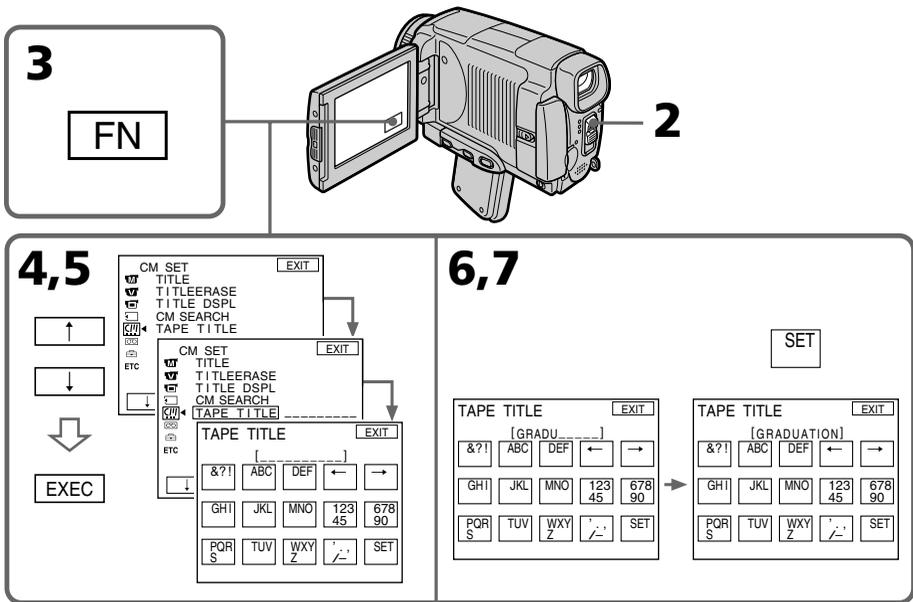


Labelling a cassette

The label can consist of up to 16 characters and is stored in cassette memory. When you insert the labelled cassette and set the POWER switch to CAMERA or VCR, the label is displayed for about 5 seconds.

- (1) Insert the cassette you want to label.
- (2) Set the POWER switch to CAMERA or VCR.
- (3) Press FN to display PAGE1.
- (4) Press MENU, then select TAPE TITLE in  in the menu setting, then press EXEC (p. xx).
- (5) Select a desired character. Repeat pressing a key to select the desired character on the key.
- (6) Press → to move the cursor for the next character. Repeat the same procedure as step 5 and 6 to complete the label.
- (7) Press SET. The label is stored in memory.



To return to FN

Press EXIT.

To erase the label you have made

Select ← in step 6. The last character is erased.

To change the label you have made

Insert the cassette to change the label, and operate in the same way to make a new label.

Labelling a cassette

If you set the write-protect tab of the tape to lock

You cannot label the tape. Slide the write-protect tab to release the write protection.

To erase the title

Press ←. The last character is erased.

To enter a space

Press →.

To enter the character on the same button in succession

Press → to move the cursor to the next position, and enter the character.

Erasing all the data in Micro Cassette Memory

You can delete all the data (cassette title, date, photo, thumbnail, and cassette information) in Micro Cassette Memory at once.

- (1) Set the POWER switch to CAMERA or VCR.
- (2) Press FN to display PAGE1.
- (3) Press MENU, then select ERASE ALL in  in the menu settings, then select OK.
- (4) Select ERASE OK? and the press EXEC.
- (5) Select EXECUTE and then press EXEC. "ERASING" flashes on the screen. Once deleting is completed, "COMPLETE" is displayed.

To return to FN

Press EXIT.

To cancel deleting

Select RETURN in step 4, then press EXEC.

Note

Once you delete all the data in the Micro Cassette Memory, the following operations do not work:

- Multi-picture search
- Title search
- Date search

Note on the ID number

This item cannot be deleted.

Using a “Memory Stick”– introduction

You can record and play back images on a “Memory Stick” supplied with your camcorder. You can easily play back, record or delete images. You can exchange image data with other equipment such as your computer etc., using the USB cable for “Memory Stick” supplied with your camcorder.

File format

Still image (JPEG)

Your camcorder compresses image data in JPEG format (extension .jpg).

Moving picture (MPEG)

Your camcorder compresses picture data in MPEG format (extension .mpg).

Typical image data file name

Still image

100-0001: This file name appears on the screen of your camcorder.

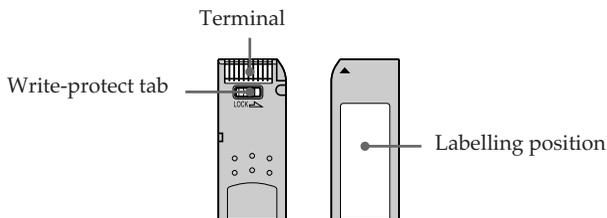
DSC00001.jpg: This file name appears on the display of your computer.

Moving picture

MOV10001: This file name appears on the screen of your camcorder.

Mov10001.mpg: This file name appears on the display of your computer.

Using a “Memory Stick”



- You cannot record or erase images when the write-protect tab on the “Memory Stick” is set to LOCK.
- The position and shape of the write protect tab may be different depending on the model.
- We recommend backing up important data on the hard disk of your computer.
- Image data may be damaged in the following cases:
 - If you remove the “Memory Stick”, turn the power off or detach the battery for replacement when the access lamp is flashing
 - If you use “Memory Stick”s near magnets or magnetic fields such as those of speakers and televisions
- Prevent metallic objects or your finger from coming into contact with the metal parts of the connecting section.
- Stick its label on the labelling position.
- Do not bend, drop or apply strong shock to “Memory Stick”s.
- Do not disassemble or modify “Memory Stick”s.
- Do not let “Memory Stick”s get wet.
- Do not use or keep “Memory Stick”s in locations that are:
 - Extremely hot such as in a car parked in the sun or under the scorching sun
 - Under direct sunlight
 - Very humid or subject to corrosive gases
- When you carry or store a “Memory Stick”, put it in its case.

Using a “Memory Stick” – introduction

“Memory Stick”s formatted by a computer

“Memory Stick”s formatted by Windows OS or Macintosh computers do not have a guaranteed compatibility with this camcorder.

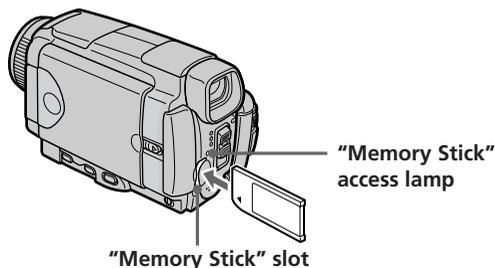
Notes on image data compatibility

- Image data files recorded on “Memory Stick”s by your camcorder conform with the Design Rules for Camera File Systems universal standard established by the JEITA (Japan Electronics and Information Technology Industries Association).
On your camcorder, you cannot play back still images recorded on other equipment (DCR-TRV890E/TRV900/TRV900E or DSC-D700/D770) that does not conform to this universal standard. (These models are not sold in some areas.)
- If you cannot use the “Memory Stick” that is used with other equipment, format it with this camcorder (p. xx). Note that formatting erases all information on the “Memory Stick.”

-
- “Memory Stick” and  are trademarks of Sony Corporation.
 - Windows and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
 - Macintosh and Mac OS, QuickTime are trademarks of Apple Computer, Inc.
 - Pentium is either registered trademarks or trademarks of Intel Corporation in the United States and/or other countries.
 - All other product names mentioned herein may be the trademarks or registered trademarks of their respective companies.
- Furthermore, “™” and “®” are not mentioned in each case in this manual.

Inserting a “Memory Stick”

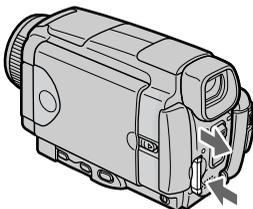
Position the ► mark on the “Memory Stick” as illustrated, and insert a “Memory Stick” in the “Memory Stick” slot as far as it can go.



Using a “Memory Stick” – introduction

Ejecting a “Memory Stick”

Press the “Memory Stick” once lightly.



While the “Memory Stick” access lamp is lit or flashing

Do not shake or strike your camcorder because your camcorder is reading the data from the “Memory Stick” or recording the data on the “Memory Stick”. Do not turn the power off, eject a “Memory Stick” or remove the battery pack. Otherwise, image data breakdown may occur.

If “ MEMORYSTICK ERROR” is displayed

Reinsert “Memory Stick” a few times. The “Memory Stick” may be damaged if the indicator is still displayed. If this occurs, use another “Memory Stick.”

Using a touch panel

Operation buttons for most functions using a “Memory Stick” are displayed on the LCD screen. Press the LCD panel directly with your finger or the supplied stylus to operate each function.

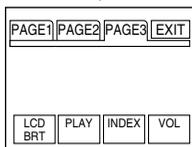
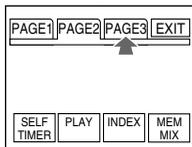
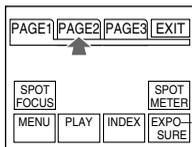
- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Slide OPEN in the direction of the arrow indicated on the camcorder to open the LCD panel. The operation buttons appear on the LCD screen. You can switch the memory playback/memory camera mode by pressing PLAY/CAM.
- (3) Press FN. The operation buttons appear on the LCD screen.
- (4) Press PAGE2 to go to PAGE2. The operation buttons appear on the LCD screen.
- (5) Press PAGE3 to go to PAGE3. The operation buttons appear on the LCD screen.
- (6) Press a desired operation item.
See relevant pages for each function.

Using a “Memory Stick” – introduction

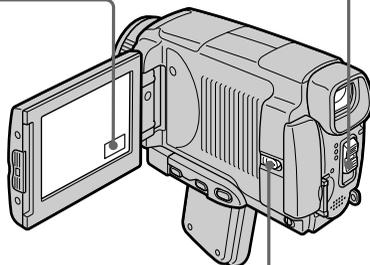
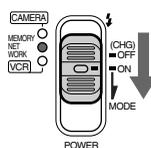
3~6

FN

In the memory camera mode

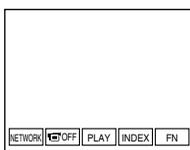


1

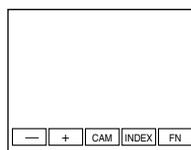


2

In the memory camera mode



In the memory playback mode (still image)



To return to FN

Press EXIT.

To execute settings

Press EXEC or ↵ OK.

To cancel settings

Press ↵ OFF or ↵ AUTO. The display returns to PAGE1, 2 or 3.

Using a “Memory Stick” – introduction

Notes

- When using the touch panel, press operation buttons with your thumb supporting the LCD screen from the back side of it or press those buttons lightly with your index finger.
- Do not press the LCD screen with sharp objects other than the stylus supplied.
- Do not touch the LCD screen with wet hands.
- If FN is not on the LCD screen, touch the LCD screen lightly to make it appear. You can control the display with DISPLAY/TOUCH PANEL on your camcorder.
- When operation buttons do not work even if you press them, an adjustment is required (CALIBRATION) (p. xxx).
- When the LCD screen gets dirty, use the supplied cleaning cloth.

When executing each item

The green bar appears above the item.

If the items are not available

The color of the items changes to grey.

Touch panel

You can operate with the touch panel using the viewfinder (p. xx).

