FUJIFILM

digital
Tools for the imagination.

DIGITAL CAMERA
FinePix 6800 Zoom

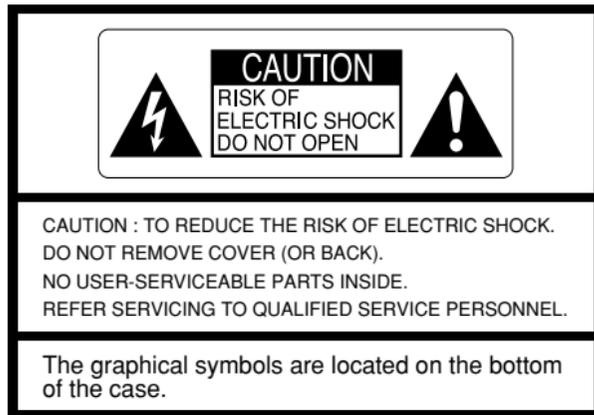SUPER CCD

DESIGN BY F·A·PORSCHE

OWNER'S MANUAL This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix6800 ZOOM correctly. Please follow the instructions carefully.

BL00001-200(1) **E**

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

CAUTION
RISK OF
ELECTRIC SHOCK
DO NOT OPEN

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

The graphical symbols are located on the bottom of the case.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

For customers in the U.S.A.

FCC Statement
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :
— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.
You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

Notes on the Grant:
To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core video cable, USB cable, and DC supply cord.

For customers in Canada
CAUTION
This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (➡P.127) and make sure you understand them before using the camera.

Contents

Preface

■ Test Shots Prior to Photography

For particularly important photographs (such as weddings and overseas trips), always take a test photograph and view the image to make sure that the camera is functioning normally.

● Fuji Photo Film Co., Ltd. cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Liquid Crystal

If the LCD monitor or display panel is damaged, take particular care with the liquid crystal in the monitor or panel. If any of the following situations arise, take the urgent action indicated.

● If liquid crystal comes in contact with your skin
Wipe the area with a cloth and then wash thoroughly with running water and soap.

● If liquid crystal gets into your eye
Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.

● If liquid crystal is swallowed
Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ Notes on Electrical Interference

If the camera is to be used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft. For details, please check with the applicable regulations.

■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

■ Trademark Information

● IBM PC/AT is a registered trademark of International Business Machines Corp. of the U.S.A.
● iMac and Macintosh are registered trademarks of Apple Computer, Inc.
● Windows is a registered trademark of the Microsoft Corporation of the U.S. registered in the U.S.A. and other countries. Windows is an abbreviated term referring to the Microsoft Windows Operating System.
● SmartMedia is a trademark of Toshiba Corporation.
● Other company or product names are trademarks or registered trademarks of the respective companies. Trademark Information.

■ Explanation of Color Television System

NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A., Canada and Japan.
PAL: Phase Alternation by Line,a color television system adopted mainly by European countries and China.

Camera Features and Accessories

Features

● The newly developed "Super CCD" (featuring a total of 3.3 million pixels) used in the FinePix6800 ZOOM provides ultra-high rasolution image file with 6.03 million (2832 × 2128) pixels.
● Built-in 3× zoom lens with a low-dispersion aspherical lens for superb optical performance
● Compact and lightweight aluminum-magnesium alloy body
● New camera design by F. A. Porsche
● Quick, responsive operation with 2 seconds startup and 1-second between shots
● Auto focus with macro function (manual focus also available)
● Automatic shooting modes that can be tailored to subjects in different photography conditions
● Convenient preview function for quickly checking of your shots
● Maximum 4.4× seamless digital zoom at VGA mode
● Playback zoom function (up to 18×)
● Continuous shooting function even at maximum resolution
● Movie shooting function (320 × 240 pixels with sound)
● Voice Captioning function for easy photography information recording
● Audio Recording function
● 2-inches 130,000-pixels low-temperature polysilicon TFT LCD monitor
● Dot-matrix display panel simplifies camera operation
● Recharge or connect to your PC simply by placing the FinePix6800 ZOOM in its cradle
● Easy high-speed image file transfer via the USB connection
● Supports DPOF (Digital Print Order Format) for simple print ordering
● Conforms to the new standard for digital camera file system*
✱ Design rule for Camera File System

Accessories

● **SmartMedia (16MB, 3.3V) (1)**
Supplied with :
• Anti-static case (1)
• Index label (1)
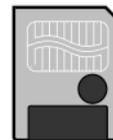
● **NP-80 Rechargeable Battery (1)**

● **AC Power Adapter AC-5V/AC-5VH (approx. 2 m (6.6 ft.) connection cord) (1)**

● **Cradle (Picture Cradle) (1)**
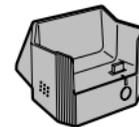
● **A/V Cable (approx. 1.5 m (4.9 ft.), mini-plug (3.5 mm dia.) to pin-plug cable) (1)**

● **Hand strap (1)**

● **Interface Set (1)**
• CD-ROM (1)
• Special USB cable with Noise Suppression core (1)
• Software Quick Start Guide (1)

● **Owner's Manual (this manual) (1)**

Nomenclature

Shutter button

Flash (P.52)

Self-timer lamp (P.60)

Strap mount (P.15)

Viewfinder window

Microphone

A/V OUT (audio/visual output) socket (P.41)

Flash control sensor

Digital (USB) socket (P.101)

Lens/Lens Cover

DC IN 5V (power input) socket (P.19)

Viewfinder (P.27)

⚡ OPEN (Flash pop-up) button (P.52)

Viewfinder lamp (P.29)

Mode dial (P.12)

BACK button

Mode switch (P.12)

Display panel (P.10)

⏻ Power button (P.22)

4-direction (▲ ▼ ◀ ▶) button

DISP button (P.25, 33, 34)

Speaker (P.95)

MENU/OK button

SmartMedia slot cover release button (P.20)

Battery cover (P.17)

SmartMedia slot cover (P.20)

SmartMedia slot (P.20)

Tripod mount

LCD monitor

Cradle connection socket / Connection socket cover (P.18, 102)

8

9

Nomenclature

Display Panel

The display panel uses icons to show the camera's operation status as an aid to the camera user. Use the 4-direction button as indicated by the displayed icons.

Mode display

4-direction button setting display (▲)

4-direction button setting display (►)

4-direction button setting display (◄)

4-direction button setting display (▼)

Number of remaining shots
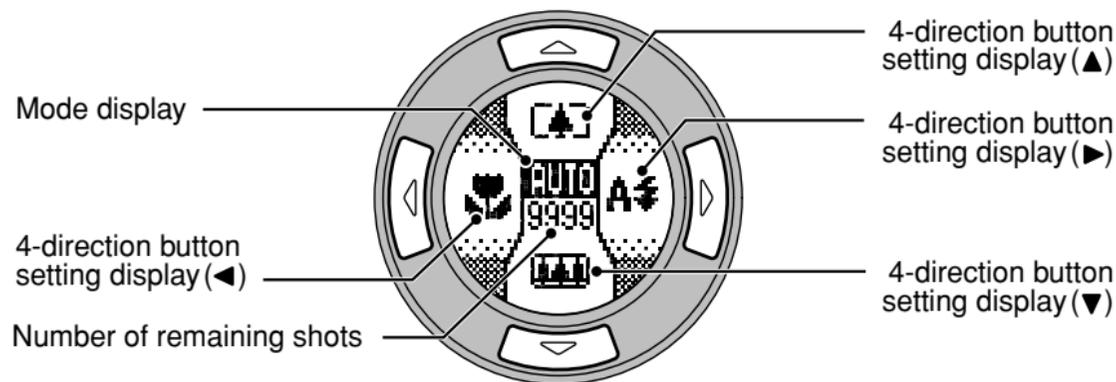
∗ The display panel can be used to check and modify camera settings such as the photography or playback mode, the number of available shots, the flash settings and the macro setting.

∗ The display panel glows orange for 5 seconds when you are taking pictures (except when you press the shutter button) and green for 5 seconds when you are playing back images or sounds.

Display Details

📷 Photography	Mode	𝐀𝐔𝐓𝐎 Auto • 🏃 Portrait • ▲▲ Scene • ☾ Night Scene • ⬛W Black and White • ◻M Manual • 🔳 Continuous shooting • 🎬 Movie • 🎤 Audio recording • 𝐒𝐄𝐓 Option • 🔍 Zoom
	4-direction button	▲ Up • ▼ Down • ◄ Left • ► Right
	Zoom	[▲] Telephoto • ▥▥ Wide-angle
	Preview Zoom	⊕ Zoom Up • ⊖ Zoom Down
	Flash	A⚡ Auto • 👁 Red-Eye Reduction • ⚡ Forced Flash • S⚡ Slow Synchro • 🚫 Suppressed Flash
	Macro	🌷 ON • 🌷 OFF
	Manual Focus	ᴹF▼ Moves the focus closer • ᴹF▲ Moves the focus further away
▶ Playback	Mode	▶ Still images • 🎬 Movie • 🎤 Audio recording • 🔍 Zoom/Trimming • ► Playback progress • ❚❚ Pause • 𝐒𝐄𝐓 Option
	Frame Advance	◄◄ Previous image • ►► Next image
	Playback Zoom	⊕ Zoom Up • ⊖ Zoom Down
	Movie Playback	►❚ Play/Pause • ►► Fast forward • ◄◄ Rewind • ■ Stop • ◄❚ ❚► Movie frame advance
	Audio recording/ Voice captioning	►❚ Play/Pause • ►► Fast forward • ◄◄ Rewind • ■ Stop • ◄❚ ❚► Skip playback

Nomenclature

Mode switch

Mode switch (P.25, 34)

📷 Photography Mode (P.25)

⏻ POWER button (P.22)

▶ Playback mode (P.34)

Mode dial

Continuous shooting (P.46)

Manual (P.45)

Auto (P.25, 43)

Scene position (P.43)

Movie (Video) (P.47)

AUTO

SP

Audio recording (P.50)
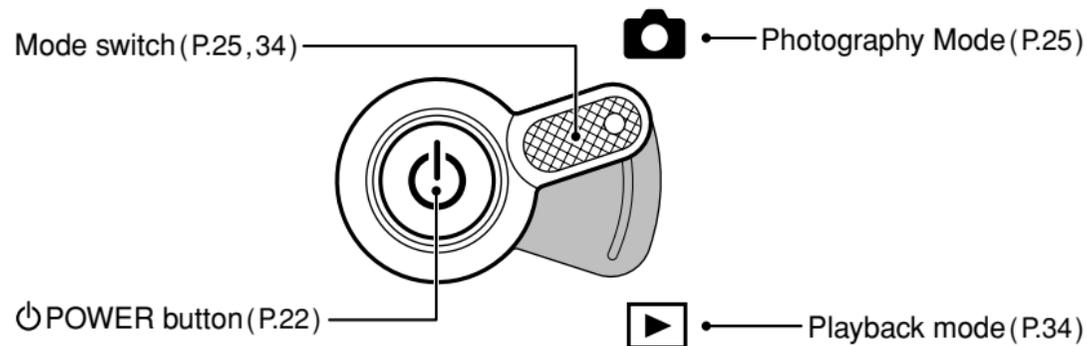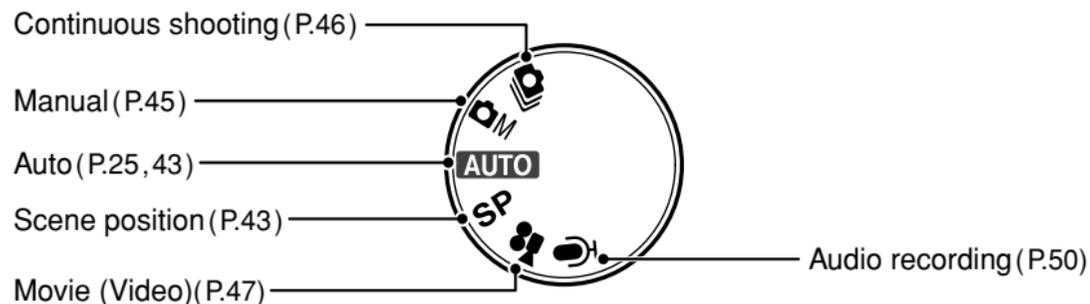
Example of Monitor Text Display: Shooting

