

Read this first! — How to handle the Digital Media Camera —

ENGLISH

Please read this together with the instruction manual before using the camera. The advanced operation manual is provided as HTML format in the provided CD-ROM. Refer to "For Advanced Operations" page 32 of the instruction manual (printed edition).

■ Make a backup of important recorded data

Protect your important recorded data by copying the files to PC. It is recommended to copy it from your PC to a DVD or other recording media for storage. Refer to "Connections" on page 10 of "SOFTWARE INSTALLATION AND USB CONNECTION GUIDE".

■ Make a trial run before recording important data

Play back the recorded data to check that the video and sound have been recorded correctly. Refer to "BASIC OPERATIONS" on page 19 – 25 of the instruction manual (printed edition).

■ Reset the camera if it does not operate correctly

This camera uses a microcomputer. Factors such as background noise and interference can prevent it from operating correctly. If the camera does not operate correctly, press and hold **MENU** and **MODE** simultaneously for approx. 5 seconds to reset the camera. If the problem still exists, set the power switch to [OFF] and remove the power supply (battery pack or AC adapter) from the camera, then put it back again.

■ Check the compatible recording media

The following recording media have been guaranteed to work with this camera. Others are not guaranteed to work, so buy such products with caution.

Removable hard disks: Microdrive® from Hitachi

CompactFlash cards: By LEXAR, SanDisk and Hagiwara Sys-com

SD memory cards: By Panasonic, Toshiba and SanDisk

- If other media are used, they may fail to record data correctly, or they may lose data that has already been recorded.
- Microdrive® of 1GB or below are not supported.
- MultiMediaCards are not supported.
- For video recording and continuous shooting of still images, use a removable hard disk, high-speed CompactFlash card (at least 40x speed) or SD memory card (at least 10 MB/s).

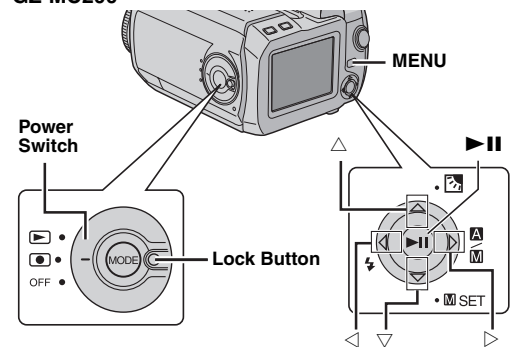
■ Format recording medium before using

Before using this camera, use the Format function [FORMAT] in the menu to format the provided removable hard disk. Also, be sure to format newly-purchased CF cards (removable hard disk/CompactFlash card) and SD cards with this camera before using them. This enables stable speeds and operation when accessing the recording medium.

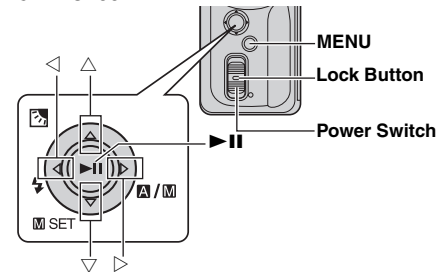
To format

- (1) Set the power switch to while pressing down the lock button located on the switch.
- (2) Press **MENU**.
- (3) Press $\Delta \nabla$ to select [MEMORY CARD SETTING], then press $\blacktriangleright \blacksquare$.
- (4) Press $\Delta \nabla$ to select [FORMAT], then press $\blacktriangleright \blacksquare$.
- (5) Press $\Delta \nabla$ to select [CF SLOT] or [SD SLOT], then press $\blacktriangleright \blacksquare$.
- [CF SLOT]: Removable hard disk or CompactFlash card
- [SD SLOT]: SD memory card
- (6) Press $\Delta \nabla$ to select [EXECUTE], then press $\blacktriangleright \blacksquare$.

GZ-MC200



GZ-MC100



■ Take care to hold the camera correctly during recording

Do not cover the area near the lens, stereo microphone, camera sensor, flash, or flash sensor with your finger or any object while recording. Refer to "Index" on page 6 – 7 of the instruction manual (printed edition).

■ Bring your camera together with the removable hard disk

When requesting repairs for breakdowns by your dealer or JVC service center, be sure to bring your camera together with the removable hard disk. If one of them is not included, the cause cannot be diagnosed, and the repair cannot be made properly.