Press FN to display the following buttons:

In the memory camera mode

PAGE1	SPOT FOCUS, MENU, PLAY, INDEX, SPOT METER, EXPOSURE
PAGE2	SELFTIMER, PLAY, INDEX, MEM MIX
PAGE3	LCD BRT, PLAY, INDEX, VOL

In the memory playback mode

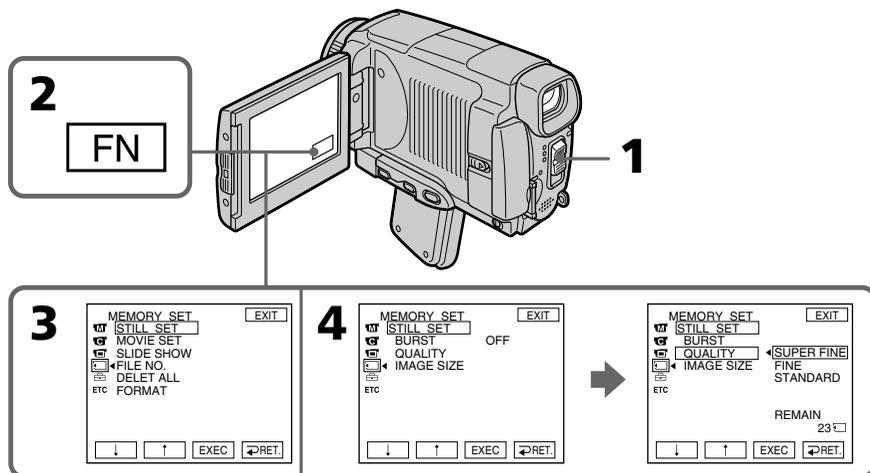
PAGE1	MENU, CAM, INDEX, DELETE, <input type="button" value="+"/> , <input type="button" value="-"/>
PAGE2	PB ZOOM, CAM, INDEX, DATA CODE, <input type="button" value="+"/> , <input type="button" value="-"/>
PAGE3	LCD BRT, CAM, INDEX, VOL, <input type="button" value="+"/> , <input type="button" value="-"/>

Using a “Memory Stick” – introduction

Selecting still image quality mode

You can select the image quality mode in still image recording. The default setting is SUPER FINE.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45) or VCR.
- (2) Press FN to display PAGE1.
- (3) Press MENU, then select STILL SET in  in the menu settings, then press EXEC (p. xxx).
- (4) Select QUALITY with ↓/↑, then press EXEC.
Press ↓/↑ to select the desired image quality, then press EXEC.



To return to FN

Press EXIT.

Image quality settings

Setting Meaning

SUPER FINE (SFN)	This is the highest image quality in your camcorder. The number of still images you can record is less than in FINE mode. Super fine images are compressed to about 1/3.
FINE (FINE)	Use this mode when you want to record high quality images. Fine images are compressed to about 1/6.
STANDARD (STD)	This is the standard image quality. Standard images compressed to about 1/10.

Using a “Memory Stick” – introduction

Note

In some cases, changing the image quality mode may not affect the image quality, depending on the type of images you are shooting.

Differences in image quality mode

Recorded images are compressed in JPEG format before being stored in memory. The memory capacity allocated to each image varies depending on the selected image quality mode and image size. Details are shown in the table below. (You can select 1152 × 864 or 640 × 480 image size in the menu settings.)

1152 × 864 image size

Image quality mode	Memory capacity
--------------------	-----------------

SUPER FINE	About 600 KB
------------	--------------

FINE	About 300 KB
------	--------------

STANDARD	About 200 KB
----------	--------------

640 × 480 image size

Image quality mode	Memory capacity
--------------------	-----------------

SUPER FINE	About 190 KB
------------	--------------

FINE	About 100 KB
------	--------------

STANDARD	About 60 KB
----------	-------------

Image quality mode indicator

The image quality mode indicator is not displayed during playback.

When you select image quality

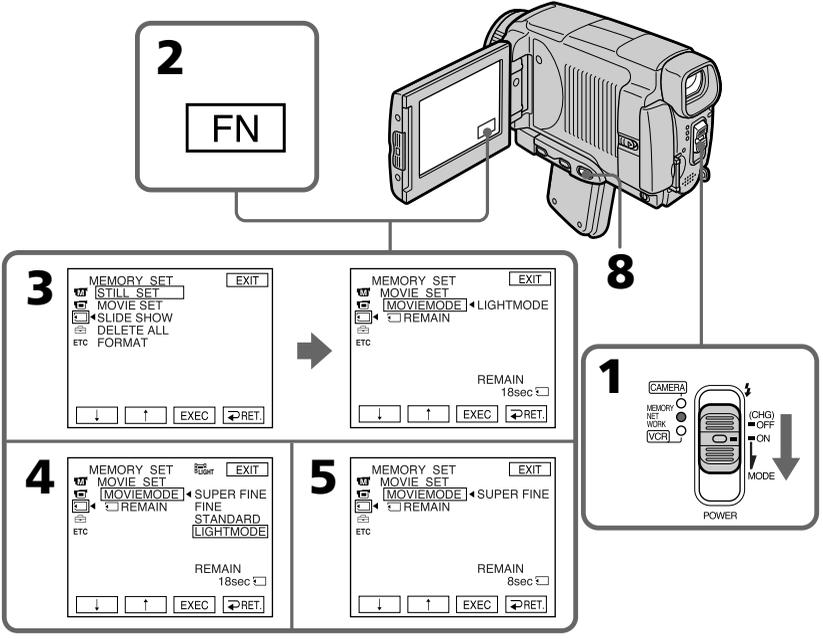
The number of images you can shoot in the currently selected image quality appears on the screen.

Using a “Memory Stick” – introduction

Setting the moving picture quality mode

You can select the moving picture quality mode. The default setting is SUPER FINE.

- (1) Set POWER switch to MEMORY /NETWORK for DCR-IP55 (MEMORY for DCR-IP45) or VCR.
- (2) Select FN to display PAGE1.
- (3) Press MENU, then select MOVIE SET in  in the menu settings, then press EXEC (p.xx).
- (4) Press ↓/↑ to select IMAGE SIZE, then press EXEC.
- (5) Press ↓/↑ to select the desired image size, then press EXEC.



Using a “Memory Stick” – introduction

Image quality settings

Setting	Meaning	Frame rate	Bit rate (image and audio)	Indicator (during playback)
SUPER FINE (Indicator: SFN)	Records moving pictures at 352 × 240.	30 fps	1200 Kbps	
FINE (Indicator: FINE)	Records moving pictures at 352 × 240.	30 fps	750 Kbps	
STANDARD (Indicator: STD)	Records moving pictures at 144 × 96.	10 fps	400 Kbps	
LIGHTMODE (Indicator: LIGHT)	Records moving pictures at 144 × 96.	10 fps	200 Kbps	

SUPER FINE: You can record moving pictures at the highest quality. This mode is suitable when you intend to modify the pictures using your computer. SUPER FINE is the default setting of the camcorder.

FINE: You can record moving pictures for a longer time than with the SUPER FINE mode, the quality, however, declines slightly.

STANDARD: You can record moving pictures for a longer time than with the FINE mode, the image size, however, is smaller.

LIGHTMODE: Since the file size is small, this mode is suitable for e-mail transmission. The image quality, however, declines.

Note on frame rate

A moving picture consists of continuous still images. Frame rate indicates the number of images played back in one second. The more the number increases, the more natural the moving picture becomes.

Note on bit rate

The higher the transmission rate, the more natural the moving picture becomes.

Maximum recording time for moving pictures

Image quality mode	Maximum recording time
SUPER FINE	45 s
FINE	1 min 10 s
STANDARD	2 min 20 s
LIGHTMODE	4 min 40 s

Using a "Memory Stick" – introduction

Selecting the size of still image

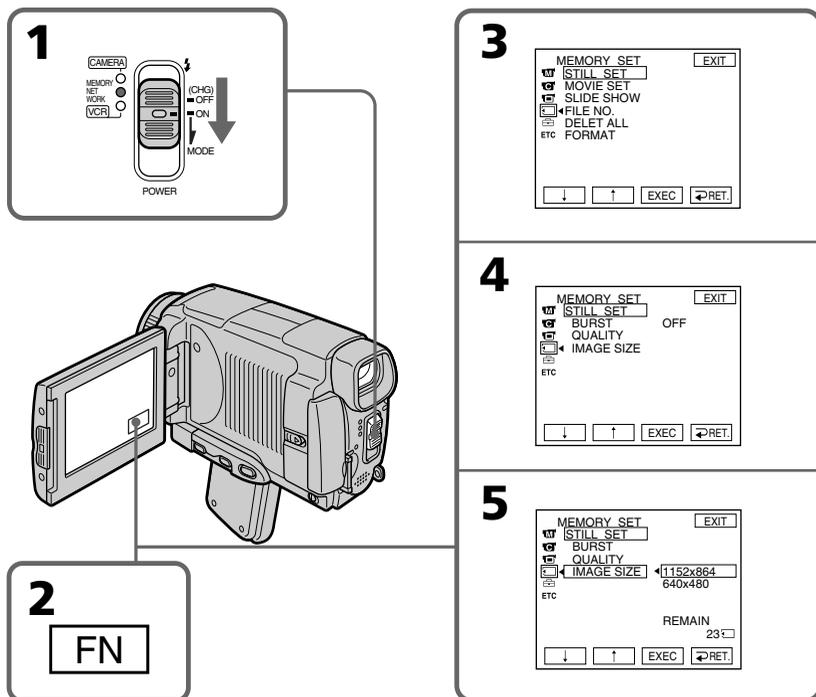
You can select either of two image sizes

Still images: 1152 × 864 or 640 × 480. (When the POWER switch is set to VCR, the image size is automatically set to 640 × 480.)

The default setting is 1152 × 864.

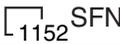
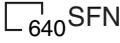
- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press FN to display PAGE1.
- (3) Press MENU, then select STILL SET (still image) in  in the menu setting, then press EXEC (p. xxx).
- (4) Press ↓/↑ to select IMAGESIZE, then press EXEC.
- (5) Press ↓/↑ to select the desired image size, then press EXEC.

The indicator changes as follows:



Using a “Memory Stick” – introduction

Image size settings

Setting	Meaning	Indicator	
		Recording	Playback
1152 × 864	Records 1152 × 864 still images.	 1152 SFN	 1152
640 × 480	Records 640 × 480 still images.	 640 SFN	 640

Approximate number of still images you can record on a “Memory Stick”

The number of images you can record varies depending on which image quality mode you select and the complexity of the subject.

Image quality	Image size	Type of “Memory Stick”s				
		8 MB (supplied)	16 MB (optional)	32 MB (optional)	64 MB (optional)	128 MB (optional)
SUPER FINE	1152 × 864	12 images	25 images	51 images	100 images	205 images
	640 × 480	40 images	80 images	160 images	325 images	650 images
FINE	1152 × 864	25 images	50 images	100 images	205 images	415 images
	640 × 480	80 images	160 images	325 images	650 images	1310 images
STANDARD	1152 × 864	37 images	74 images	150 images	300 images	600 images
	640 × 480	120 images	240 images	485 images	980 images	1970 images

“Memory Stick” operations

Approximate time of moving pictures you can record on a “Memory Stick”

The time of moving pictures you can record varies depending on the complexity of the subject.