Photography Mode

File size

Image quality

🌷 Macro

Number of remaining shots

⏱ Self-timer

MF Manual focus

🎞 Auto bracketing

Zoom bar

Date

1M N 9999

✊ Camera shake warning

!AF

Battery low warning

AF warning

AF frame

1/ 1/2001
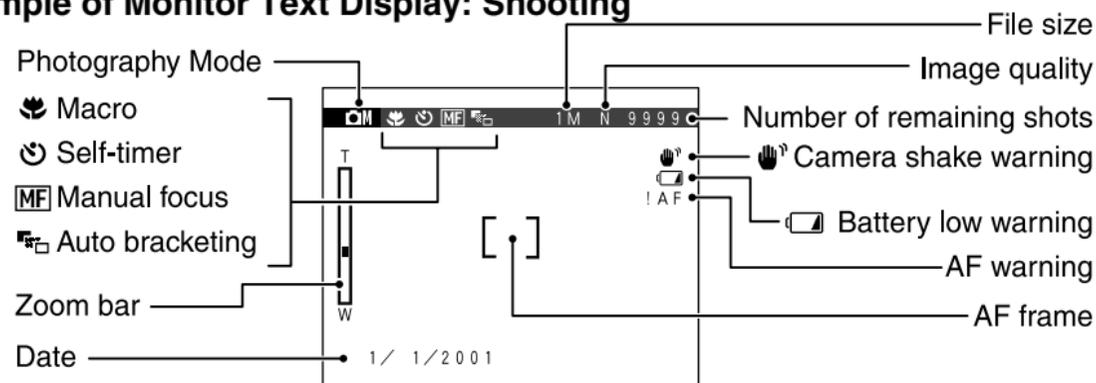
Example of Monitor Text Display: Playback

Playback mode

Playback frame number

🔒 Protection

🖨 DPOF

🎤 Voice captioning

Date

O🔒 🖨 99   100-9999

Battery low warning

1/ 1/2001   12:00 AM

Time

Nomenclature

Cradle

Digital (USB) socket (P.101)

Connection plug (P.18)

DC IN 5V (Power input) socket (P.19)

Power lamp (P.105)

⏻ Power button (P.103)
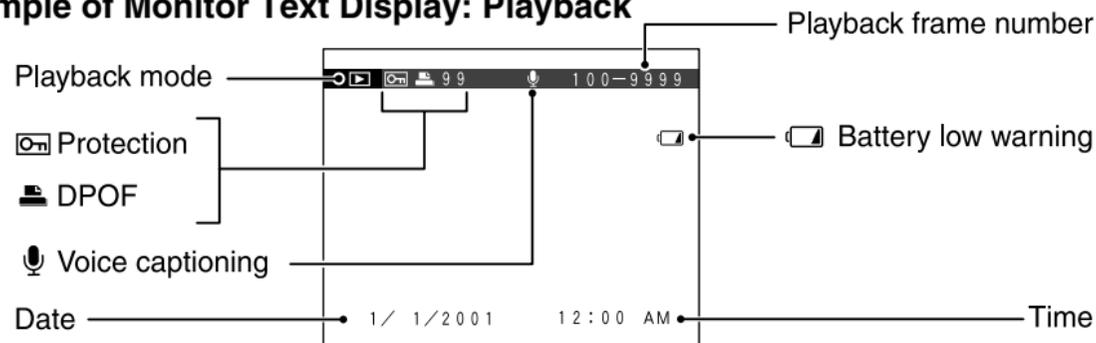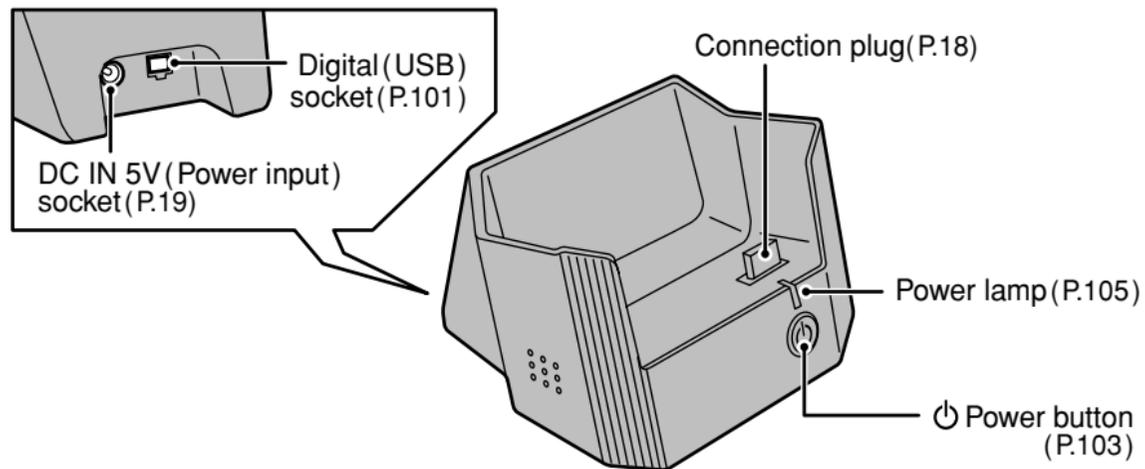
◆ The Cradle ◆

The cradle is a powerful tool for expanding the functionality of your camera:

● When you are not using the camera, you can place it in the cradle to charge the battery (➡P.18).
● You can use the cradle's USB interface to quickly transfer image files to your PC (➡Card Reader Mode on P.102).
● Use the cradle for videoconferencing via the Internet (➡"PC-Camera Mode" on P.104).
● You must connect the AC power adapter and the special USB cable provided in the USB Interface Set to the cradle (➡P.16, 101).

14

Selecting the Language
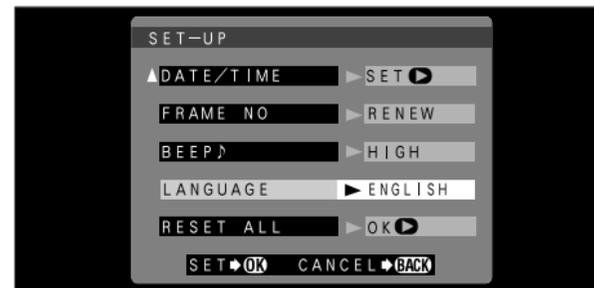
You can use the "SET–UP" screen on this camera to select ENGLISH or FRENCH as the LANGUAGE used for screen display (➡P.92). The screens in this manual are shown in ENGLISH.

Attaching the Strap

①Pass the loop of this cord on the end of the strap through the strap mount.
②Then pass the other end of the strap through the loop of the thin cord and pull the strap tight.

15
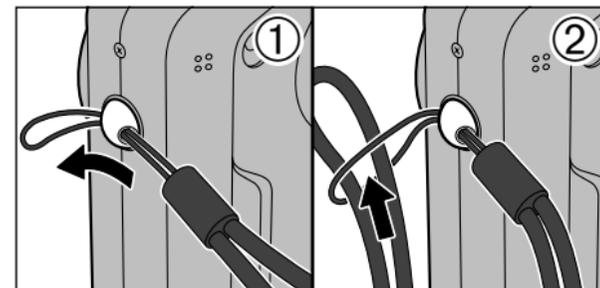
SETTING UP THE CRADLE

1

DC IN 5V socket
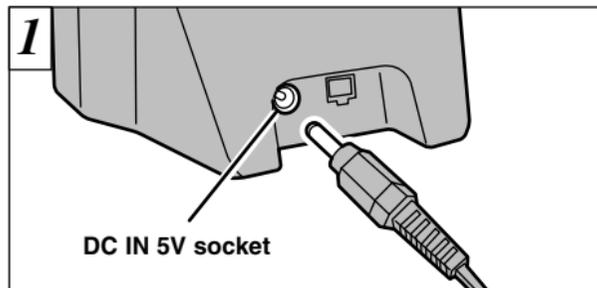
Connect the AC-5V/AC-5VH AC Power Adapter to the cradle.

AC-5V : U.S.A. and Canada model
AC-5VH: other countries model

2
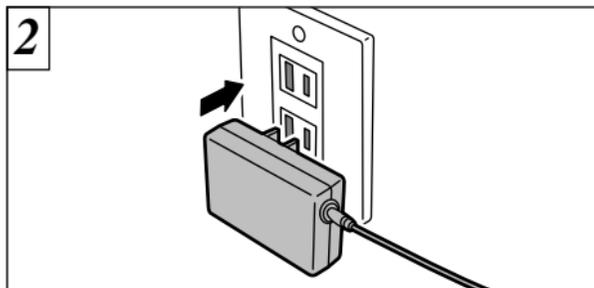
Plug the AC-5V/AC-5VH AC Power Adapter into the main power outlet.

⚠ See P.101 for information on connecting the cradle to your PC.
⚠ Problems arising from the use of products other than genuine FUJIFILM products are not covered by your warranty.

⚠ The socket-outlet shall installed near the equipment and shall be easily accessible.
⚠ The shape of the plug and socket-outlet depends on the country of use.

LOADING THE BATTERY

1

① ②

Arrow mark▼
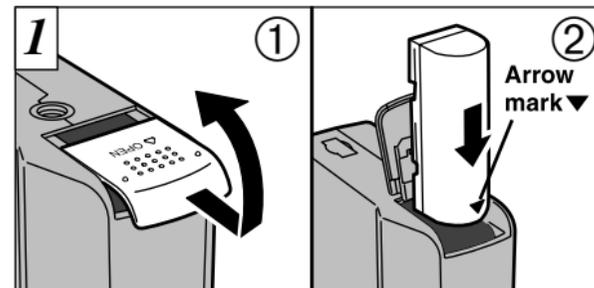
①Slide the battery cover out to open it.
②Insert the battery in the direction indicated by the arrow "▼" on the battery.

2

① ②

① Hold the battery in, ② and close the battery cover.

⚠ Do not use excessive force to open the battery cover.
⚠ When replacing the battery, always switch the camera off beforehand. If you open the battery cover without switching the camera off, the camera settings may revert to the factory defaults.

◆ **Battery Type** ◆
NP-80 rechargeable battery.

⚠ The battery is not fully charged at shipment. You must charge the battery before you use it.
⚠ See P.112 – 113 for more information on the battery.

1

CHARGING THE BATTERY

①Open the connector cover on the bottom of the camera.
②Check that the camera is switched off and then place it in the cradle.
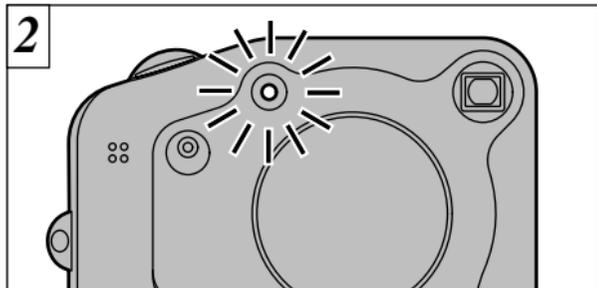
The self-timer lamp lights and battery charging begins. When charging is completed, the light goes off.

⚠ Push the cradle connection plug firmly into the camera socket.

You do not need to press the power button on the cradle.

⚠ Charging a fully depleted battery takes approximately 5 hours.
⚠ Switching the cradle on during charging interrupts the charging.
⚠ You can charge the battery more quickly by using the Battery Charger BC-80 (sold separately) (➡P.109).

USING THE AC POWER ADAPTER

You can connect the AC-5V/AC-5VH AC Power Adapter directly to the DC IN 5V socket on the camera without using the cradle. This is useful when you travel since it allows you to charge the battery and to take pictures and play back images (using a TV connection, etc.) without worrying about depleting the battery.

