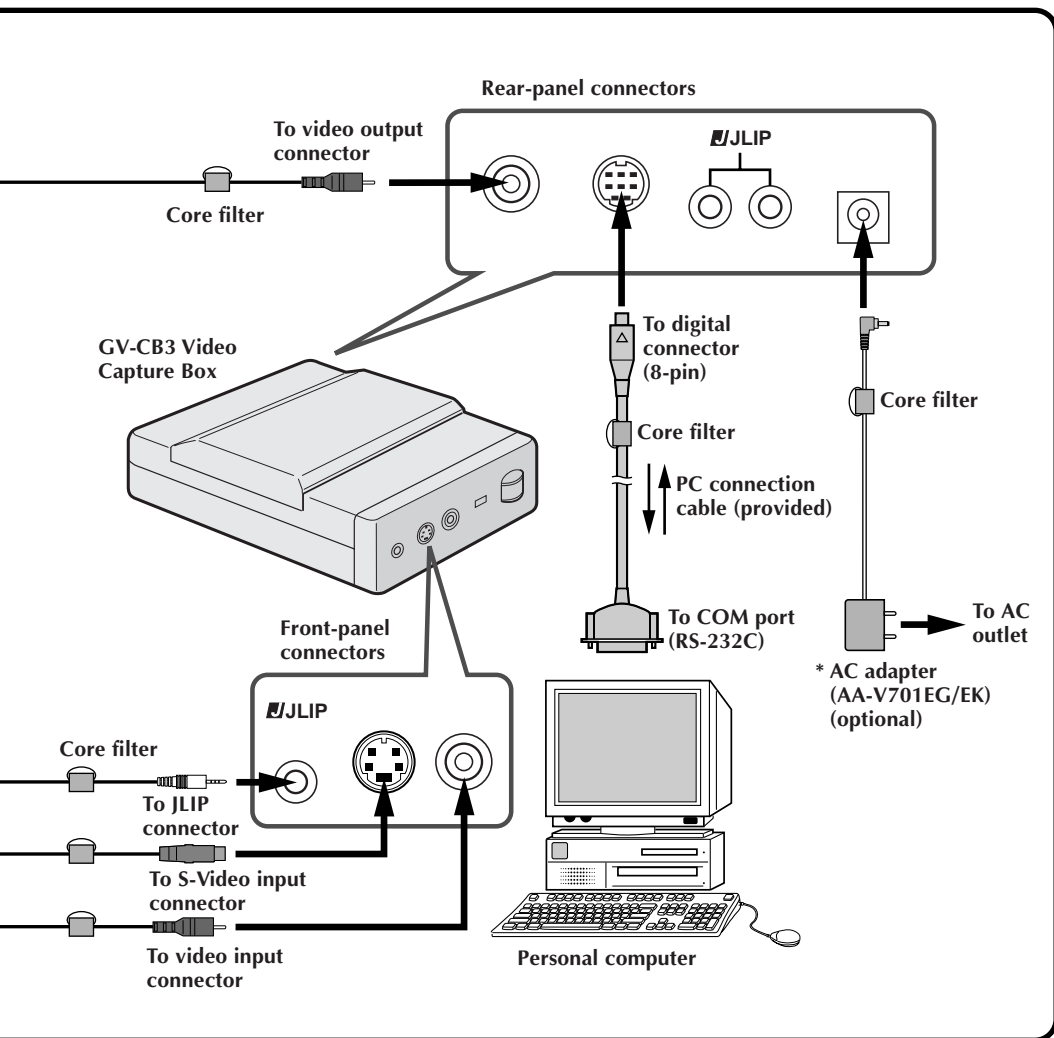
- Place six alkaline batteries in the battery compartment.
- Be sure to align the batteries correctly.
- Remove the batteries if you're not going to be using the unit for a long time.
- Handle the batteries with care as they are very hot immediately after use.

Open the lid.



- Make sure all units are turned off before making any connections.
- The video images will be displayed on your TV. You cannot view the images on your computer monitor.
- When connecting the provided cables, be sure to connect the terminals with core filters to the GV-CB3 Video Capture Box.