Quality	“Memory Stick”				
	8 MB	16 MB	32 MB	64 MB	128 MB
SUPER FINE	45 s	1 min	5 min	6 min	13 min
FINE	1 min	2 min	5 min	10 min	20 min
STANDARD	2 min	5 min	10 min	20 min	41 min
LIGHTMODE	5 min	10 min	20 min	41 min	82 min

The table above shows approximate number and times of still images and moving pictures you can record on a “Memory Stick” formatted by your camcorder.

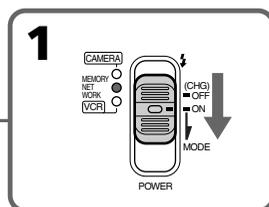
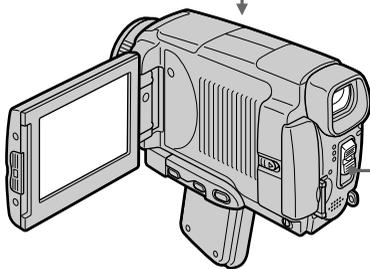
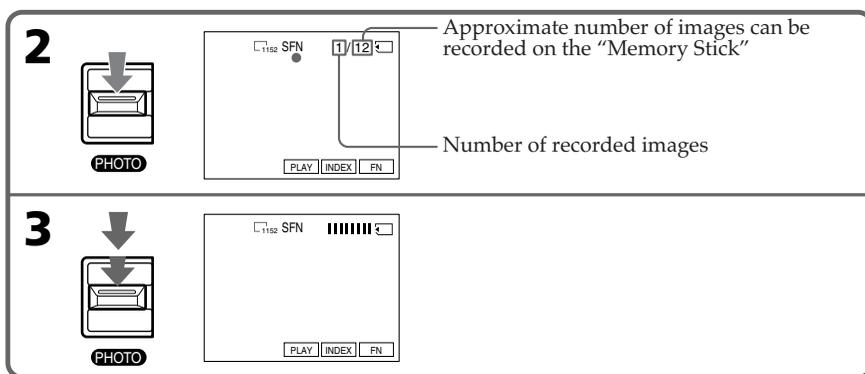
Recording still images on a "Memory Stick" – Memory photo recording

You can record still images on "Memory Stick"s.
You can record nine still images continuously (the MULTI SCRN function).

Before operation

Insert a "Memory Stick" into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Keep pressing PHOTO lightly. The green ● mark stops flashing, then lights up. The brightness of the image and the focus are adjusted and fixed while your camcorder is targeted at the middle of the image. Recording does not start yet.
- (3) Press PHOTO deeper. The image displayed on the screen will be recorded on a "Memory Stick". Recording is complete when the bar scroll indicator disappears.



You can record still images on "Memory Stick"s during tape recording or standby

For the details, see p. xx.

Recording still images on a “Memory Stick” – Memory photo recording

When the POWER switch is set to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45)

The following functions do not work:

- Wide mode
- Digital zoom
- SteadyShot function
- Super NightShot
- Color Slow Shutter
- Fader
- Picture effect
- Digital effect
- Title
- Sports lesson mode of PROGRAM AE (The indicator flashes.)

While you are recording a still image

You cannot turn off the power or press PHOTO.

When you press the PHOTO button on the Remote Commander

Your camcorder immediately records the image that is on the screen when you press the button.

When recording still images at step 2

The image momentarily flickers. This is not a malfunction.

The number of still images you can record on a “Memory Stick”

It varies according to the image quality mode and the complexity of the subject.

Recording data

The recording data (date/time or various settings when recorded) are not displayed while recording. However, they are recorded automatically onto the “Memory Stick”. To display the recording data, press DATA CODE during playback. You can also use the Remote Commander for this operation (p. xx).

When POWER switch is set to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45)

The angle of view is slightly larger compared with the angle of view in CAMERA mode.

Recording still images on a “Memory Stick” – Memory photo recording

Recording images continuously

You can record still images continuously. Before recording, select one of the four modes described below in the menu settings.

NORMAL [a]

Your camcorder shoots up to 4 still images in 1152 × 864 size or nine still images in 640 × 480 size at about 0.5 sec intervals. ()

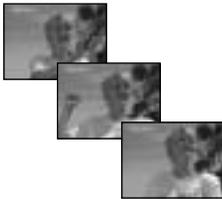
EXP BRKTG

Your camcorder automatically shoots three images at about 0.5 sec intervals at different exposures. (**BRK**)

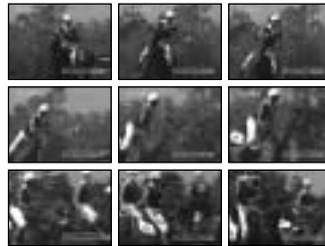
MULTI SCR N [b]

Your camcorder shoots nine still images at about 0.4 sec intervals and displays the images on a single page divided into nine boxes. Still images are recorded in 640 × 480 size. ()

[a]

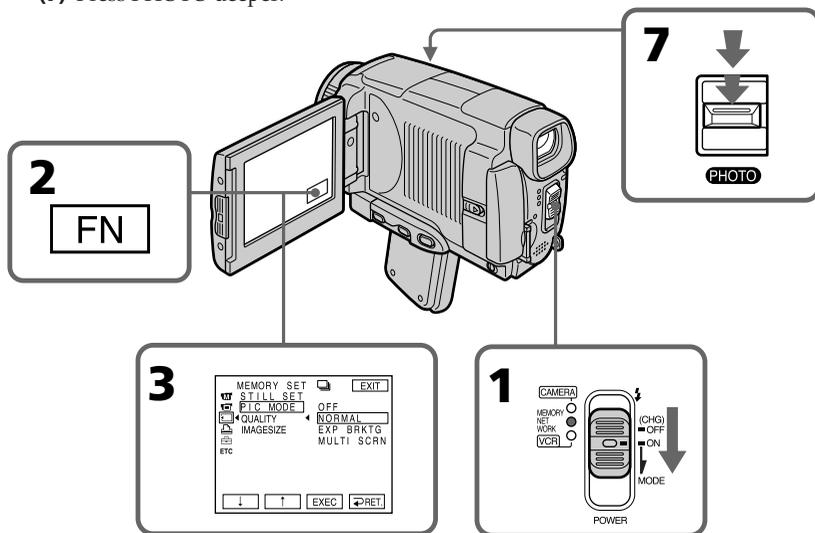


[b]



Recording still images on a “Memory Stick” – Memory photo recording

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press FN to display PAGE1.
- (3) Press MENU, then select STILL SET in  in the menu settings, then press EXEC.
- (4) Press ↓/↑ to select BURST, then press EXEC.
- (5) Press ↓/↑ to select the desired settings.
- (6) Press EXIT to make the menu setting disappear.
- (7) Press PHOTO deeper.



If the “Memory Stick” becomes full

“ FULL” appears on the screen, and you cannot record still images on this “Memory Stick.”

The number of still images in continuous shooting

The number of still images you can shoot continuously varies depending on the image size and the capacity of the “Memory Stick.”

When shooting with the self-timer function or the Remote Commander

Your camcorder automatically records up to the maximum recordable number of still images.

EXP BRKTG does not work

If remaining capacity is less than for 3 images.

When selecting NORMAL

Recording continues up to the maximum number of still images during pressing PHOTO deeper. Release PHOTO to stop recording.

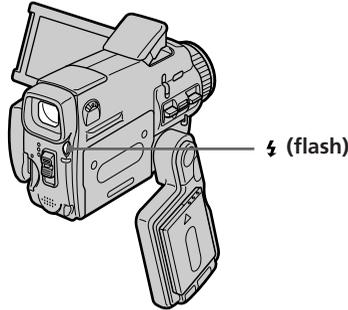
The effect of EXP BRKTG

The effect of EXP BRKTG may not be noticeable on the LCD screen. We recommend viewing images on TV or the computer to realise the effect.

Recording still images on a “Memory Stick” – Memory photo recording

Recording images with the flash

The flash automatically pops up to strobe. The default setting is auto (no indicator). To change the flash mode, press **⚡** (flash) repeatedly until the flash mode indicator appears on the screen.



Each press of **⚡** (flash) changes the indicator as follows:

- → **⚡** → ● → No indicator
- Auto red-eye reduction: The flash fires before recording to reduce the red-eye phenomenon.
- ⚡** Forced flash: The flash fires regardless of the surrounding brightness.
- No flash: The flash does not fire.

The flash is automatically adjusted to the appropriate brightness. You can also change FLASH LVL to the desired brightness in the menu settings (p. xx). Try recording various images to find the most appropriate setting for FLASH LVL.

Notes

- The recommended shooting distance using the built-in flash is 0.3 m to 2.5 m (31/32 feet to 8 1/3 feet).
- ● (auto red-eye reduction) may not produce the desired effect depending on individual differences, the distance to the subject, the subject not looking at the pre-recording flash or other conditions.
- The flash effect cannot be obtained easily when you use forced flash in a bright location.
- If it is not easy to focus on a subject automatically, for example, when recording in the dark, use HOLOGRAM AF (p. xx) or the focal distance information (p. 69) for focusing manually.

If you leave your camcorder for five or more minutes after disconnecting the power source

Your camcorder returns to the default setting (auto).

Recording still images on a “Memory Stick” – Memory photo recording

The flash does not fire even if you select auto and  (auto red-eye reduction) during the following operations:

- NightShot
- Exposure
- Spotlight of PROGRAM AE
- Sunset & moon of PROGRAM AE
- Landscape of PROGRAM AE

During recording images continuously

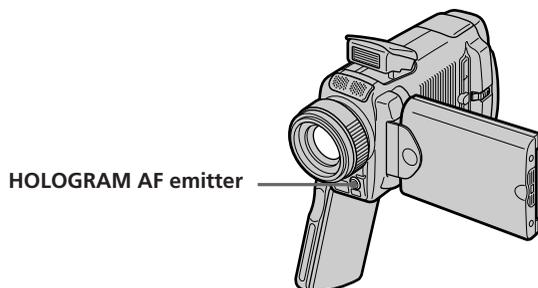
The flash does not work.

Shooting with an auxiliary light – HOLOGRAM AF

The HOLOGRAM AF is an auxiliary light source used for focusing on subjects in dark places.

Set HOLOGRAM F to AUTO in  in the menu settings. (The default setting is AUTO.)

When  appears on the screen in a dark place, press PHOTO lightly. Then the auxiliary light will automatically emit until the subject is focused.



About HOLOGRAM AF

“HOLOGRAM AF (Auto-Focus),” an application of laser holograms, is a new AF optical system that enables still image shooting in dark places. Having gentler radiation than conventional high-brightness LEDs or lamps, the system satisfies Laser Class 1 (*) specification and thus maintains higher safety for human eyes.

No safety problems will be caused by directly looking into the HOLOGRAM AF emitter at a close range. However, it is not recommended to do so, because you may experience such effects like several minutes of image residual and dazzling, that you encounter after looking into a flashlight.

* HOLOGRAM AF satisfies Class 1(time base 30 000 seconds), specified in all of JIS (Japan), IEC(EU), and FDA(US) industry standards.

Complying with these standards identifies the laser product to be safe, under a condition that a human looks at the laser light either directly or even through a lens for 30 000 seconds.