Preparations

■ Storage destination for video, still images and voice files
The initial default setting is to record all video, still image and voice files to CF card. To record them to SD card, change [VIDEO MODE], [IMAGE MODE], [VOICE MODE] under [MEMORY CARD SETTING] to [SD SLOT]. Refer to "Selecting Recording Medium" on page 17 of the instruction manual (printed edition).

Power supply

- When the CF card cover (GZ-MC200) or the rear panel (GZ-MC100) is opened or the SD card is removed while the power is on
To protect the data in the recording medium, the power is automatically turned off. Use the power switch to turn on the power again.
- When a certain length of time passes without operation
- When using the battery, the power is turned off automatically to conserve power. Use the power switch to turn on the power again.
- When using the AC adapter, the access lamp lights up, and the LCD turns off (the camera enters the sleep mode). Operation is restored once any operation is made.

Recording

- Switching to manual mode
Switch to manual mode when you want to adjust the focus manually or add video effects etc. when recording. Press and hold \triangleright () so that is displayed at the top left of the screen.
- Continuous shooting speed of still images
The continuous shooting speed will drop when repeatedly making continuous shots, when using certain recording medium, or under certain recording conditions. Refer to "Continuous Shooting" on page 22 of the instruction manual (printed edition).
- When [RECORDING FAILURE] appears
 - Performance of recording medium is poor.
 - Use the Cleanup function [CLEAN UP] in the menu.
 - The writing speed of recording medium is slow, or the recording medium is corrupted.
 - Use the recording medium to which the operation is guaranteed. Refer to "Check the compatible recording media" on the left column.
 - The recording medium was subjected to vibrations or jolts.
 - Be careful not to subject the recording medium to vibrations or jolts.

Playback

- Date and time indicator during video playback
The date and time are not displayed during video playback. The recording start date and time can be checked in the file information by pressing **INFO** when video is paused.
- To turn off the display indications during video and still image playback
Press **INFO** to change the display indications.

■ To select the file for playback on the index display:

- (1) Video files: Slide the zoom lever to [W] while playback is paused.
Still image files: Slide the zoom lever to [W] when a recorded image is displayed.
Voice file: Slide the zoom lever to [W] while playback is paused.
- (2) Press $\Delta \nabla \triangleleft \triangleright$ to select the desired file.
- (3) Press $\blacktriangleright \blacksquare$ to start playback.

■ If the surface of the hard disk is damaged

Any damage or other defect on the hard disk surface makes it difficult to read data. This camera will make all possible efforts to read data, but the same image may be displayed for a long time during video playback, or motion may be choppy. There may be periods of silence during voice playback. When such a state continues for some time, and further playback is impossible, it will stop automatically.

■ At splice points between scenes in video playback:

The image may freeze momentarily, and sound may be interrupted, but that does not indicate a malfunction.

Miscellaneous points

- If the recording medium contains a large number of still images (approximately 1,000 or more)
Processing may take a long time after the power is switched on or the mode is changed, if there is a large number of still images (approximately 1,000 or more) stored in the recording medium. Copy the stored files to a PC, and delete them from the recording medium.

Read this first!

— Software Installation And USB Connection Guide Supplement —

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Please read this together with the instruction manual before using the software.

■ When playing back a file in the recording medium on your PC
Copy the file to your PC, and then play it back. If video file is played back directly from recording medium (i.e. the camera is connected through USB to your PC), it may be not played back properly due to the inadequate processing speeds or other problems. Also use the provided PowerDVD 5 NE software to play back video files.