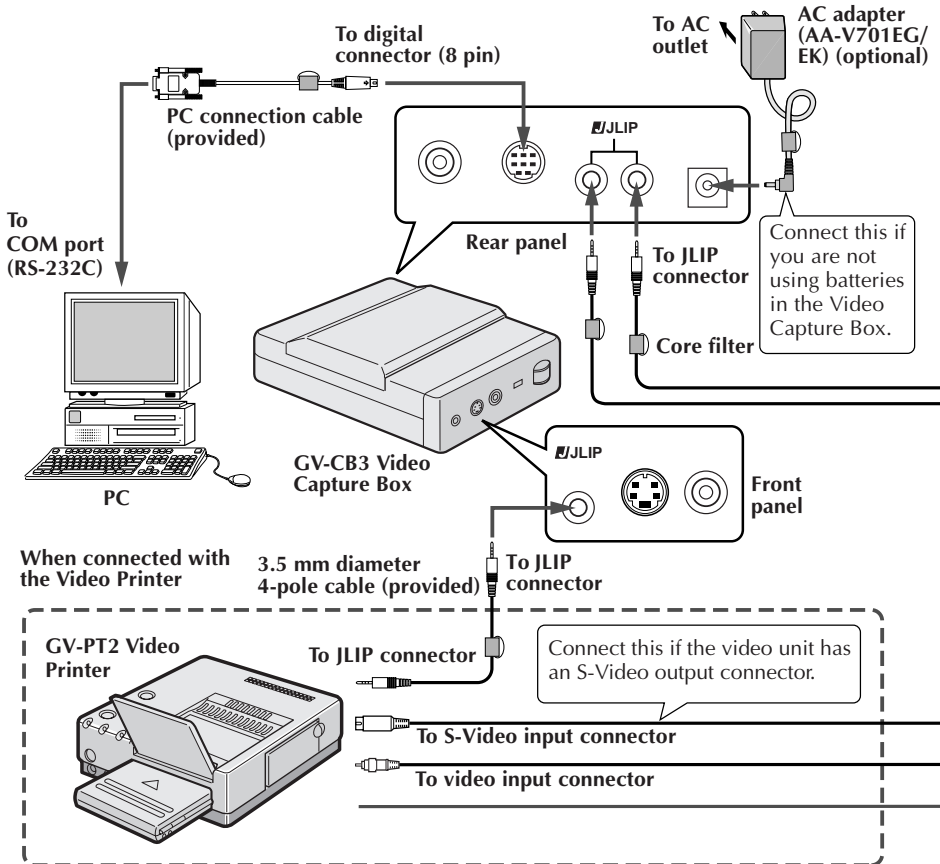




* Connect this if you are not using batteries in the Video Capture Box.

WHEN CONNECTING TO A VIDEO SOURCE UNIT WITH JLIP CONNECTOR OR TO A VIDEO PRINTER

- Be sure to turn off the power of all connected units before making any connections.
- When connecting the provided cable, be sure to connect the plug with the core filter to the GV-CB3 Video Capture Box.



If you edit using a non-JVC VCR...

It is possible to use the remote control unit provided with your JVC camcorder. Also refer to the camcorder's instructions on connection and operation with your brand of VCR.

NOTE:

Some VCR brands or models cannot be operated.