Recording still images on a “Memory Stick” – Memory photo recording

Notes

- A conversion lens (optional) may obstruct the HOLOGRAM AF light and make focusing difficult.
- If enough light does not reach the subject even if the HOLOGRAM AF emitter is emitted (recommended shooting distance is 2.5 m (8 1/3 feet)), the subject will not be focused.
- Focusing may be hampered if the light emitted from the HOLOGRAM AF is blocked by an obstruction.
- Focus is achieved as long as HOLOGRAM AF light reaches to the subject even if its light is slightly out of the middle position of the subject.
- If HOLOGRAM AF light is dim, it sometimes becomes difficult to focus. If this happens, wipe the HOLOGRAM AF emitter with a soft, dry cloth.

The HOLOGRAM AF does not emit when:

- Flash is set to  No flash
- NightShot is set to ON
- Focusing manually
- Using Spot Focus
- Sunset & moon of PROGRAM AE
- Landscape of PROGRAM AE
- Continuous photo recording

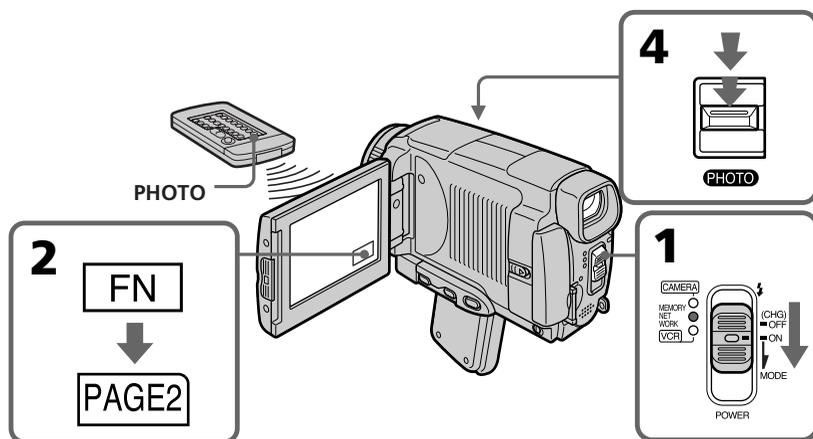
Recording still images on a “Memory Stick” – Memory photo recording

Self-timer memory photo recording

You can record images on “Memory Stick”s with the self-timer. You can also use the Remote Commander for this operation.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press FN and select PAGE2.
- (3) Press SELFTIMER in the standby mode.
The  (self-timer) indicator appears on the screen.
- (4) Press PHOTO deeper.

The self-timer starts counting down from 10 with a beep sound. In the last two seconds of the countdown, the beep sound gets faster, then recording starts automatically.



To cancel self-timer recording

Press SELFTIMER so that the  (self-timer) indicator disappears from the screen. You cannot cancel self-timer recording using the Remote Commander.

Note

The self-timer recording mode is automatically cancelled when:

- Self-timer recording is finished.
- The POWER switch is set to OFF (CHG) or VCR.

To check the image to be recorded

You can check the image by pressing the PHOTO button lightly, then press it deeper to start the self-timer recording.

Recording an image from a tape as a still image

Your camcorder can read moving picture data recorded on a tape and record it as a still image on a "Memory Stick."

Your camcorder can also take in moving picture data through the input connector and record it as a still image on a "Memory Stick."

Before operation

- Insert a recorded tape into your camcorder.
- Insert a "Memory Stick" into your camcorder.

- (1) Set the POWER switch to VCR.
- (2) Press . The picture recorded on the tape is played back.
- (3) Keep pressing PHOTO lightly until the picture from the tape freezes. CAPTURE appears on the screen. Recording does not start yet.
- (4) Press PHOTO deeper. The image displayed on the screen will be recorded on a "Memory Stick." Recording is complete when the bar scroll indicator disappears.

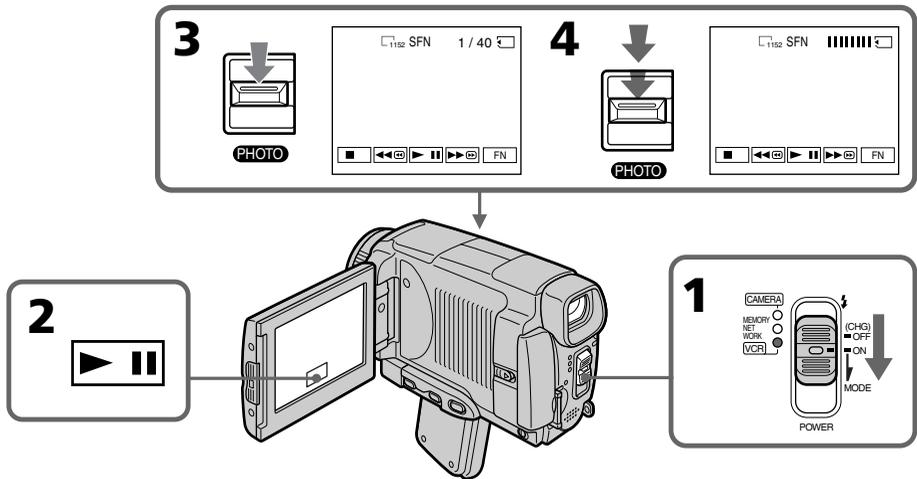


Image size of still images

Image size is automatically set to 640 x 480.

When the access lamp is lit or flashing

Do not shake or strike the unit. As well do not turn the power off, eject a "Memory Stick" or remove the battery pack. Otherwise, the image data breakdown may occur.

If "⊠" appears on the screen

The inserted "Memory Stick" is incompatible with your camcorder because its format does not conform with your camcorder. Check the format of the "Memory Stick."

If you press PHOTO lightly in the playback mode

Your camcorder stops momentarily.

Sound recorded on a tape

You cannot record audio from a tape.

Recording an image from a tape as a still image

Titles which have already been recorded on tapes

You cannot record the titles on "Memory Stick"s. The title does not appear while you are recording a still image with PHOTO.

Recording date/time

The date/time when it is recorded on a "Memory Stick" is recorded. Various settings are not recorded.

When you press the PHOTO button on the Remote Commander

Your camcorder immediately records the image that is on the screen when you press the button.

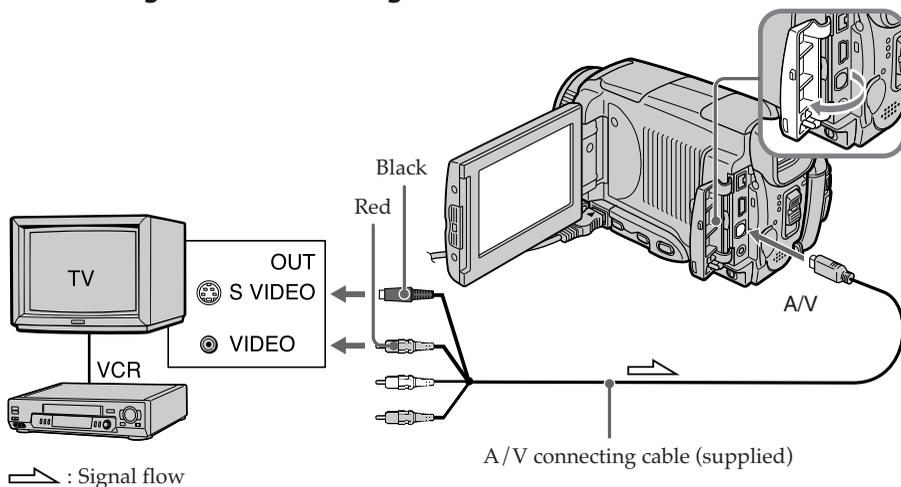
Recording a still image from other equipment

Before operation

Set DISPLAY in **ETC** to LCD in the menu settings (p. xxx). (The default setting is LCD.)

- (1) Set the POWER switch to VCR.
- (2) When using the A/V connecting cable, set VIDEOINPUT to the appropriate position depending on the player. (P.XX)
- (3) Play back the recorded tape, or turn the TV on to see the desired programme. The image of the other equipment is displayed on the LCD screen or in the viewfinder.
- (4) At the point where you want to record, follow the steps 3 and 4 on page xxx.

Using the A/V connecting cable



Connect the yellow plug of the A/V connecting cable to the video jack on the VCR or the TV.

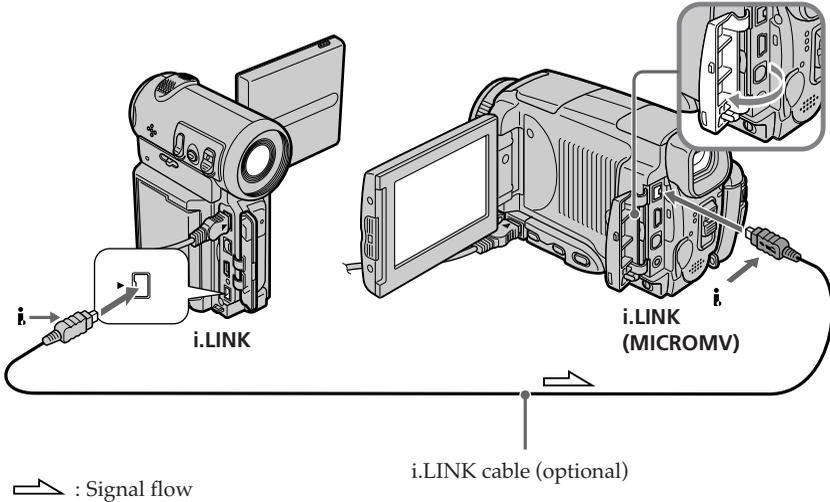
Recording an image from a tape as a still image

If your TV or VCR has an S VIDEO jack

Pictures can be reproduced more faithfully by using an S video cable (optional). With this connection, you do not need to connect the yellow (video) plug of the A/V connecting cable.

Connect an S video cable (optional) to the S video jacks of both your camcorder and the TV or VCR. This connection produces higher quality MICROMV format pictures.

Using the i.LINK cable



Note

If “ REC ERROR” appears, recording cannot be carried out.

In this case, once remove the “Memory Stick”, then insert it again. (p.XX)

The image may not be recorded on the “Memory Stick” clearly in the following case:

- When recording from a tape in poor condition, for example, a tape worn out due to the repeated dubbing.
- When attempting to record the image from the TV tuner, radio set, etc., the image is distorted due to the poor wave condition.

Superimposing a still image in a "Memory Stick" on a moving picture – MEMORY MIX

You can superimpose a still image you have recorded on a "Memory Stick" on top of the moving picture you are recording.

You can record the superimposed images on a tape or a "Memory Stick." (However, you can record only superimposed still images on the "Memory Stick.")

M. CHROM (Memory chromakey)

You can swap only the blue area of a still image such as an illustration or a frame with a moving picture.

M. LUMI (Memory luminancekey)

You can swap the brighter area of a still image (such as a handwritten illustration or a title) with a moving picture. To use this function, we recommend recording a title on a "Memory Stick" before a trip or event.

C. CHROM (Camera chromakey)

You can superimpose a moving picture on top of a still image such as an image which can be used as background. Shoot the subject against a blue background. Only the blue area of the moving picture will be swapped with a still image.

M. OVERLAP* (Memory overlap)

You can make a moving picture fade in on top of a still image.

* The superimposed image using Memory overlap function can be recorded on tapes only.