● **Compatible AC power adapters**
Model: AC-5V/AC-5VH (provided as an accessory or sold separately)
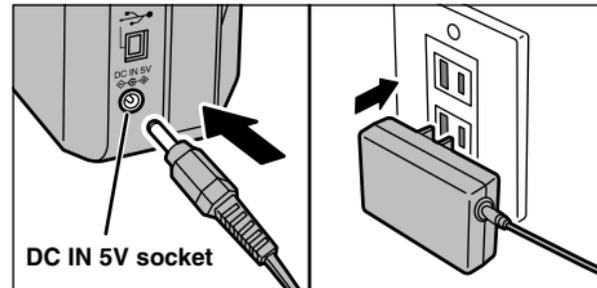
DC IN 5V socket

Check that the camera is switched off. Plug the AC power adapter connector into the DC IN 5V socket on the camera and then plug the adapter itself into the main power outlet.
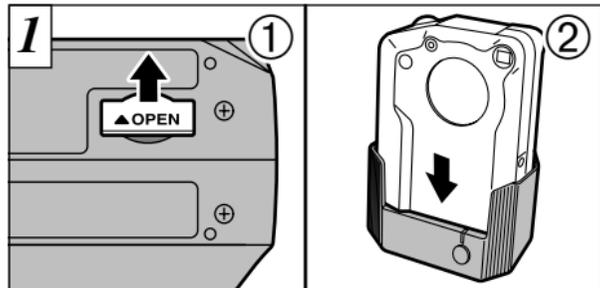
⚠ The socket-outlet shall installed near the equipment and shall be easily accessible.

⚠ Problems arising through the use of products other than genuine FUJIFILM products are not covered by your warranty.
⚠ See P.114 for additional notes on the AC power adapter.
⚠ The shape of the plug and socket-outlet depends on the country of use.

1

LOADING THE SmartMedia™

SmartMedia™

■ Only use 3.3V SmartMedia
MG-4S (4MB), MG-16SW (16MB, ID)
MG-8S (8MB), MG-32SW (32MB, ID)
MG-16S (16MB), MG-64SW (64MB, ID)
MG-32S (32MB), MG-128SW (128MB, ID)
MG-64S (64MB)
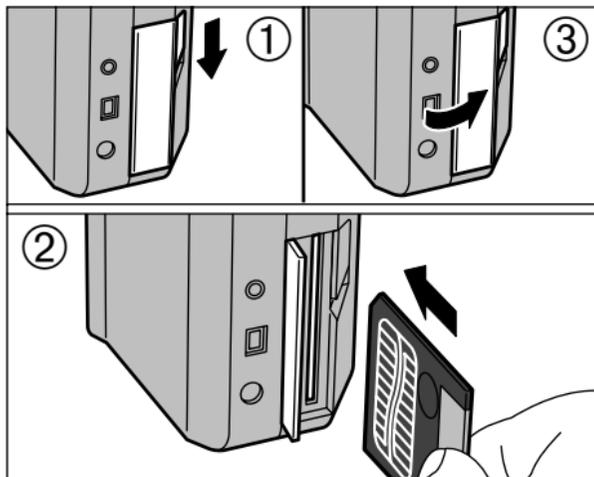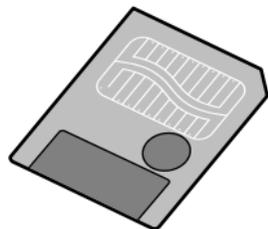
① Check that the camera is switched off and open the slot cover.
② Push the SmartMedia firmly into the SmartMedia slot as far as it will go.
③ Close the slot cover.

⚠ Images cannot be recorded or erased if a write-protect sticker is affixed to the SmartMedia.
⚠ Operation of this camera is only guaranteed when it is used with FUJIFILM SmartMedia.
⚠ Some 3.3V SmartMedia are labelled as "3V" cards.
⚠ See P.115 for more information on SmartMedia.

⚠ If you open the slot cover while the camera is switched on, the camera is automatically switched off to protect the SmartMedia.
⚠ The SmartMedia will not slide fully into the slot if it is inserted facing the wrong way. Be careful not to apply undue force to the SmartMedia.

REMOVING THE SmartMedia™
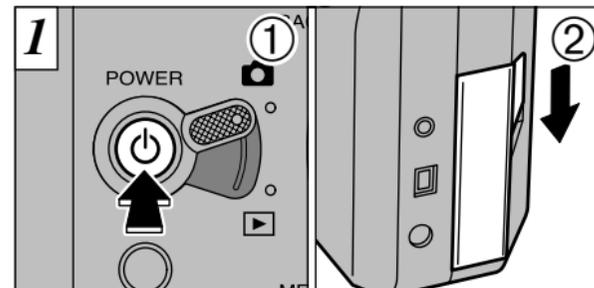
① Check that the indicator in the viewfinder is green and then switch the camera off.
② Release the SmartMedia cover lock as shown in the figure.

⚠ See P.22 for information on switching the camera on and off.

Never open the SmartMedia slot cover while the camera is switched on.This could destroy the image data or damage the SmartMedia itself.
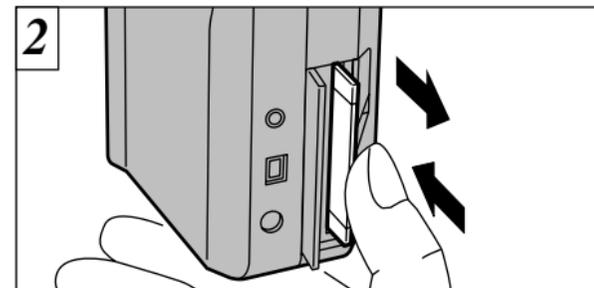
Push the SmartMedia into the slot slightly and allow it to pop back out. It can then be pulled out easily.

⚠ To protect the SmartMedia, always store it in the special anti-static case.

◆ Printing Images and Downloading Images to a PC ◆
● See P.86, 108 for information on printing images.
● See P.101 – 108 for information on downloading images to a PC.

1

SWITCHING ON AND OFF

1

POWER

DATE/TIME
NOT SET

SET▶OK

NO▶BACK
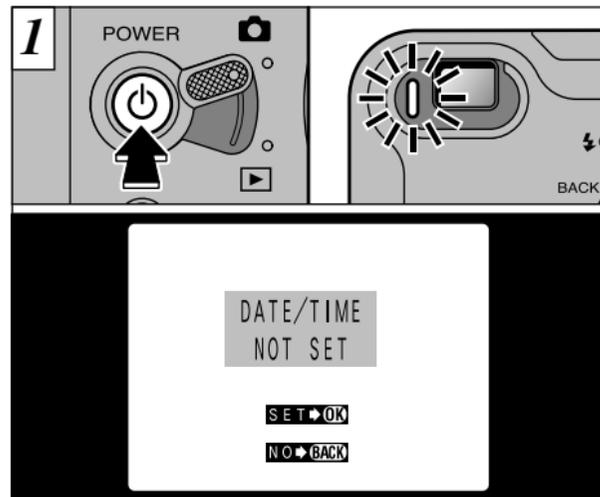
Press the "⏻" (power) button to switch the camera on and off. When you switch the camera on, the viewfinder lamp lights (green).
If the date has been cleared, a confirmation message appears. To set the date, press the "MENU/OK" button (➡P.24).

⚠ If you switch the camera on when the Mode switch is set to "📷", the lens cover opens and the lens moves out. For this reason, take care to avoid touching the lens when you switch the camera on.

2 **LCD Monitor**   **Display Panel**

① Blank   ① 🔋

② Lit white   ② 🔋

③ Lit red   ③ 🔋 Flashing

④ Blinking red   ④ 🔋

You can check the remaining battery charge on the LCD monitor by pressing the "DISP" button to switch the LCD monitor on.
①Battery has ample charge. (No indicator displayed.)
②The battery is approximately half charged.
③Battery charge low. Replace or recharge the battery as it will run out shortly.
④The battery is exhausted. The display will shortly go blank and the camera will stop working. Replace or recharge the battery.

⚠ The display panel icons ① and ② are only shown for 2 seconds when the camera is switched on.

◆ **Auto Power Save Function** ◆
When this function is enabled, the LCD monitor switches off to conserve battery power if the camera is not used in any way for 30 seconds (See P.98 for details).

22

SETTING THE DATE AND TIME

1

SP   MENU/OK

② AUTO   1M N 0098

OPTION

LCD
BRIGHTNESS

▶ SET–UP

FILE SIZE
/QUALITY

OFF OFF   SET
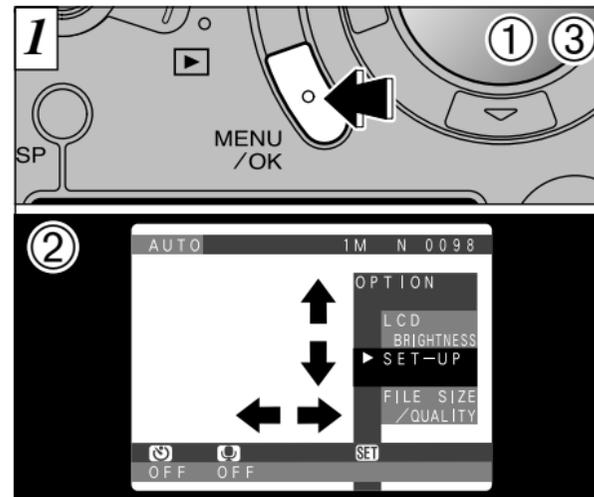
①Press the "MENU/OK" button to display the menu screen.
②Use "◀", "▶", "▲" or "▼" to select "SET–UP" from the "SET OPTION" menu.
③Press the "MENU/OK" button.

If the date was cleared and you selected "SET DATE/TIME", proceed from step *3* (➡P.24).

2

MENU/OK

SET–UP

▲DATE/TIME   ▶SET▶

FRAME NO   ▶RENEW

BEEP♪   ▶HIGH

LANGUAGE   ▶ENGLISH

RESET ALL   ▶OK▶

SET▶OK   CANCEL▶BACK
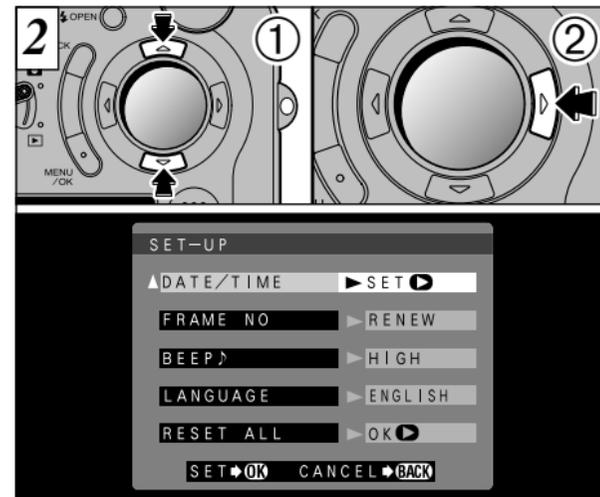
①The "SET–UP" screen appears.
Use "▲" or "▼" to select "DATE/TIME".
②Press "▶".

⚠ See P.92 for more information on the "SET OPTION" menu.
⚠ If at least 3 hours have passed since the AC power adapter was connected or the battery inserted and date and time set, then those settings will be maintained for roughly 1 hour even when the camera has no power supply (when the AC power adapter is disconnected and the battery is removed).

23

3

① ②

MENU
/OK

📅 DATE/TIME

DATE 2001 / 01 / 01

TIME 12 : 00 : 00 AM

SET→OK   CANCEL→BACK
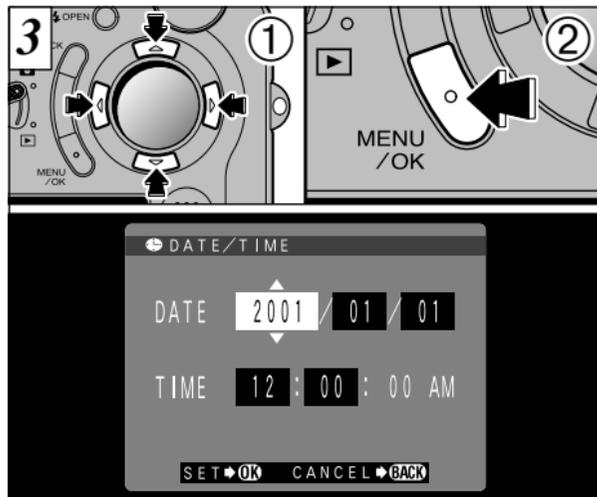
① Use the "◀ ▶" button to select the desired item and then use the "▲" and "▼" buttons to correct the setting.