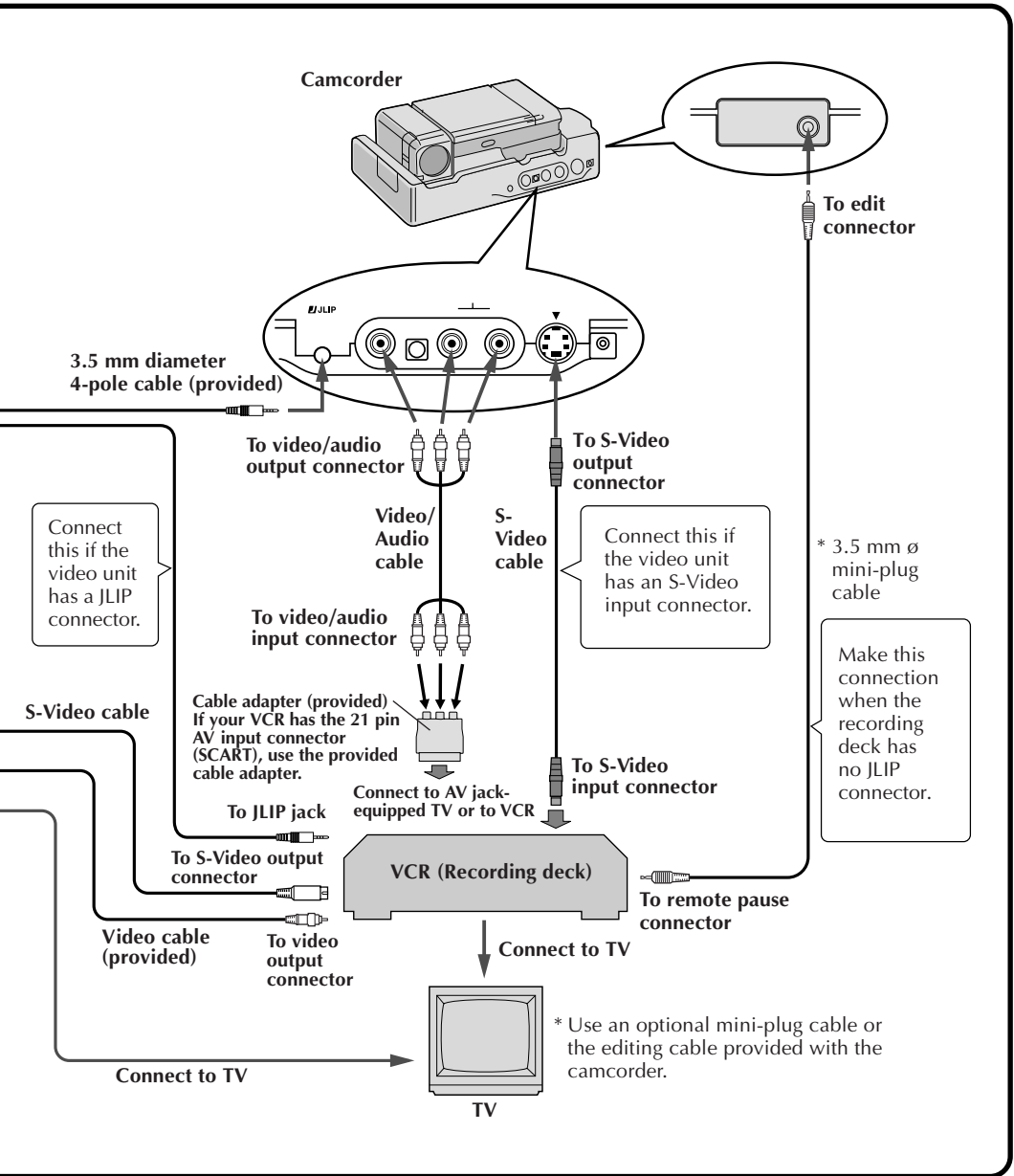
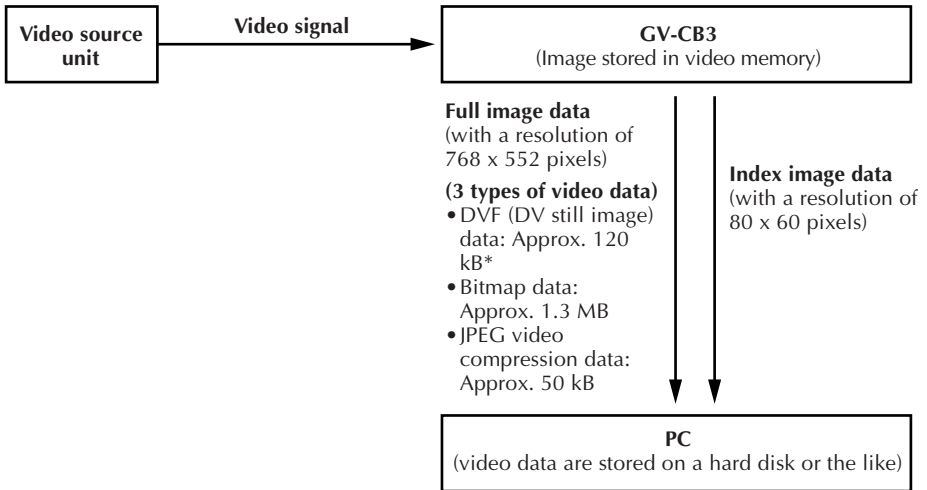


Image data flow (When Using JLIP Video Capture Software)



* If you use a video source unit which outputs a digital signal through the JLIP connector, you can store images in the DVF (DV still image) format.

When storing full image data on a 2HD disk,

- An image saved in the bitmap data format can be stored on one disk.
- About 28 images saved in the JPEG video compression format can be stored on one disk.

This is the case when using floppy disks formatted for 1.44 MB.

NOTE:

- The index image is displayed in the image display box.
- Each time the image display box is double-clicked, the full image data (768 x 552 pixels) is displayed only after full image data transfer is finished.

JLIP VIDEO CAPTURE BOX (GV-CB3)

Connectors

S-Video : Input Y : 1.0 Vp-p 75 ohms
C : 0.3 Vp-p 75 ohms

Video : Input 1.0 Vp-p 75 ohms (pin jack)
: Output 1.0 Vp-p 75 ohms (pin jack)

JLIP (x 3) : 3.5 mm dia. 4-pole, mini-head jack

Digital : Mini DIN 8-pin

DC input : DC 7.5 V (powered from optional AC adapter)

Capture image size : 768 x 552 pixels, 80 x 60 pixels

Operating temperature : 5 – 30° C

Dimensions : 100 W x 37 H x 149 D mm

Weight : Approx. 236 g

Optional Accessory

- AC adapter AA-V701EG/EK