M. CHROM

M←CAM
CHROM

Still image



+

Moving picture



➔

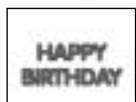


Blue

M. LUMI

M←CAM
LUMI

Still image



+

Moving picture



➔



C. CHROM

CAM←M
CHROM

Still image



+

Moving picture



➔



Blue

M. OVERLAP*

OVER-
LAP

Still image



➔



➔



* The superimposed image using Memory overlap function can be recorded on tapes only.

Superimposing a still image in a “Memory Stick” on a moving picture – MEMORY MIX

To change the still image to be superimposed

Press –/+ on the right lower corner before step 6.

To cancel MEMORY MIX

Press ↵ OFF. The display returns to PAGE2.

Notes

- You cannot use the MEMORY MIX function for moving pictures recorded on “Memory Stick”s.
- When the overlapping still image has a large amount of white, the thumbnail image of the picture may not be clear.
- During recording you cannot reselect the mode setting. Press ↵ OFF to return to PAGE2.

Image data modified on your computer or shot with other equipment

You may not be able to play modified images back with your camcorder.

To record a still image on a tape as it is

In the M. LUMI mode press –/+ to increase the bar indicator to the maximum position.

When you select M. OVERLAP

You cannot change the still image or the mode setting.

Recording a superimposed image to “Memory Stick” as a still image

Before operation

Insert a recorded “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) In the standby mode, press FN and select PAGE2.
- (3) Press MEM MIX. The last image recorded on the “Memory Stick” appears on the left corner of the screen.
- (4) Press –/+ on the right lower corner of the screen to select the still image which you want to superimpose.
 - : to see the previous image
 - + : to see the next image
- (5) Press a desired mode. The still image is superimposed on the moving picture.
- (6) Press –/+ on the left lower corner of the screen to adjust the effect, then press ↵ OK. The display returns to PAGE2.

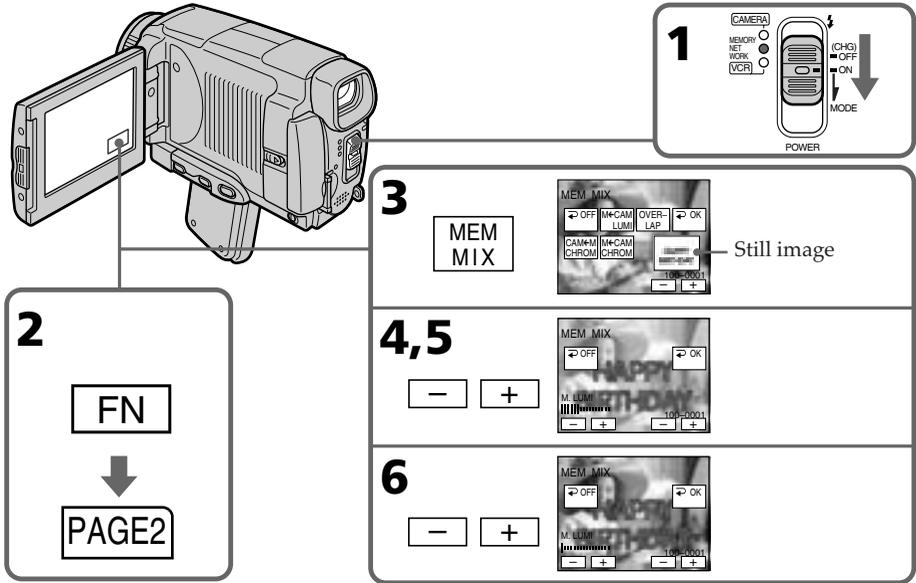
- M. CHROM – The color (blue) scheme of the area in the still image which is to be swapped with a moving image
- M. LUMI – The color (bright) scheme of the area in the still image which is to be swapped with a moving image
- C. CHROM – The color (blue) scheme of the area in the moving image which is to be swapped with a still image

The fewer bars there are on the screen, the stronger the effect.

- (7) Press EXIT to return to FN.
- (8) Press PHOTO deeper to start recording.

The image displayed on the screen will be recorded on a “Memory Stick.”
Recording is complete when the bar scroll indicator disappears.

Superimposing a still image in a "Memory Stick" on a moving picture - MEMORY MIX



To change the still image to be superimposed

Press -/+ on the right lower corner before step 6.

To cancel MEMORY MIX

Press \rightarrow OFF. The display returns to PAGE2.

Notes

- You cannot use MEMORY MIX function for moving pictures recorded on "Memory Stick"s.
- If the overlapping still image has a large amount of white, the thumbnail image of the picture may not be clear.
- You cannot reselect the mode. Press \rightarrow OFF again to return to PAGE2.

Image data modified with your computers or shot with other equipment

You may not be able to play them back with your camcorder.

When recording images on "Memory Stick" using MEMORY MIX

The PROGRAM AE does not work.

The "Memory Stick" supplied with your camcorder stores 20 images:

- For M. CHROM: 18 images (such as a frame) 100-0001~100-0018
- For C. CHROM: 2 images (such as a background) 100-0019~100-0020

Sample images

Sample images stored in the "Memory Stick" supplied with your camcorder are protected (p. xxx).

Recording moving pictures on "Memory Stick"s – MPEG movie recording

You can record moving pictures with sound on "Memory Stick"s.

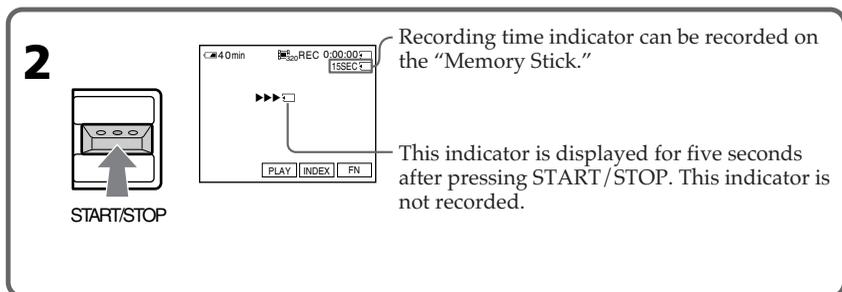
Before operation

Insert a "Memory Stick" into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press START/STOP. Your camcorder starts recording. The camera recording lamp located on the front of your camcorder lights up.

Quality mode	recordable time
SUPER FINE	Maximum 45 s
FINE	Maximum 1 min 10 s
STANDARD	Maximum 2 min 20 s
LIGHTMODE	Maximum 4 min 40 s

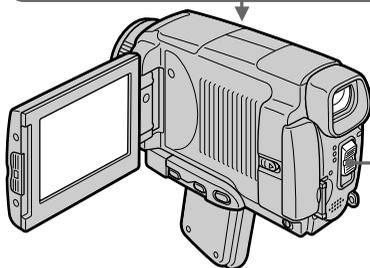
2



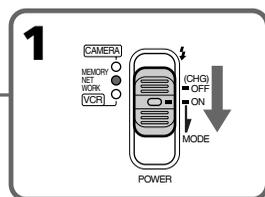
Recording time indicator can be recorded on the "Memory Stick."

This indicator is displayed for five seconds after pressing START/STOP. This indicator is not recorded.

START/STOP



1



CAMERA
MEMORY
NETWORK
VCR

POWER

MODE

To stop recording

Press START/STOP.

Recording moving pictures on “Memory Stick”s – MPEG movie recording

Note

Sound is recorded in monaural.

An MPEG movie recorded with the camcorder:

- Is MPEG MOVIE AD
- Cannot be played back on other digital still cameras and digital video camera recorders.
- Cannot be output from the i.LINK (MICROMV) jack.

When the POWER switch is set to MEMORY/NETWORK

The following functions do not work:

- Wide mode
- Digital zoom
- SteadyShot function
- Super NightShot
- Color Slow Shutter
- Fader
- Picture effect
- Digital effect
- Title
- Sports lesson of PROGRAM AE (The indicator flashes.)

When using an flash

Press **⚡** (flash) to select **Ⓜ** when recording moving pictures on “Memory Stick”s. Otherwise, the charging sound of the flash may be recorded.

Recording date/time

The date/time are not displayed while recording. However, they are automatically recorded onto the “Memory Stick”. To display the recording date/time, press “DATA CODE” during playback. Various settings cannot be recorded. You can also use the Remote Commander for this operation (p. xx).

During recording on “Memory Stick”

Do not eject the cassette tape from your camcorder. While ejecting the tape, sound is not recorded on the “Memory Stick.”

When POWER switch is set to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45)

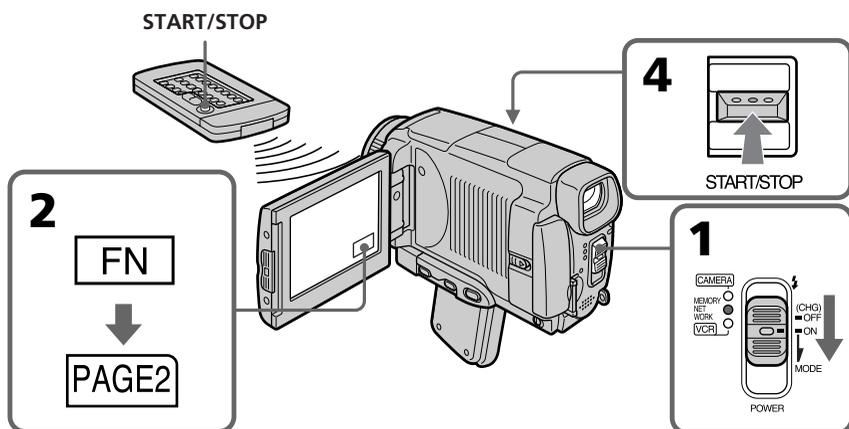
The angle of view is slightly larger compared with the angle of view in CAMERA mode.

Recording moving pictures on "Memory Stick"s – MPEG movie recording

Self-timer MPEG movie recording

You can record images on "Memory Stick"s with the self-timer. You can also use the Remote Commander for this operation.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press FN and select PAGE2.
- (3) Press SELFTIMER in the standby mode.
The  (self-timer) indicator appears on the screen.
- (4) Press START/STOP.
Self-timer starts counting down from 10 with a beep. In the last two seconds of the countdown, the beep gets faster, then recording starts automatically.



"Memory Stick" operations

To stop the count down

Press START/STOP.

To restart the countdown, press START/STOP again.

To cancel the self-timer recording

Press SELFTIMER so that the  (self-timer) indicator disappears on the screen. You cannot cancel the self-timer recording using the Remote Commander.

Note

The self-timer recording mode is automatically canceled when:

- Self-timer recording is finished.
- The POWER switch is set to OFF (CHG) or VCR.