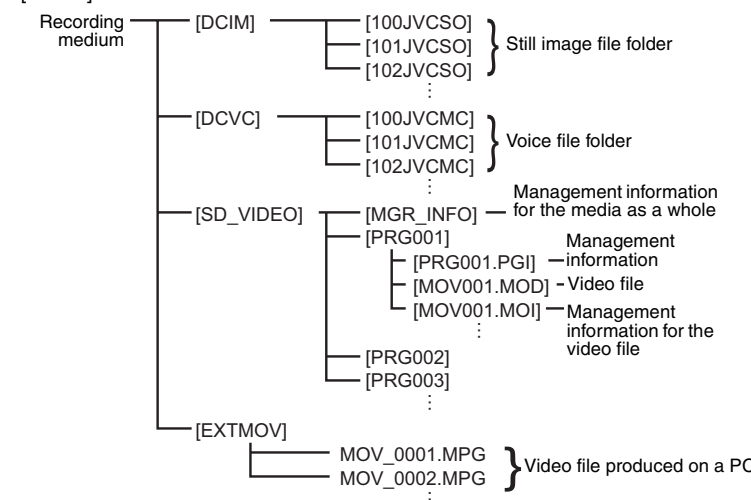
■ When copying the file in the recording medium to your PC
File transfer takes considerable time in PCs using USB 1.1. Usage of a PC that supports USB 2.0 is recommended.

■ Folder structure within the recording medium

Video files: Stored in the [PRGxxx] folder (where xxx is a number), within the [SD_VIDEO] folder.

Still image files: Stored in the [xxxJVCISO] folder (where xxx is a number), within the [DCIM] folder.

Voice files: Stored in the [xxxJVCMC] folder (where xxx is a number), within the [DCVC] folder.



Management information: Information such as the date and time of recording, recorded with the video file.

■ When [VIDEO MANAGEMENT FILE IS BROKEN] appears

Press $\Delta \nabla$ to select [YES], then press $\blacktriangleright \blacksquare$ to recover the video management file. If the desired video file is not displayed on the video index screen in spite of the file recovery, the file is moved to the [EXTMOV] folder. Press the recording start/stop button in the index screen to display [MPG], and then select the desired file. (Refer to "— Software Installation And USB Connection Guide Supplement —" below for the [EXTMOV] folder.)

■ Direct printing with a PictBridge printer

After selecting [DIRECT PRINT] in the menu, connect the USB cable. If the printer is not recognized, or to print again after direct printing with a PictBridge Printer, remove the USB cable, select [DIRECT PRINT] in the menu again, and then reconnect the cable.

■ DPOF index screen

- While a still image is selected and the zoom lever is pushed to [T] side, the preview of the selected still image is displayed.
- If [CHECK SETTINGS] is selected to confirm the DPOF setting, it is not possible to cancel the setting by pressing $\blacktriangleright \blacksquare$ on the index screen. To cancel the setting, set the number of prints to "0".

■ Video file names

Video file names are assigned as sequential hexadecimal numbers.

NOTE:

For the index display, manual focus, video effects, format, cleanup, direct printing and DPOF, refer to the advanced operation manual provided as HTML format in the CD-ROM. See page 32 of the instruction manual (printed edition) for details.

NOTES:

- Any folders or files other than those described above are recorded in the recording medium.
- Do not delete, move or rename folders and files within the medium on PC.
- File types and extensions
Video files: MPEG2 files, extension is ".mod"
Still image files: JPEG files, extension is ".jpg"
Voice files: WAVE files, extension is ".wav"
- How to copy video files from the PC
To use the camera to play back video files (MPEG2 files, with the extension ".mpg") which have been edited using the provided software, change the file name to "MOV_xxxx.mpg" (where xxx is a number) and move it to the [EXTMOV] folder. The following video files cannot be played back on the camera:
 - Files which do not have correct file names
 - Files which are not in MPEG2 format
 - Files prepared on any application other than the provided software
 - Edited files which were not produced on a JVC Digital Media Camera
 Also, be sure to turn off the SVRT function when editing the video files using PowerDirector Express NE. (Do not check the checkbox [Use SVRT to save rendering time].)
- How to play back video files from the [EXTMOV] folder
On the index display of video files, press the recording start/stop button to display "MPG" on the screen. After that, follow the usual operation for playback. However, the forward/reverse skip search, frame-by-frame playback and playlist functions are not available.
- Even if PowerDirector/PowerProducer/PowerDVD have already been installed on the PC
Video files captured with this camera can only be handled on the provided software. Please install and use the provided software (PowerDirector Express NE, Power Producer 2 Gold NE, PowerDVD 5 NE). If PowerDirector/PowerProducer/PowerDVD have already been installed, uninstall them before installing the provided software.
- CyberLink Technical Support
For details of CyberLink technical support, refer to the following website:
<http://www2.cli.co.jp/products/ne/>

After reading this sheet, store it together with the instruction manual, and refer to it when necessary.