② When you have finished setting the date and time, press the "MENU/OK" button to confirm the setting.

⚠ If you hold down the "▲" or "▼" button, the numbers change continuously.

⚠ When the time displayed passes "12:00:00", the AM/PM setting automatically switches.

⚠ To set the time precisely, press the "MENU/OK" button when the time is at zero seconds.

24

4

▶

MENU
/OK

SP
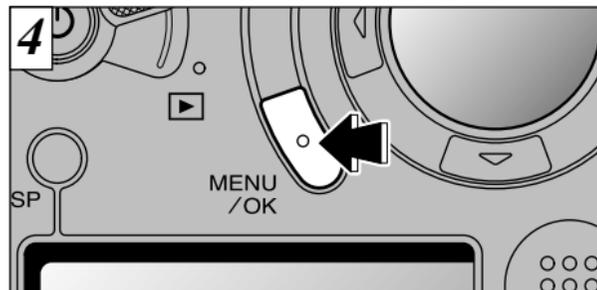
The "SET–UP" screen reappears. Press the "MENU/OK" button to exit the settings screen.

If the date was cleared and you selected "SET DATE/TIME", the camera switches to photography or playback mode without returning to the "SET–UP" screen.

1

POWER 📷 ①   ②

AUTO

SP

▶

DISP   MENU
/OK
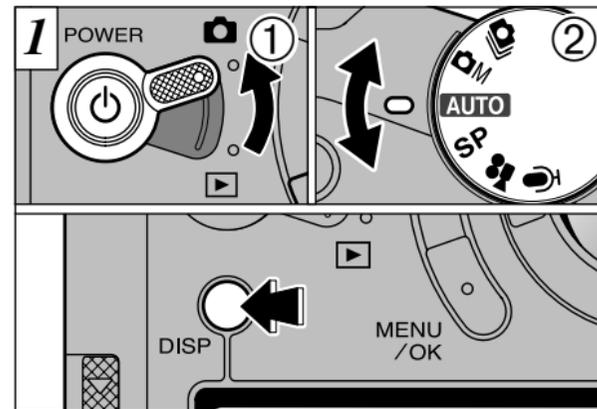
① Set the Mode switch to "📷" ② Set the Photography Mode dial to "**AUTO**". For viewfinder photography (other than Macro mode), press the "DISP" button to switch the LCD monitor off.

● **Photography range:** Approx. 60 cm (2 ft.) to infinity

⚠ If "🔋 CARD ERROR", "🔋 CARD NOT INITIALIZED "or "🔋 WRITE ERROR "is displayed, first wipe the contact surface on the SmartMedia (gold-colored area) thoroughly with a soft, dry cloth and then reload the SmartMedia. In some cases, you may have to format the SmartMedia (➡P.78).

2

Loop the strap over your wrist, brace your elbows firmly against your body and hold the camera with both hands.

⚠ For subjects closer than 60 cm (2 ft.), use Macro photography (➡P.56).

⚠ To minimize power consumption, you should use the viewfinder (switch the LCD monitor off) to take pictures.

⚠ Automatic flash mode is recommended for ordinary photography (➡P.53).

⚠ The image will be blurred if the camera moves when you take the picture (camera shake). When you are shooting in low-light conditions, use the flash (➡P.52) or a tripod to prevent blurred images due to camera shake.

25

2

TAKING PICTURES (AUTO MODE)

3
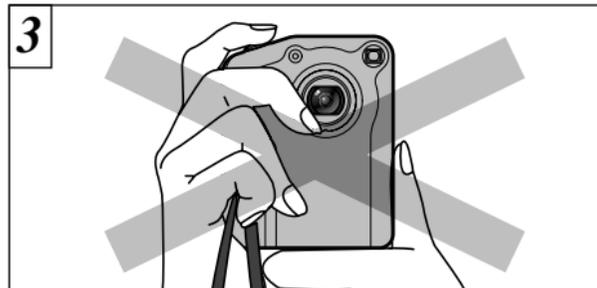
Be careful to ensure that the lens, microphone and flash control sensor are not obscured by your hands or the camera strap.

⚠ The camera may not be able to take successful pictures if your fingers or the strap are in the way.

⚠ Check that the lens is clean. If it is dirty, clean the lens as described on P.111.

4

AUTO 1M N 0049

T

Zoom bar

W
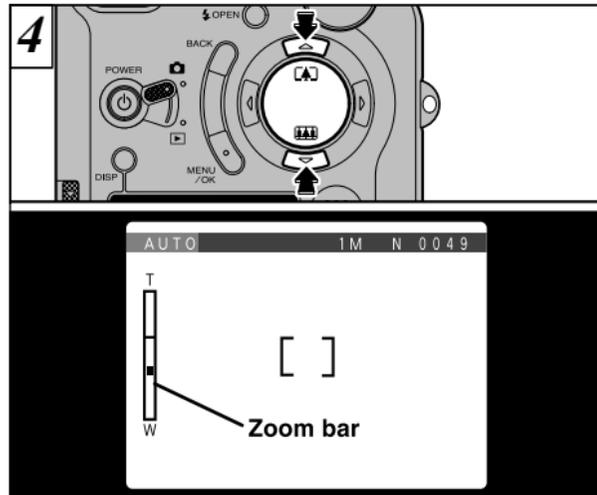
To zoom in on the subject, press "▲" (◄TELE). To zoom out, press "▼" (WIDE). A "zoom bar" appears on the LCD monitor when you zoom in or out.

⚠ Zooming stops briefly when the camera switches between optical zoom and digital zoom (➡P.57).

⚠ Equivalent to a 3× optical zoom lens with a focal length of 36 mm – 108 mm on a 35 mm camera. When you switch the camera on, the focal length is equivalant to 44mm.

5

AF frame

Viewfinder

AUTO 1M N 0049

AF frame
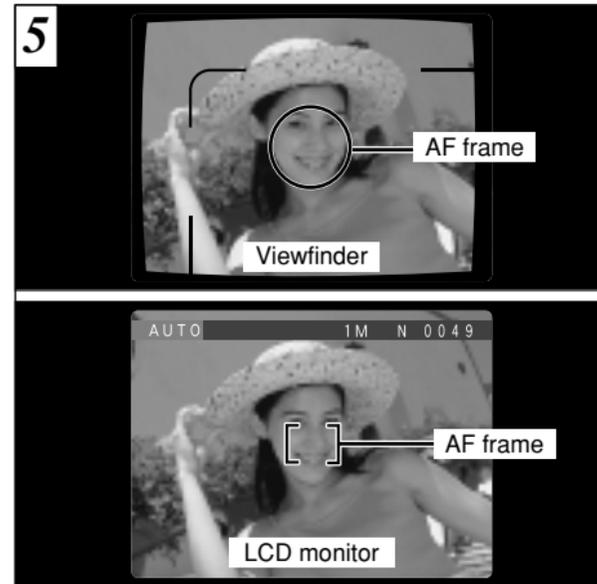
LCD monitor

Using the viewfinder or LCD monitor, frame your shot so that the subject fills the entire AF (Auto Focus) frame.

⚠ If your subject is not in the center of the picture, use AF lock to take the picture(➡P.31).

⚠ For dimly lit scenes where the subject is difficult to see in the LCD monitor, you should use the viewfinder.

6
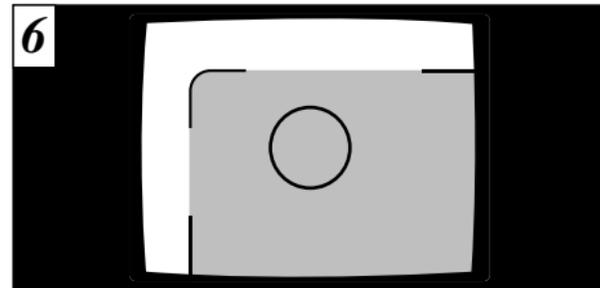
When you are using the viewfinder to take a picture at a distance of 0.8 m to 1.5 m (2.6 ft. to 4.8 ft.), only the shaded area in the figure is photographed.

⚠ If the image on the LCD monitor is difficult to see, adjust the monitor brightness.

2

26

27

TAKING PICTURES (AUTO MODE)

`7`


```
1/500 F7
```

`8`

Beep

To take the picture, press the shutter button down fully without lifting your finger off it. The camera beeps and takes the picture, and the data is then recorded.

Press the shutter button down half way. The image is focused when the AF frame on the LCD monitor becomes smaller and the shutter speed and aperture setting appear (and the green viewfinder lamp stops blinking and remains lit).

- ! When you press the shutter button down halfway, the video image on the LCD monitor freezes briefly. However, this is not the image that is recorded.
- ! If the shot is too dark to focus, try standing about 2 m (6.6 ft.) from your subject to take the picture.

- ! If you press the shutter button down fully in one motion, the shot is taken without the AF frame changing.
- ! When you take a picture, the viewfinder lamp lights orange (camera not ready) before switching back to green to indicate that the camera is again ready for shooting.
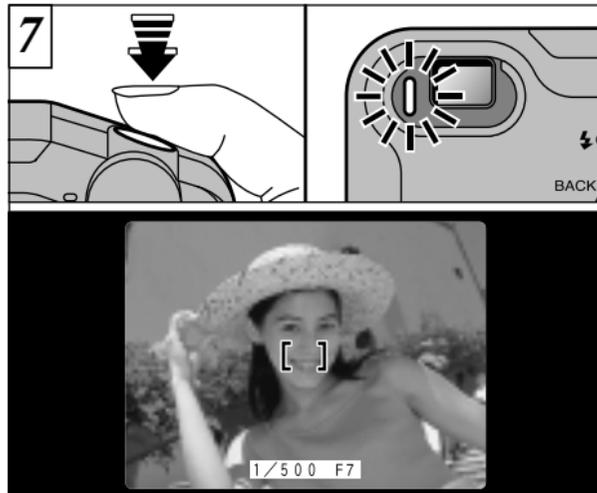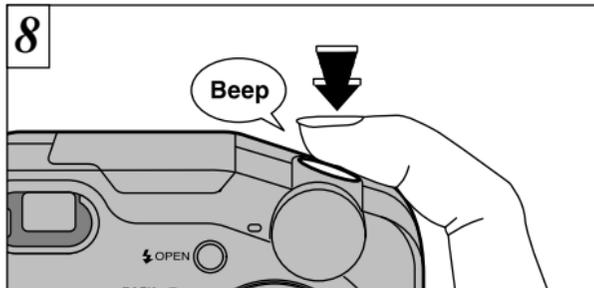- ! The viewfinder lamp flashes orange while the flash is charging.
- ! Since the amount of image data recorded is not fixed and varies depending on the subject (level of image detail, etc.), the number of available shots may not decrease after the image is recorded, or may decrease by 2.
- ! See P.117 – 119 for information on the warning displays.

■ Viewfinder Lamp Display

∗ When the LCD monitor is switched on, more detailed warning messages are displayed (➡P.117).

Display	Status	Camera Operation
Lit green	Ready to shoot.	All camera operations are possible.
Blinking green	AF/AE in progress or camera shake warning.	All camera operations are possible.
Blinking green and orange alternately	Recording to SmartMedia.	Only zooming and picture taking are possible.
Lit orange	Image being recorded onto the SmartMedia.	No camera operations are possible.
Blinking orange	Flash charging. PC communication in progress	No camera operations are possible.
Blinking red	● SmartMedia warning. No SmartMedia loaded, SmartMedia not formatted, incorrect format, write-protect sticker used, SmartMedia full, SmartMedia error. ● Lens operation error.	No camera operations are possible.