Recording a picture from a tape as a moving picture

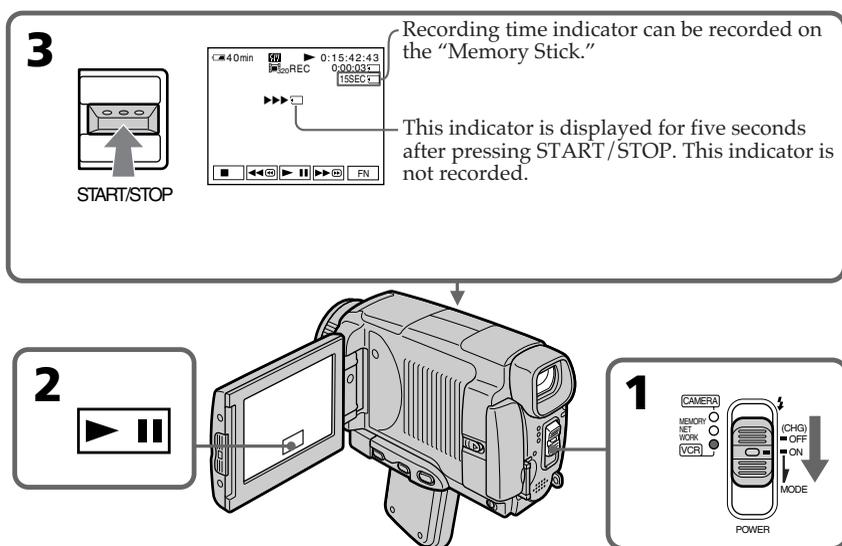
Your camcorder can read moving picture data recorded on a tape and record it as a moving picture on a "Memory Stick." Your camcorder can also take in moving picture data through the input connector and record it as a moving picture on a "Memory Stick."

Before operation

- Insert a recorded tape into your camcorder.
- Insert a "Memory Stick" into your camcorder.

- (1) Set the POWER switch to VCR.
- (2) Press  at the scene where you want to start recording from. The picture recorded on the tape is played back.
- (3) Press START/STOP.

Quality mode	recordable time
SUPER FINE	Maximum 45 s
FINE	Maximum 1 min 10 s
STANDARD	Maximum 2 min 20 s
LIGHTMODE	Maximum 4 min 40 s



To stop recording

Press START/STOP.

Notes

- Sound recorded in 48 kHz is converted to one in 32 kHz when recording images from a tape to a "Memory Stick."
- Sound recorded in stereo is converted to monaural sound when recording from a tape.
- You cannot record the image played back using PAL PB function.

Recording a picture from a tape as a moving picture

When the access lamp is lit or flashing

Do not shake or strike the unit. As well do not turn the power off, eject a "Memory Stick" or remove the battery pack. Otherwise, the image data breakdown may occur.

Titles have already recorded on tapes

You cannot record the titles on "Memory Stick"s. The title does not appear while you are recording a moving picture with START/STOP.

Recording date/time

The date/time when it is recorded on "Memory Stick" is recorded. Various settings are not recorded.

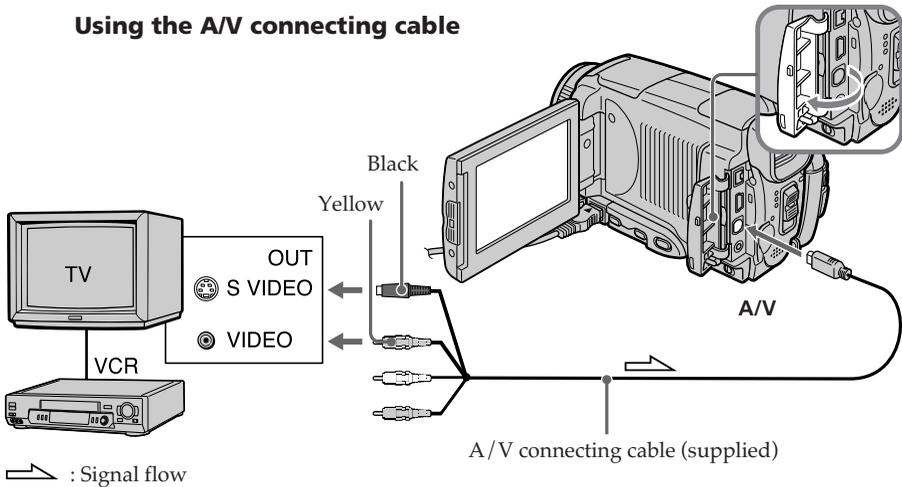
Recording a moving picture from other equipment

Before operation

Set DISPLAY to LCD in the menu settings (p. xxx). (The default setting is LCD.)

- (1) Set the POWER switch to VCR.
- (2) When using the A/V connecting cable, set VIDEOINPUT to the appropriate position depending on the player. (p.XX)
- (3) Play back the recorded tape, or turn the TV on to see the desired programme. The image of the other equipment is displayed on the LCD screen or in the viewfinder.
- (4) Follow the procedure on page xxx from the step 3 onwards at the point where you want to start recording.

Using the A/V connecting cable



Connect the yellow plug of the A/V connecting cable to the video jack on the VCR or the TV.

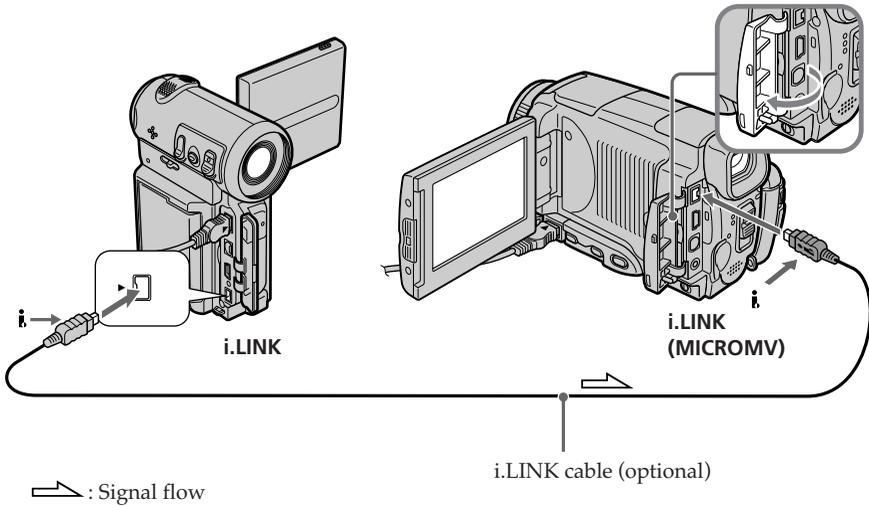
Recording a picture from a tape as a moving picture

If your TV or VCR has an S video jack

Pictures can be reproduced more faithfully by using an S video cable (optional). With this connection, you do not need to connect the yellow (video) plug of the A/V connecting cable.

Connect an S video cable (optional) to the S video jacks of both your camcorder and the TV or VCR. This connection produces higher quality MICROMV format pictures.

Using the i.LINK cable



Note

In the following instances "❑ REC ERROR" appears and recording is cancelled:

- When recording from a tape in poor condition, for example, a tape worn out from repeated dubbing.
- When attempting to input images distorted by radio wave (RF) interference, emanating from a TV tuner, radio set, etc.
- When the input signal is cut off.

During recording on "Memory Stick"

Do not eject the cassette tape from your camcorder. During ejecting the tape, sound is not recorded on the "Memory Stick."

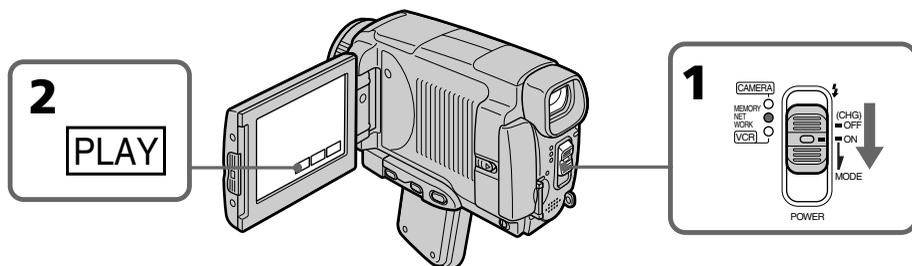
Viewing a still image – Memory photo playback

You can play back still images recorded on a “Memory Stick.” You can also play back 6 images including moving pictures on single screen arranged in the same order as a “Memory Stick” by selecting the index screen.

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press PLAY. The last recorded image is displayed.
- (3) Press -/+ on your camcorder to select the desired still image.
 - : to see the previous image
 - + : to see the next image



“Memory Stick” operations

To stop memory photo playback

Press CAM.

Note

You may not be able to play back images with your camcorder:

- when playing back image data modified on your computers.
- when playing back image data shot with other equipment.

Playback images recorded on the “Memory Stick”

Playback images are not output from the i.LINK (MICROMV) jack.

Notes on the file name

- The directory number may not be displayed and only the file name may be displayed if the structure of the directory does not conform to the DCF standard.
- “ DIRECTORY ERROR” may appear on the LCD screen if the structure of the directory does not conform to the DCF standard. If this message appears, you can play back images but cannot record them on the “Memory Stick.”
- The file name flashes on the LCD screen if the file is corrupted or the file is unreadable.

Viewing a still image – Memory photo playback

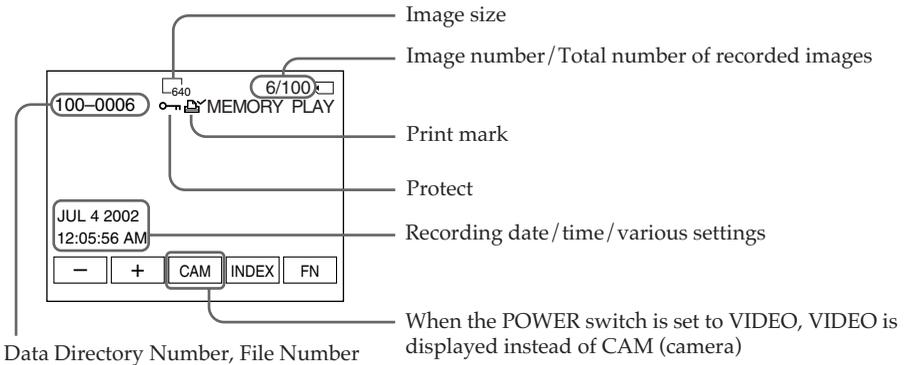
To play back recorded images on a TV screen

- Connect your camcorder to the TV with the A/V connecting cable supplied with your camcorder before the operation.
- When operating memory photo playback on a TV or on the LCD screen, the image quality may appear to have deteriorated. This is not a malfunction. The image data is as good as ever.
- Turn the audio volume of the TV down before operation, or noise (howling) may be output from the TV speakers.

Still image

You can select still images also with -/+ on PAGE1, PAGE2 or PAGE3.

Screen indicators during still image playback



When no images are recorded on the "Memory Stick"

The message "NO FILE" appears.

Recording data

To display the recording data (date/time or various settings when recorded), press DATA CODE during playback. You can also use the Remote Commander for this operation.

To make screen indicators disappear

Press DISPLAY / TOUCH PANEL.

Viewing a still image – Memory photo playback

Playing back 6 recorded images at a time (index screen)

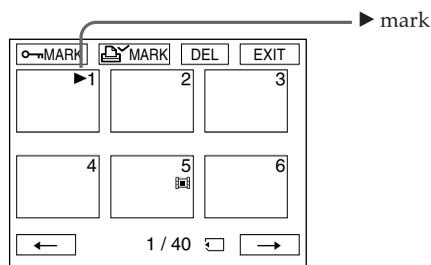
You can play back 6 recorded images at a time. This function is especially useful when searching for a particular image.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press INDEX to display the index screen.

A red ► mark appears above the image that is displayed before changing to the index screen mode.

← : to display the previous 6 images

→ : to display the following 6 images



To return to FN

Press EXIT.