◆ Subjects Not Suitable for Autofocus ◆

Though the FinePix6800 ZOOM uses an accurate autofocus mechanism, it may have difficulty focusing or not be able to focus at all for the types of subject and situation listed below. In such cases, the image may be out of focus.

- ● Very shiny subjects such as a mirror or car body.
- ● Subjects photographed through glass.
- ● Subjects that do not reflect well, such as hair or fur.
- ● Subjects with no substance, such as smoke or flames.
- ● When the subject is dark.

- ● When there is very little contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background).
- ● When there are objects in front of or behind the subject (such as an animal in a cage or a person in front of a tree).
- ● Subjects moving at high speed.

2

TAKING PICTURES (AUTO MODE)

Number of Available Frames

The number of available shots is displayed on the LCD monitor or display panel.

⚠ See P.94 for information on changing the File size and Quality setting.

⚠ At shipment, the default settings are "1M" (file size) and "NORMAL" (quality).

Number of remaining shots
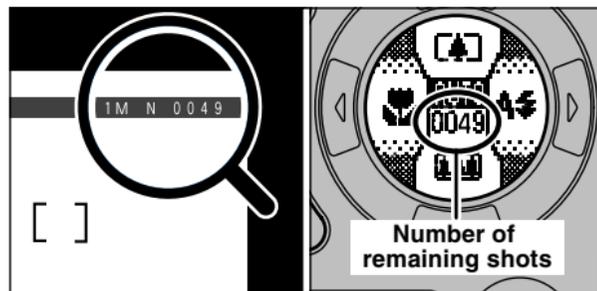
■ Standard number of shots per SmartMedia™

The number of shots that can be recorded onto a SmartMedia card varies slightly depending on the type of subject. Also, the difference between the standard number of shots and the actual number of available shots increases for SmartMedia with a higher capacity.

File Size	**6M** 2832 × 2128			**3M** 2048 × 1536		**1M** 1280 × 960		**VGA** 640 × 480
Quality Mode	FINE	NORMAL	BASIC	FINE	NORMAL	FINE	NORMAL	NORMAL
Image Data Size	Approx. 2400KB	Approx. 1200KB	Approx. 460KB	Approx. 1300KB	Approx. 590KB	Approx. 620KB	Approx. 320KB	Approx. 90KB
MG-4S (4MB)	1	3	8	2	6	6	12	44
MG-8S (8MB)	3	6	17	6	13	12	25	89
MG-16S (16MB)	6	13	33	12	26	25	49	163
MG-32S (32MB)	13	28	68	25	53	50	99	330
MG-64S (64MB)	26	56	137	50	107	101	198	663
MG-128S (128MB)	53	113	275	102	215	204	398	1330

✱ The numbers of available shots are shown for formatted SmartMedia.

USING AF/AE LOCK

1

In a shot with this type of composition, the subjects (two people in this case) are not in the AF frame. If the shot is taken at this point, the subjects will not be in focus.

2

Move the camera slightly so that one of the subjects in the AF frame.

2

◆ **AF/AE Lock** ◆
On the FinePix6800 ZOOM, when you press the shutter button down half way, the focus and exposure settings are fixed (AF/AE lock). If you want to focus on a subject that is off to one side of the image or if you want to set the exposure before you compose the final shot, lock the AF and AE settings and then compose and shoot your picture to get the best results.

USING AF/AE LOCK

3
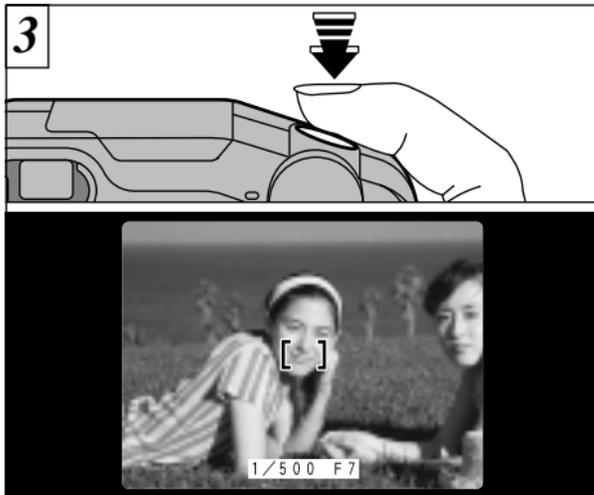
Keep holding the shutter button down halfway (AF/AE lock). Check that the AF frame on the LCD monitor shrinks and that the shutter speed and aperture setting are displayed (the viewfinder lamp (green) changes from blinking to steady).

1/500 F7

4

Beep
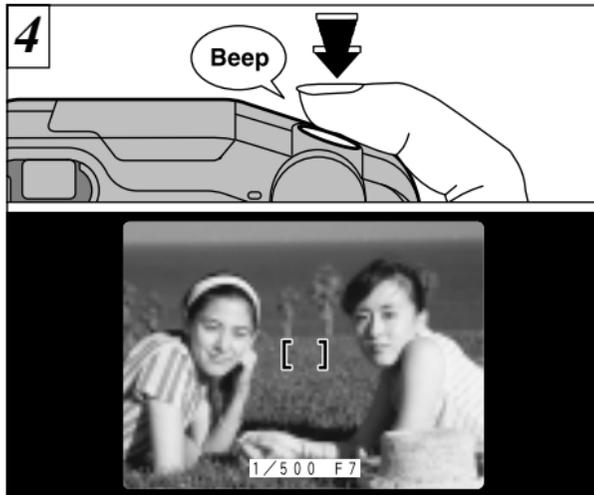
Continue to hold the shutter button down halfway. Move the camera back to the original image and then fully press down on the shutter button.

1/500 F7

⚠ You can reapply the AF/AE lock as many times as you like before releasing the shutter.
⚠ The AF/AE lock operates in all photography modes and can be used to ensure excellent results.

FRAMING GUIDELINE FUNCTION

OPEN

DISP   MENU /OK

No text displayed
↓
Text displayed
↓
Framing Guideline displayed
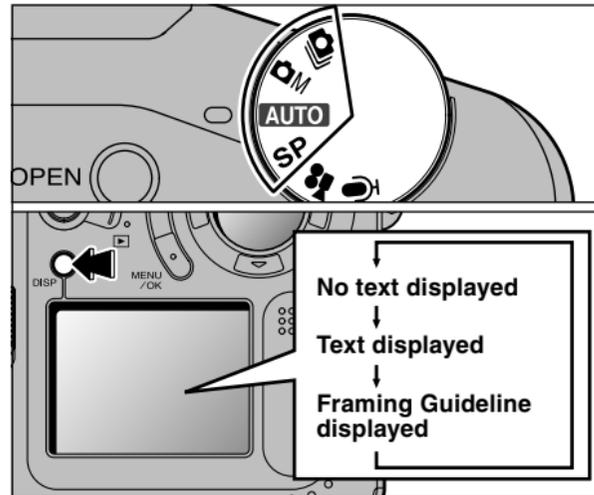
The photography mode can be set to "**AUTO** · **SP** · 📷M or 🎬". The mode shown on the LCD monitor switches each time you press the "DISP" button. Press the "DISP" button to display the framing guideline.

⚠ The framing guideline is not recorded on the image.
⚠ The lines in the scene frame roughly divide the recorded pixels into three equal parts horizontally and vertically. When the image is printed, the resulting print may be shifted slightly from the scene frame.

Scene

Use this frame when you want to position your main subject in the center of the frame or when you want to align your shot with the horizon.
This feature allows you to compose a shot that captures the moment while focusing on the subject size and the overall balance of the shot.

AUTO   1M N 0049

[ ]

2

◆ **Important** ◆

Always use the AF/AE lock to compose your picture.
Failing to use the AF/AE lock may result in the image being out of focus.

VIEWING YOUR IMAGES (PLAYBACK)

1

Set the Mode switch to "▶".

2

Normal playback
↓
No text displayed
↓
Multi-frame playback
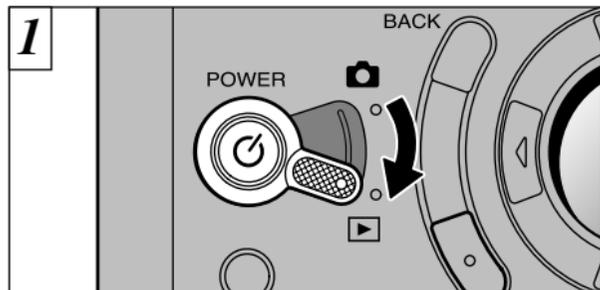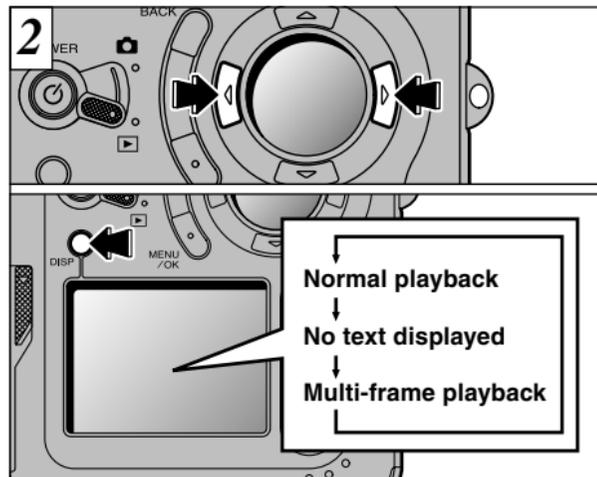
You can use "◀" and "▶" button to move forward and backward respectively through your images. The monitor display changes each time you press the "DISP" button.

⚠ When you set the Mode switch to "▶", the last image shot is displayed.

⚠ If image on the monitor is difficult to see, adjust the monitor brightness (➡P.93, 95).

◆ **Images That Can be Viewed on the FinePix6800 ZOOM** ◆

You can use this camera to view (excluding some uncompressed data) images recorded on an FinePix6800 ZOOM or images recorded onto a 3.3V SmartMedia using a FUJIFILM FinePix series, MX series and DX series digital camera.

FAST FORWARDING IMAGES
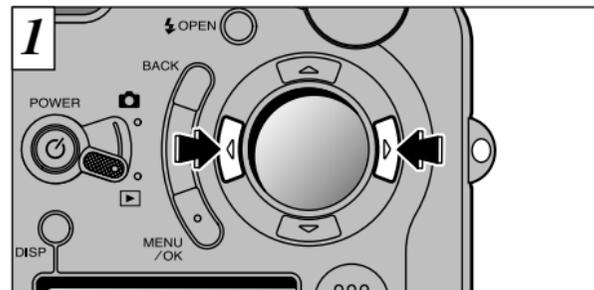
1

You can fast forward through the frames by holding down "◀" or "▶" button for about 1 second during playback.

2

During fast forward, 3 frames are shown together in miniature on the monitor. When you stop fast forward, the image enclosed in the cursor (the orange box) is displayed on the monitor as a single image.

2

⚠ A progress bar is displayed to show the approximate playback position on the SmartMedia.

PLAYBACK ZOOM

1

2

Pressing the "▲" or "▼" button during single-frame playback zooms in (enlarges) or out on a still image. When you use this function, a zoom bar is displayed.

● **Zoom scales:**
  6M 2832 × 2128 pixel images: Max 18×
  3M 2048 × 1536 pixel images: Max 13×
  1M 1280 × 960 pixel images: Max 8×
  VGA 640 × 480 pixel images: Max 4×

⚠ Pressing the "◄" or "►" button during zooming cancels zooming and moves to the next image.

After you have zoomed in on your image,
① Press the "DISP" button.
② Use the "▲▼" and "◄►" buttons to zoom in on different parts of the image.
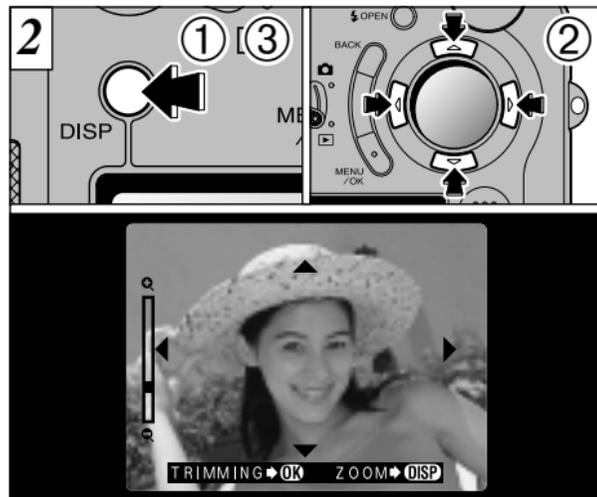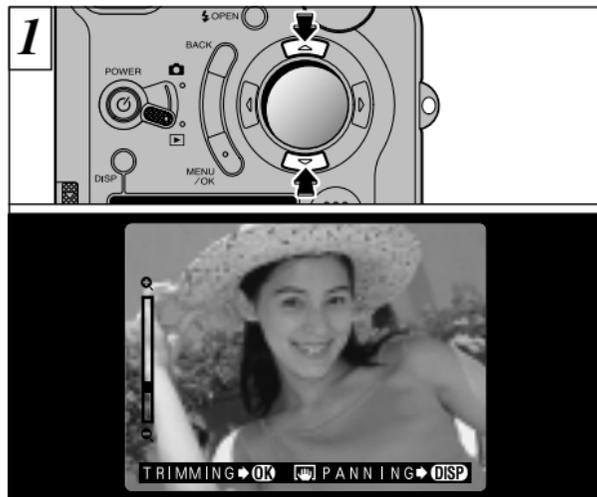③ Press the "DISP" button again to revert to zoomed display.

⚠ Press the "BACK" button to return to normal unscaled display.

Saving Trimmed Images

1
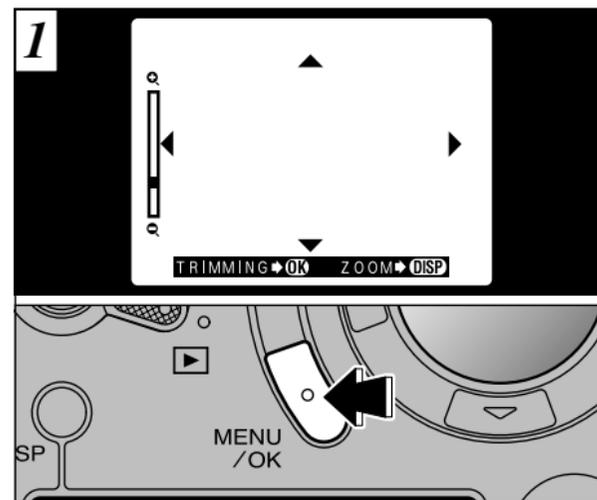
After using playback zoom, press the "MENU/OK" button to trim the image.

> The size of the saved image varies depending on the zoom scale. In VGA mode, "TRIMMING➔OK" is displayed in yellow. At resolutions below VGA, "TRIMMING➔OK" is no longer displayed.

2
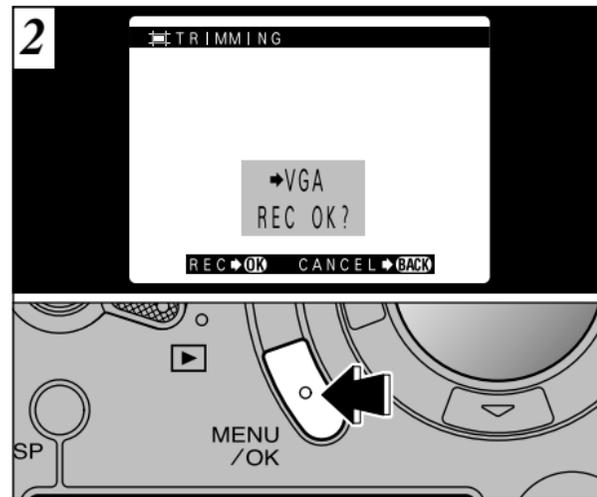
Check the size of the image being saved and then press the "MENU/OK" button. The trimmed image is saved as a separate file.

■**Image Sizes**

3M	Best for prints
1M	Good for prints
VGA	"TRIMMING" is displayed in yellow since the quality is too low for printing.

⚠ Lower than **VGA** : "TRIMMING➔OK" is no longer displayed and images cannot be saved trimmed as the quality is not suitable for printing.

MULTI-FRAME PLAYBACK

1

Normal playback
↓
No text displayed
↓
Multi-frame playback
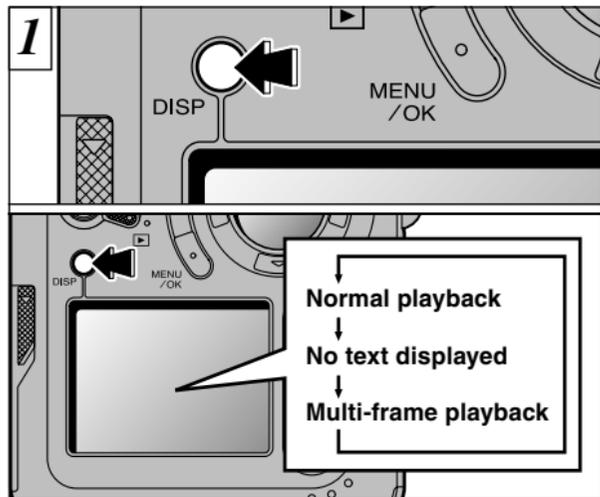
In playback mode, the display shown on the LCD monitor switches each time you press the "DISP" button. Press the "DISP" button until the multi-frame playback screen (9 frames) appears.

⚠ The LCD monitor text display disappears after approximately 3 seconds.

⚠ Playback zoom cannot be used with multi-frame playback.

2

① ②
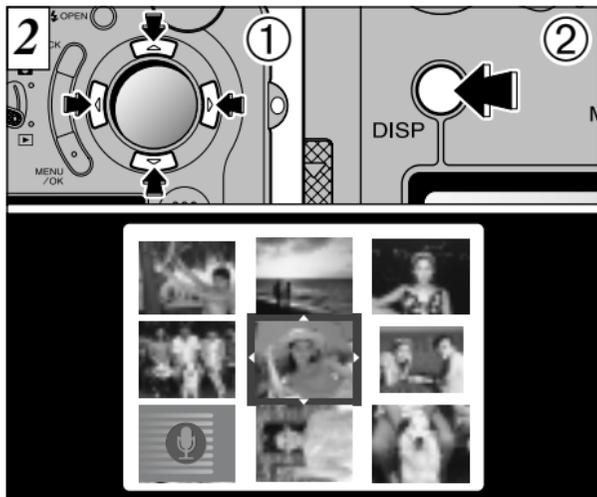
①Select a frame by using "◀", "▶", "▲" and "▼" button to move the cursor (the orange box) to the desired frame. Press the "▲" or "▼" button several times to switch to the previous page or the next page.

②You can enlarge the selected image by pressing the "DISP" button again.

⚠ Multi-frame playback is also useful for specifying erase, protect and DPOF settings for single frames and for selecting images when you want to check or cancel DPOF settings.

ERASING SINGLE FRAME

1

POWER ① ②

100-0009

ERASE

FORMAT
ALL FRAMES
▶ FRAME

SET
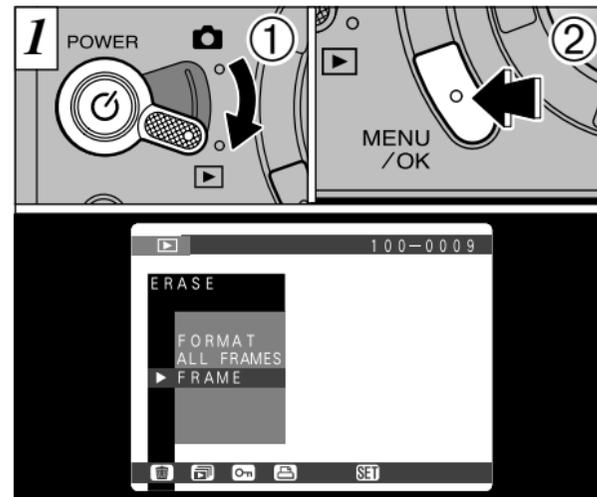
①Set the Mode switch to "▶".
②Press the "MENU/OK" button to display the Menu screen on the monitor.

⚠ See P.78 for more information on the Erasing all frames and Formating.

⚠ Multi-frame playback (➡P.38) is an easy way to select images to be protected.

2

②

100-0009

ERASE

FORMAT
ALL FRAMES
▶ FRAME

SET
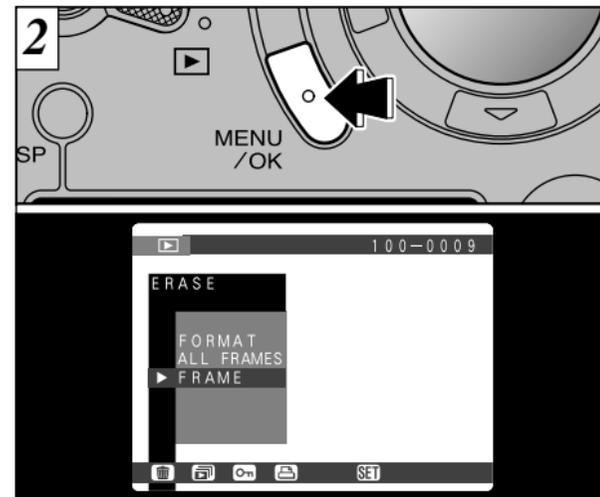
Select "FRAME" in the "▣ERASE" menu and press the "MENU/OK" button.

2

ERASING SINGLE FRAME

3
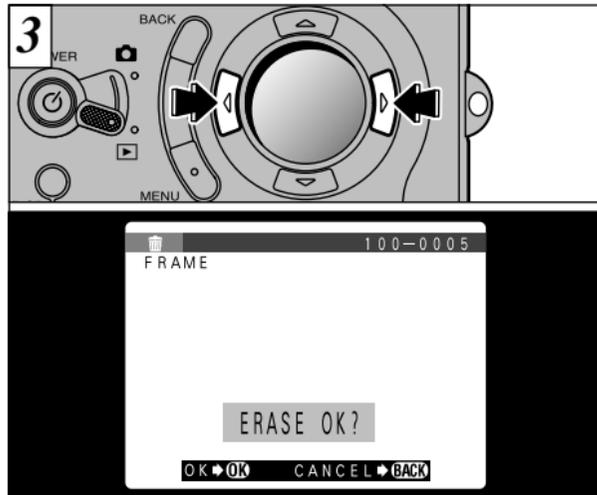
Press the "◄" or "►" button to display the image to be erased.

⚠ To cancel single-frame erase, press the "BACK" button to return to the menu. To exit the menu screen, press the "BACK" button again.

4
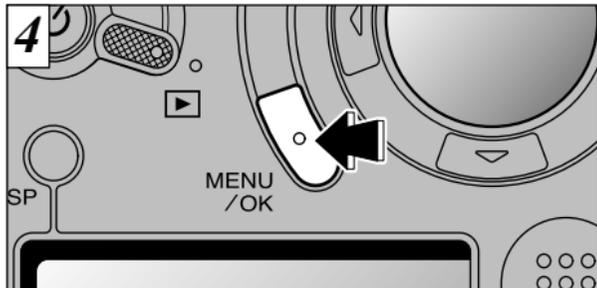
Press the "MENU/OK" button to erase the displayed image. When erasing is complete, the next image appears and the " ERASE OK? " message is displayed.

⚠ If " PROTECTED FRAME " is displayed, the image protection must be removed to erase the image (➡P.81).
⚠ If the " DPOF SPECIFIED. ERASE OK? " message is displayed, DPOF is specified. When you press the "MENU/OK" button, the image is erased and the DPOF settings are updated.

To continue erasing images, repeat the procedure from step *3*.