To return to the normal playback screen (single screen)

Press the image you want to display.

Note

When displaying the index screen, the number appears above each image. This indicates the order in which images are recorded on the "Memory Stick." These numbers are different from the data file names (p. xxx).

Image data modified with personal computers or shot with other equipment

These files may not be displayed on the index screen.

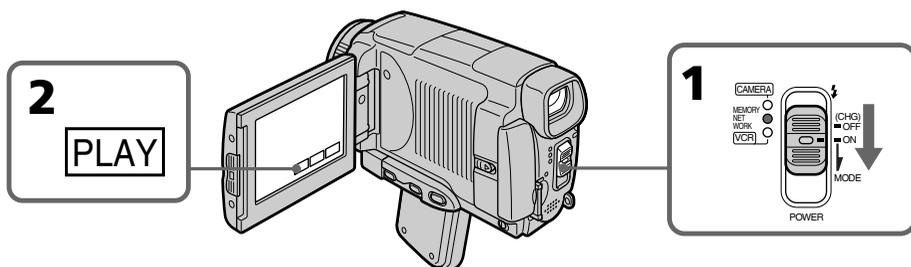
Viewing a moving picture – MPEG movie playback

You can play back moving pictures recorded on a "Memory Stick." You can also play back 6 images including still images in order at a time by selecting the index screen.

Before operation

Insert a "Memory Stick" into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press PLAY. The last recorded image is displayed.
- (3) Press -/+ to select the desired moving pictures.
 - : To see the previous picture
 - + : To see the next picture
- (4) Press MPEG ► || to start playback.
- (5) Press VOL- or VOL+ to adjust the volume.
 - VOL- : to decrease the volume.
 - VOL+ : to increase the volume.



To pause MPEG movie playback

Press MPEG ► ||. To resume playback, press MPEG ► || again.

Note

You may not be able to play back images with your camcorder:

- when playing back image data modified on your computers.
- when playing back image data shot with other equipment.

An MPEG movie recorded with the camcorder:

- Is MPEG MOVIE AD
- Cannot be played back on other digital still cameras and digital video camera recorders.
- Cannot be output from the i.LINK (MICROMV) jack.

To play back recorded images on a TV screen

- Connect your camcorder to the TV with the A/V connecting cable supplied with your camcorder before operation.
- Turn the audio volume of the TV down before operation, or noise (howling) may be output from the TV speakers.

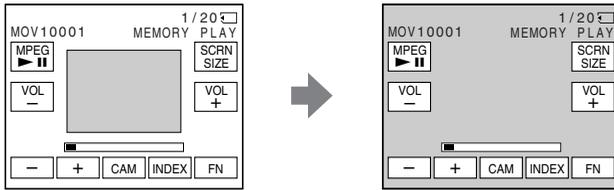
Moving picture

You can select moving pictures also with -/+ on PAGE1, PAGE2 or PAGE3.

Viewing a moving picture – MPEG movie playback

To change the screen size

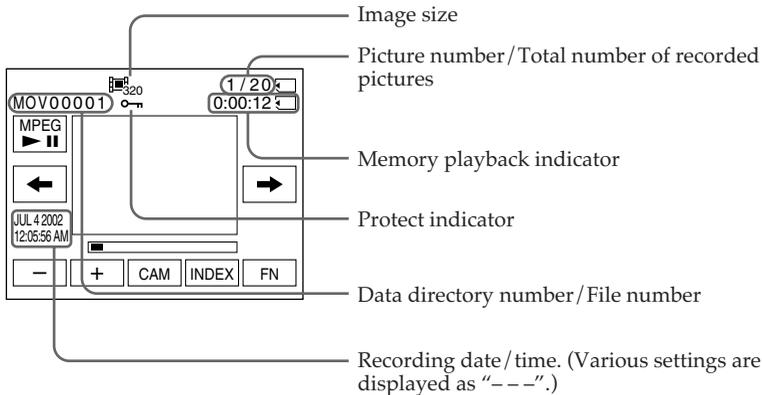
Press SCRN SIZE. The screen size changes as follows:



Notes on the screen size

- The picture may not be displayed at the middle of the screen, depending on the movie.
- Even if you switch the screen size, the picture may not be displayed full-screen size, depending on the movie.

Screen indicators during moving picture playback



Recording date/time

To display the recording date/time, press DATA CODE during playback. You can also use the Remote Commander for this operation (p. xx).

To make screen indicators disappear

Press DISPLAY/TOUCH PANEL

Copying still images recorded on "Memory Stick"s to tape

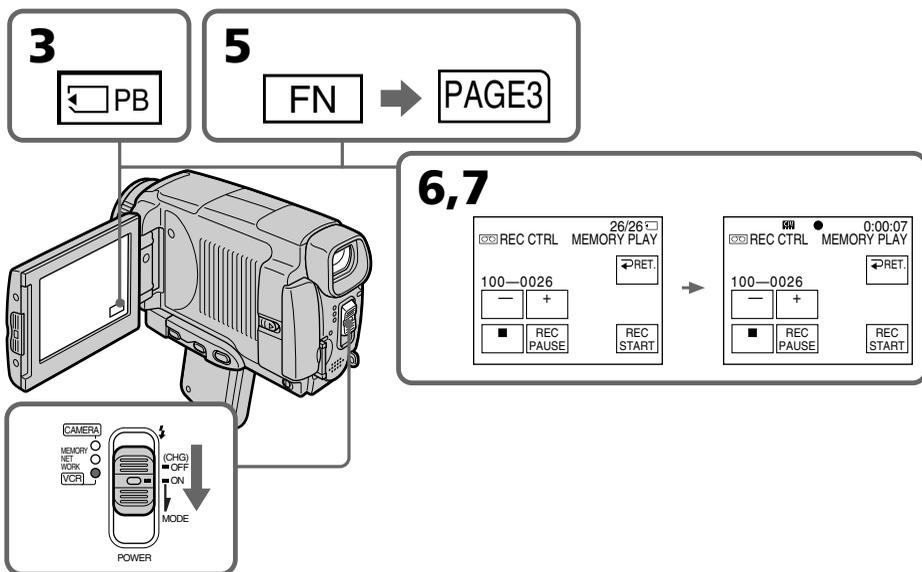
- DCR-IP55BT only

You can copy still images recorded on "Memory Stick"s and record them to tape. You can also use the Remote Commander for this operation.

Before operation

- Insert a tape for recording into your camcorder.
- Insert a "Memory Stick" into your camcorder.

- (1) Set the POWER switch to VCR.
- (2) Using the video control buttons, search a point where you want to record the desired images and stop playback.
- (3) Press  PB. The last recorded image is displayed.
- (4) Press +/- to select the desired image.
 - : To see the previous image
 - + : To see the next image
- (5) Press FN and select PAGE3.
- (6) Press  REC CTRL, then REC START.
Copying starts.
Press REC PAUSE at the scene where you want to stop recording.
- (7) If you have more to copy, repeat steps 4 and 6.



To stop copying in the middle

Press .

Copying images recorded on “Memory Stick”s to tape

Notes

- You cannot copy MPEG movie files to the tape.
- You cannot copy the index screen to the tape.

During copying

You cannot operate the following functions:

- MEMORY PLAY
- MEMORY INDEX
- MEMORY DELETE
- MEMORY +/-
- MEMORY MIX

Image data modified on your computers or shot with other equipment

You may not be able to copy modified images with your camcorder.

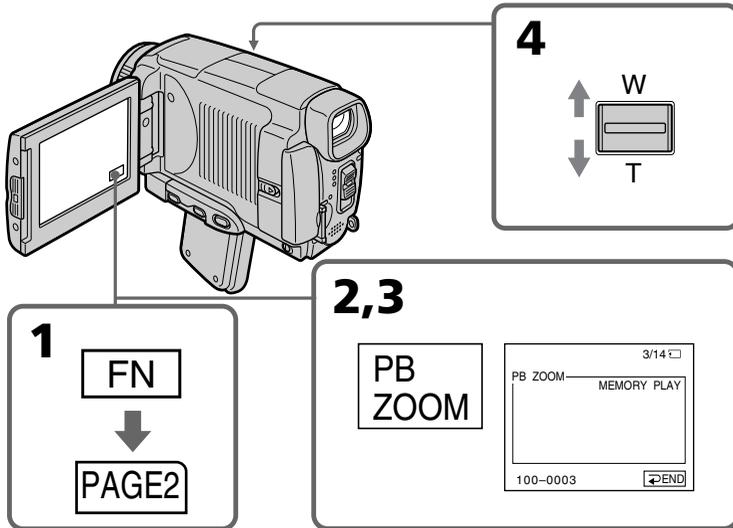
Enlarging still images recorded on “Memory Stick”s – Memory PB ZOOM

You can enlarge still images recorded on a “Memory Stick”. You can select and view a desired part from the enlarged still image. Also, you can copy the desired part of the enlarged still image to “Memory Stick”s.

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) In the memory playback mode, press FN and select PAGE2.
- (2) Press PB ZOOM. PB ZOOM screen appears.
- (3) Press the area that you want to enlarge in the frame on the PB ZOOM screen.
The area you pressed moves to the center of the screen, and the playback image is enlarged at twice the size. If you press the other area, the area moves to the center of the screen.
- (4) Adjust the zoom ratio by the zoom lever.
You can select the image from 1.1 times up to five times its size
W: Decrease the zoom ratio.
T: Increase the zoom ratio.



To cancel the Memory PB ZOOM function

Press \rightarrow END.

Enlarging still images recorded on “Memory Stick”s – Memory PB ZOOM

Pictures in the Memory PB ZOOM mode

Pictures are not output through the i.LINK (MICROMV) jack.

In the Memory PB ZOOM mode

If you press DISPLAY/TOUCH PANEL button, the frame on the Memory PB ZOOM screen disappears. You cannot move the part you pressed to the center of the screen.

Edge of an enlarged image

The edge of an enlarged image cannot be displayed in the center of the screen.

Moving pictures recorded on “Memory Stick”s

The PB ZOOM function does not work.

To record an image processed by PB ZOOM on “Memory Stick”s

Press the PHOTO button to record the image processed by PB ZOOM. (Images are recorded at 640 × 480 size.)

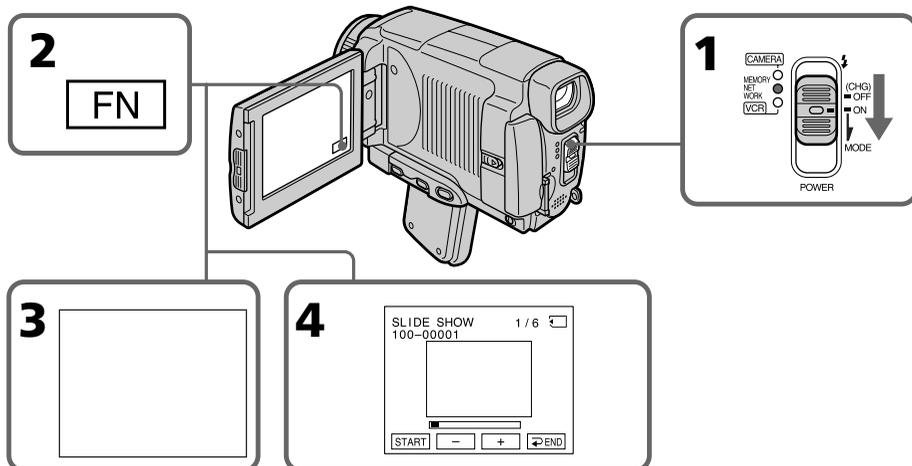
Playing back images continuously – SLIDE SHOW

Your camcorder can automatically play back images in sequence. This function is especially useful when checking recorded images or during a presentation.