USING A TV MONITOR

1
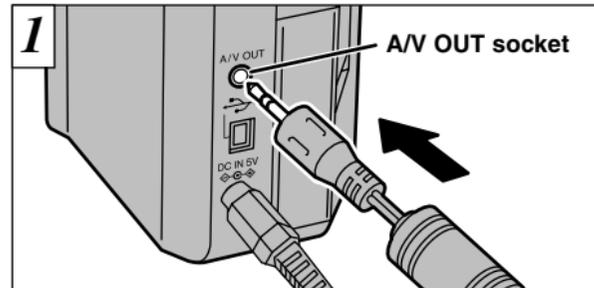
Switch off the camera and TV. Plug the A/V cable (accessory) into the A/V OUT (audio-visual output) socket on the camera.

⚠ If you connect the A/V cable during playback, you will not hear the sound from the camera.
⚠ The image continues to be displayed on the LCD monitor.
⚠ If you disconnect or reconnect the A/V cable while the power is switched on, the sound may not be output correctly.
⚠ If there is a power outlet available, connect the AC-5V/AC-5VH AC Power Adapter.

2
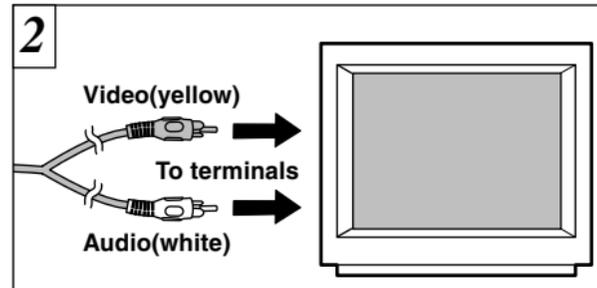
Plug the other end of the cable into the audio/video input socket on the TV. Then switch the camera and TV on and take pictures or play back images as you would normally.

⚠ If your TV has stereo audio input sockets, plug the cable into the left (white) socket.
⚠ Refer to the instructions provided with your TV for more information on audio and A/V input for your TV.

2

The Advanced Photography section introduces a range of camera functions that you can access by setting the Mode switch to "📷".

■ Photography mode specifications

Photography Mode	Accessible menu settings	Factory default	Shared menu settings	Flash Photography (➡P.52)	Macro photography (➡P.56)
AUTO Auto (➡P.43)	🕐Self-timer (➡P.59) 🎤Voice captioning (➡P.61)	OFF OFF		A⚡, 👁, ⚡, S⚡	○
SP Scene Position (➡P.43)				—	—
🏃 Portrait (➡P.44)	SP Scene position (➡P.43) 🕐Self-timer (➡P.59) MF Manual focus (Nighttime shots only) (➡P.65)	🏃 OFF OFF	SET OPTION *See P.93 for more information on each of the settings.	A⚡, 👁, ⚡, S⚡	×
🏔 Scene (➡P.44)				—	×
🌙 Night Scene (➡P.44)				👁, ⚡	×
BW Black and White (➡P.44)				A⚡, 👁, ⚡, S⚡	○
📷M Manual (➡P.45)	🕐Self-timer (➡P.59) WB White balance (➡P.64) ISO Sensitivity (➡P.65) MF Manual focus (➡P.65) S Sharpness (➡P.66) ⚡Flash (➡P.67) EV EV (➡P.67) 🖼Multi-exposure (➡P.68) 📷Photometry (➡P.70)	OFF AUTO 100 OFF NORMAL 0 0 OFF MULTI		A⚡, 👁, ⚡, S⚡	○
📇 Continuous Shooting (➡P.46)	🕐Self-timer (➡P.59) MF Manual focus (➡P.65) 🔁Auto bracketing (➡P.63)	OFF OFF OFF		—	○
🎥 Movie (Video) (➡P.47)	—	—		—	×
🎤 Audio Recording (➡P.50)	—	—		—	×

*You cannot change the flash and macro settings when you are using manual focus.
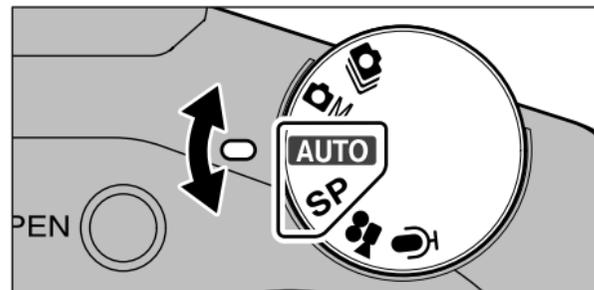
Turn the Mode dial to set the mode.

AUTO Auto

This is the simplest mode for taking pictures and can be used in a wide range of situations.

SP Scene Position

This setting provides modes tailored to the type of scene photographed.

In "SP" (Scene Position) mode, you can choose from 4 types of scene: 🏃 · 🏔 · 🌙 or BW.

Selecting the SP photography mode
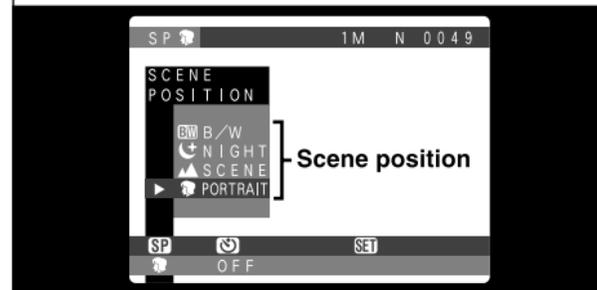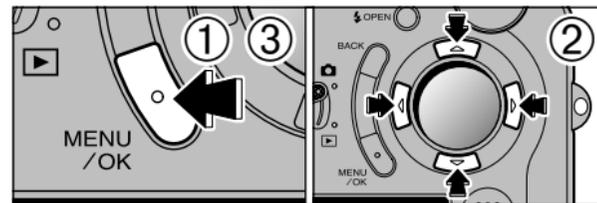
①Press the "MENU/OK" button to display the menu.

②Use "▲", "▼", "◀" or "▶" to select the photography mode from the "SP SCENE POSITION" menu.

③Press the "MENU/OK" button to confirm your selection.

3

🎭 Portrait

Use this mode for shots of people. Portrait mode provides soft-tone images with natural skin colors.

● Usable Flash Modes
Auto Flash, Red-Eye Reduction, Forced Flash, Slow Synchro

🏔 Scene (Landscape)

Use this mode for daytime shots of scenery. Landscape mode provides crisp, clear shots of buildings, mountains and other scenery.

● Usable Flash Modes
The Flash mode is automatically set to Suppressed Flash. This setting cannot be changed.

🌙 Night Scene

Use this mode for shots taken in the evening or at night. Night Scene mode gives priority to slower shutter speeds.

● Shutter
Slow shutter speed mode with speeds as slow as 3 seconds.
● Usable Flash Modes
Red-Eye Reduction, Forced Flash

BW Black and white

You can use this option to shoot in black and white regardless of the type of scene.

● Usable Flash Modes
Auto flash, Red-Eye Reduction, Forced Flash, Slow Synchro

With the exception of BW Black and White mode, the Macro setting cannot be selected.

44

1
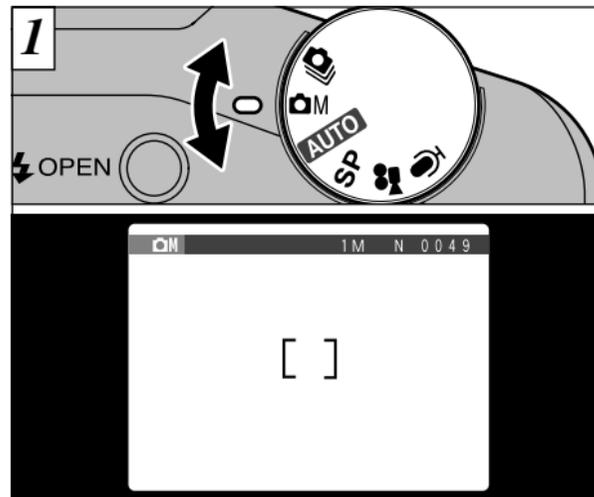
Turn the Mode dial to set the mode.

📷M Manual

Manual mode allows you to specify your own combinations of photography settings.

2
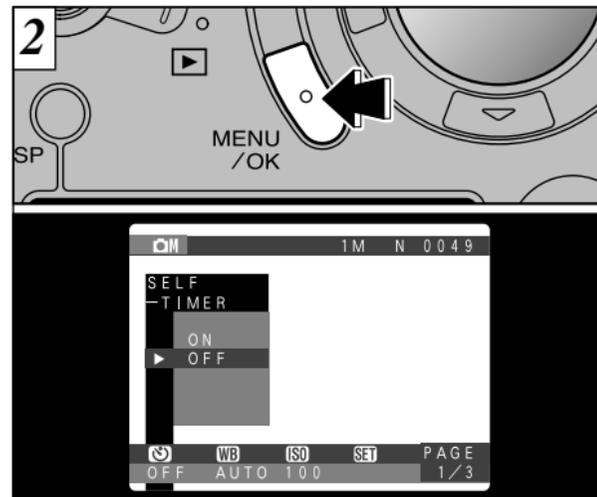
Press the "MENU/OK" button to display the menu. See P.58 – 70 for details of the photography menu.

❗ The factory default settings for "📷M MANUAL" are shown on P.42.
To revert to the factory default settings, use "RESET ALL". (➡P.92)

45
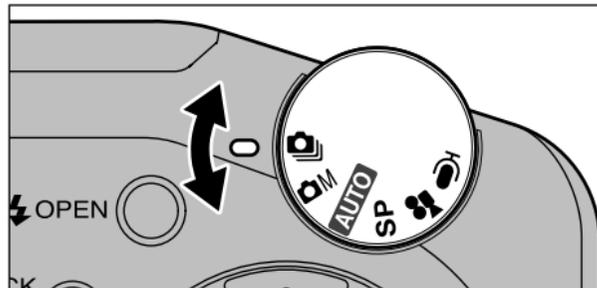
Turn the Mode dial to set the mode.

📷 Continuous Shooting

In this mode, the camera shoots up to 5 continuous frames at intervals as short as 0.2 seconds.

⚠ You cannot use the flash in this mode.
⚠ The continuous photography speed is the same regardless of the quality and file size settings.

Auto bracketing can be used in this mode (➡ P.63).

A "🔲PREVIEW" screen is always shown when you take pictures in this mode. The images are arranged from left to right in the order they were taken. To record the images, press the "MENU/OK" button. Do not to record the images, press the "BACK" button.
You can also select the image to be recorded. See P.97 for details.

⚠ The focus and exposure are determined for the first frame and cannot be changed during shooting.
⚠ The "STORING" message is displayed while data is being recorded onto the SmartMedia.
⚠ The time required to record a file is approximately 21 seconds in "6M・NORMAL" mode.

46
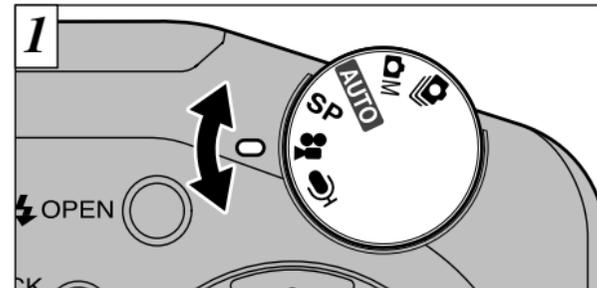
Turn the Mode dial to select the settings.

🎥 Movie (Video)

Use this mode to shoot up to 160 seconds of video per movie.

● **Movie format:** Motion JPEG (➡P.126)
    320 × 240 pixels
    10 frames per second
    With sound

⚠ Because the audio is recorded as you shoot, take care not to cover the microphone with your finger (➡P.8).
⚠ The shooting time per shot may be shorter than 160 seconds depending on the available space on the SmartMedia.
⚠ You cannot switch the LCD monitor off in this mode.
⚠ You may not be able to play back your movie on cameras other than the FinePix6800 ZOOM.
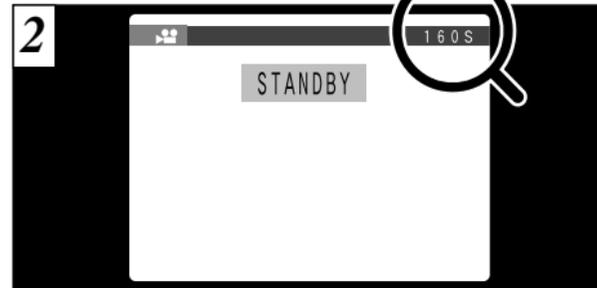
The available shooting time and the "STANDBY" message are shown on the LCD monitor.