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY / NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press FN to display PAGE1.
- (3) Press MENU, then select SLIDE SHOW in  in the menu settings (p. xxx). And press EXEC.
- (4) Press START. Your camcorder plays back the images recorded on a “Memory Stick” in sequence.



To stop the slide show

Press  END.

To pause during a slide show

Press PAUSE.

To return to FN

Press  END.

To start the slide show from a particular image

Select the desired image using -/+ buttons before step 4.

Playing back images continuously – SLIDE SHOW

To view the recorded images on TV

Connect your camcorder to a TV with the A/V connecting cable supplied with your camcorder before operation.

If you change “Memory Stick”s during operation

The slide show does not operate. If you change the “Memory Stick,” be sure to follow the steps again from the beginning.

To play the slide show with the screen indicators turned off

After step 3, press DISPLAY/TOUCH PANEL to turn off the screen indicators. You can start/pause the slide show using MEMORY PLAY on the Remote Commander. To end the slide show, press DISPLAY again, then press ↩ END.

When there are no images on the “Memory Stick”

The message “ NO FILE” appears.

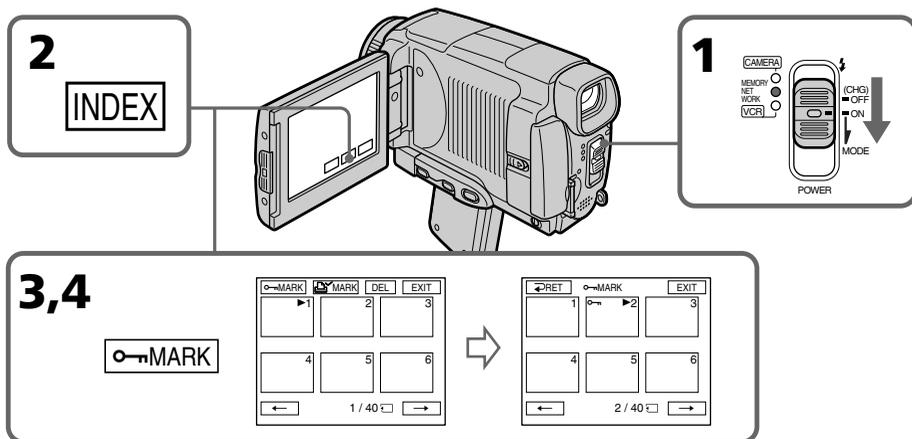
Preventing accidental erasure – Image protection

To prevent accidental erasure of important images, you can protect selected images.

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY / NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press INDEX on your camcorder to display the index.
- (3) Press  MARK. The screen to protect the image appears.
- (4) Press the image you want to protect. The “” appears above the protected image.



To return to FN

Press EXIT.

To cancel image protection

Press the image you want to cancel image protection in step 4 again. The “” disappears.

Note

Formatting erases all information on the “Memory Stick,” including the protected image data. Check the contents of the “Memory Stick” before formatting.

If the write-protect tab on the “Memory Stick” is set to LOCK

You cannot carry out image protection.

Deleting images – DELETE

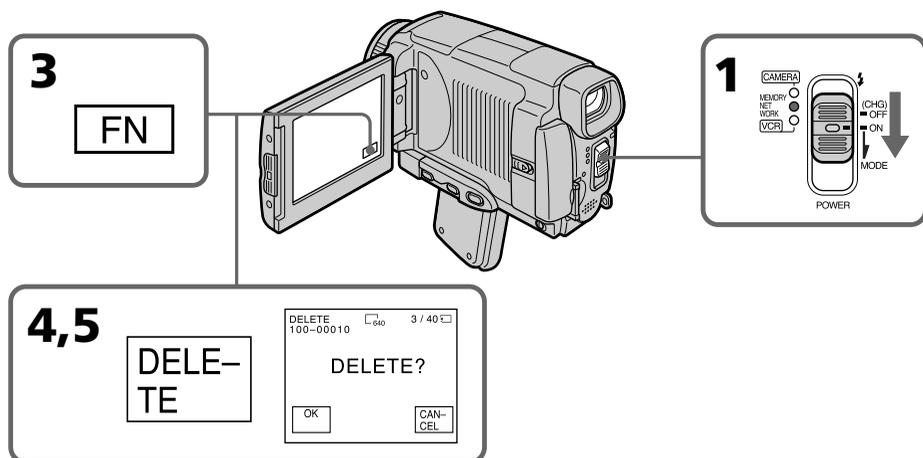
You can delete images stored in a “Memory Stick.” You can delete all images or selected images.

Deleting selected images

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Play back the image you want to delete.
- (3) Press FN to display PAGE1.
- (4) Press DELETE. “DELETE?” appears on the LCD screen.
- (5) Press OK. The selected image is deleted.



“Memory Stick” operations

To return to FN

Press EXIT.

To cancel deleting an image

Press CANCEL in step 5.

Notes

- To delete a protected image, first cancel image protection.
- Once you delete an image, you cannot restore it. Check the images to delete carefully before deleting them.

If the write-protect tab on the “Memory Stick” is set to LOCK

You cannot delete images.

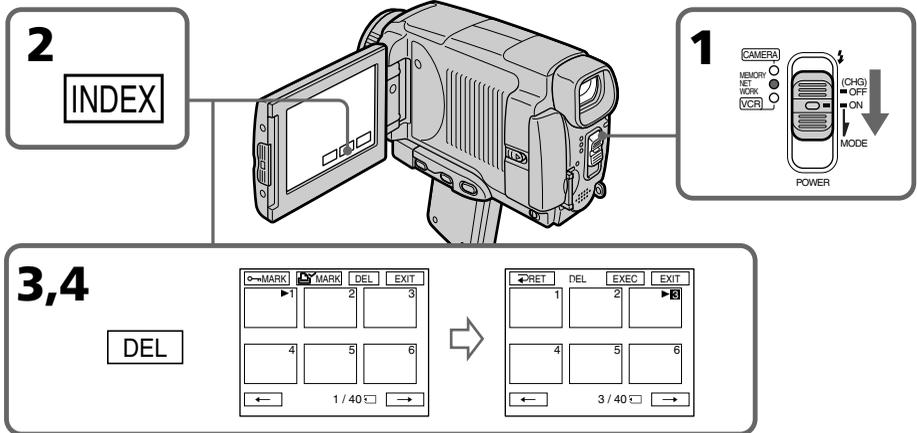
Deleting images – DELETE

Deleting selected images on the index screen

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY/NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press INDEX to display the index.
- (3) Press DEL, then press the image you want to delete. The number of the selected image is highlighted.
- (4) Press EXEC. “DELETE?” appears on the LCD screen.
- (5) Press OK. The selected images are deleted.



To return to FN

Press EXIT.

To cancel deleting an image

Press CANCEL in step 5.

Deleting images – DELETE

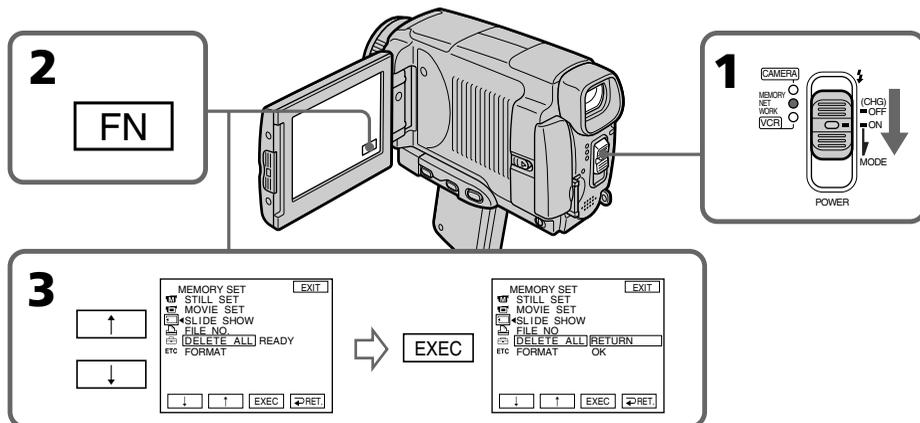
Deleting all the images

You can delete all the unprotected images in a “Memory Stick.”

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY / NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press FN to display PAGE1.
- (3) Press MENU, then select DELETE ALL in  in the menu settings (p. xxx). And press EXEC.
- (4) Press \uparrow/\downarrow to select OK, then press EXEC.
“OK” changes to “EXECUTE”.
- (5) Press EXEC.
“DELETING” appears on the LCD screen. When all the unprotected images are deleted, “COMPLETE” is displayed.



“Memory Stick” operations

To return to FN

Press EXIT.

To cancel deleting all the images in the “Memory Stick”

Press RETURN in step 5, then press EXEC.

While “DELETING” appears

Do not turn the POWER switch or press any buttons.

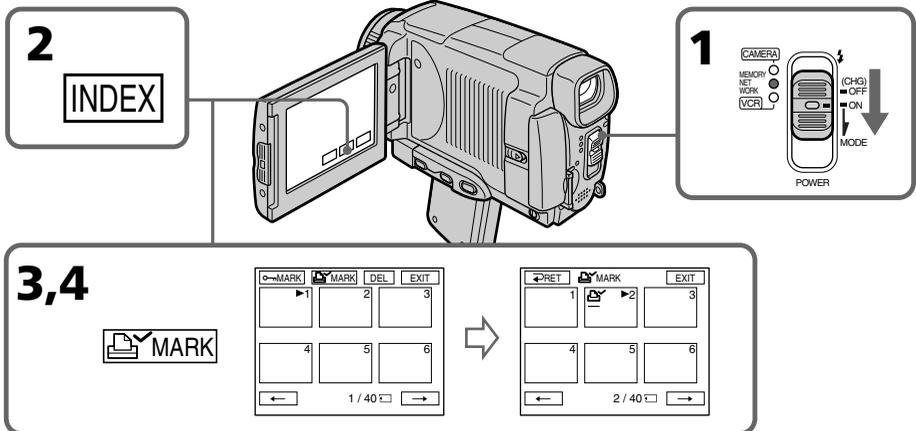
Writing a print mark – PRINT MARK

You can specify the recorded still image to print out by putting marks. This function is useful for printing out still images later.
Your camcorder conforms with the DPOF (Digital Print Order Format) standard for specifying the still images to print out.

Before operation

Insert a “Memory Stick” into your camcorder.

- (1) Set the POWER switch to MEMORY / NETWORK for DCR-IP55 (MEMORY for DCR-IP45).
- (2) Press INDEX to display the index.
- (3) Press  MARK. The screen to write a print mark appears.
- (4) Press the image you want to write a print mark. The  appears on the selected image.



To return to FN

Press EXIT.

To cancel writing print marks

Press the image you want to cancel the print mark in step 4 again. The  disappears.

If the write-protect tab on the “Memory Stick” is set to LOCK

You cannot write print marks on still images.

Moving pictures

You cannot write print marks on moving pictures.

While the file name is flashing

You cannot write print mark on the stil image.