3

■ SmartMedia standard shooting time

SmartMedia Capacity	Available shooting time
MG-4S (4MB)	Approx. 23 sec.
MG-8S (8MB)	Approx. 47 sec.
MG-16S (16MB)	Approx. 94 sec.
MG-32S (32MB)	Approx. 191 sec.
MG-64S (64MB)	Approx. 385 sec.
MG-128S (128MB)	Approx. 774 sec.

✻ The number of available shots are shown for formatted SmartMedia.

47

3

160S

T

Zoom bar

W
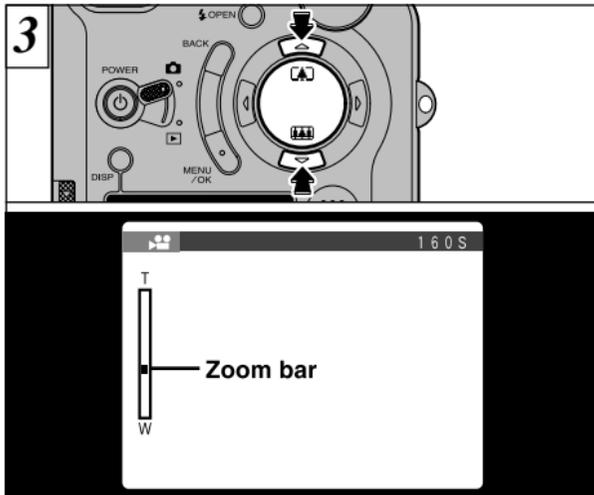
In Movie mode, the lens is locked at the wide-angle setting and only the digital zoom can be used. You can use "▲" and "▼" to zoom in and out. A "zoom bar" is displayed on the LCD monitor.

● **Digital zoom focal distance**
Approx. 36 mm to 72 mm (1.4 in. to 2.8 in.) (2×)

4
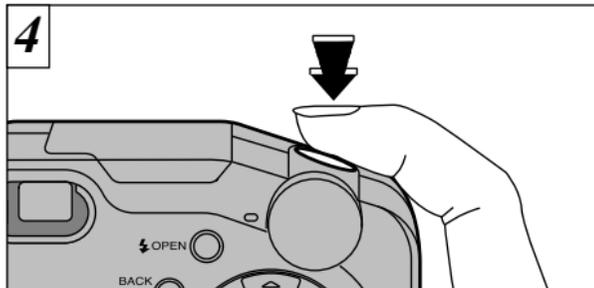
Shooting begins when you fully depress the shutter button.

⚠ You do not need to hold down the shutter button.
⚠ The focus is fixed at 50 cm (1.6 ft.) to infinity.
⚠ The focus and white balance are fixed during shooting, but the exposure varies automatically to suit the scene being shot.

The white balance is automatically set when you fully depress the shutter button.

48

5

●REC 134S
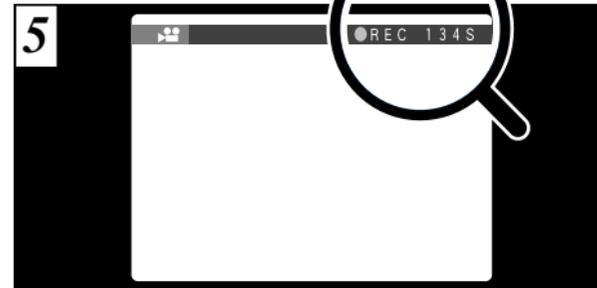
During shooting, a timer in the top-right corner of the LCD monitor counts down the remaining time.

⚠ Once the remaining time runs out, movie recording automatically stops and the movie is stored on the SmartMedia.

6

STORING

⏳
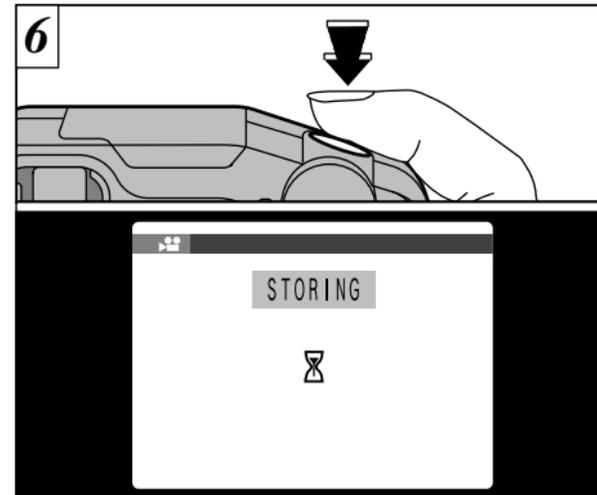
If you press the shutter button during shooting, shooting ends and the movie is recorded on the SmartMedia.

⚠ The time required to record a 160 seconds movie (roughly 25 MB) is approximately 22 seconds.
⚠ If you end shooting immediately after you start shooting, only 3 seconds of movie is shot.

49

3

1
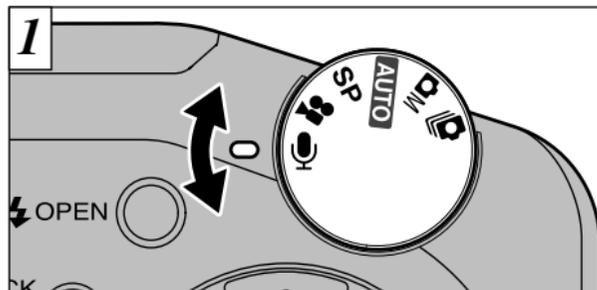
Turn the Mode dial to set the mode.

🎤 Audio Recording

Use this mode to record up to 1 hour of sound per audio recording.

● **Recording format:** WAVE (➡P.126)

⚠ Take care not to block the microphone (➡P.8) with your fingers, etc.

⚠ The maximum length of the audio recording may be shorter than 1 hour depending on the available space on the SmartMedia.

To prevent the lens from remaining extended, select this mode before switching the camera off.

50

2

🎤 AUDIO RECORDING 1:00:00

STANDBY

0:00:00

● START ➡ SHUTTER

The available audio recording time is shown in the top-right corner of the LCD monitor, while the elapsed recording time and the " STANDBY " message are shown in the center of the LCD monitor.

■ Standard audio recording times for SmartMedia

SmartMedia capacity	Available recording time
MG-4S (4MB)	Approx. 8 min.
MG-8S (8MB)	Approx. 16 min.
MG-16S (16MB)	Approx. 33 min.
MG-32S (32MB)	Approx. 67 min.
MG-64S (64MB)	Approx. 135 min.
MG-128S (128MB)	Approx. 272 min.

✱ These audio recording times are for newly formatted SmartMedia.

3 **RECORDING** ①

🎤 AUDIO RECORDING 0:49:27 ②

RECORDING

Elapsed time   Remaining time

0:10:33

■ STOP ➡ SHUTTER
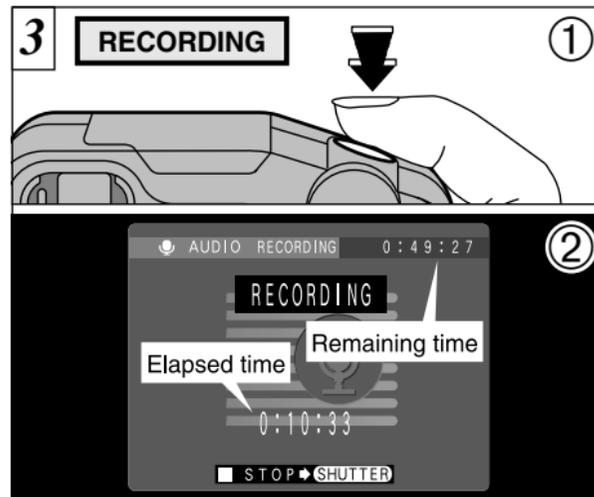
①Fully depressing the shutter button starts audio recording.
②During audio recording, the self-timer lamp blinks and counters on the LCD monitor show the elapsed and remaining time.

⚠ You do not need to hold down the shutter button.
⚠ Once the remaining time runs out, audio recording automatically stops.

4 **STOPPED**
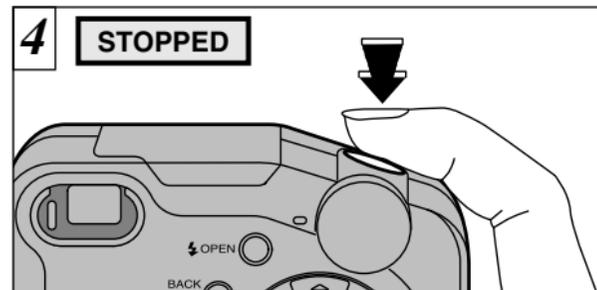
Press the shutter button during audio recording to stop recording.

⚠ Even if you press the shutter button to end audio recording immediately after recording starts, approximately 3 seconds of sound will be recorded.

3

51

FLASH PHOTOGRAPHY

1
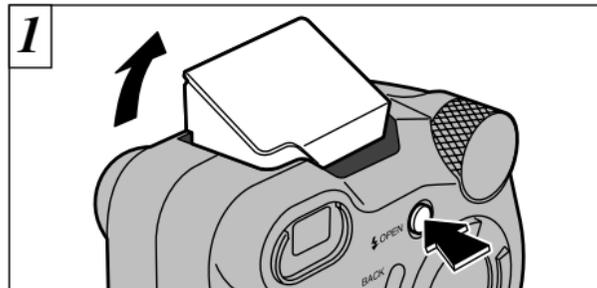
Press the "⚡OPEN" button to pop up the flash.

● **Effective flash range (for "AUTO")**
Wide-angle: Approx. 0.2 m to 3.5 m
            (0.6 ft. to 11.5 ft.)
Telephoto : Approx. 0.2 m to 2 m
            (0.6 ft. to 6.6 ft.)

2
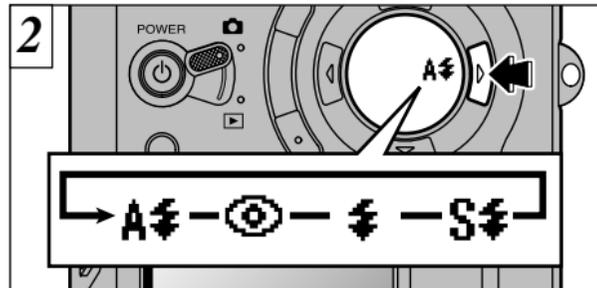
Press "▶" to select the flash setting. The flash setting changes (A⚡ · ◉ · ⚡ · S⚡) each time you press "▶".

⚠ If the photography mode is "AUTO", use the Auto Flash mode.

⚠ When you pop the flash up, the image shown on the screen may disappear and the screen may go dark because the flash is charging. In this event, the viewfinder lamp flashes orange.

⚠ The available flash settings are limited depending on the photography mode (➡P.42).

⚠ The flash setting cannot be changed while you are using manual focus (➡P.65).

A⚡ Auto Flash Mode

Use this mode for ordinary photography. The flash fires automatically as required by the shooting conditions.

◉ Red-Eye Reduction

Use this mode to ensure that the subject's eyes appear natural when photographing people in low-light conditions.
The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture.

◆ **Red-Eye Effect** ◆

When you use the flash to photograph people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. Use Red-Eye Reduction flash to effectively minimize the likelihood of the red-eye effect.
Take the following measures also to make Red-Eye Reduction more effective :

● Get the subjects to look at the camera.   ● Get as close as possible to the subjects.

3

⚡ Forced Flash

Use this flash mode to photograph backlit scenes, such as a subject against a window or in the shade of a tree, or to obtain the correct colors when you are shooting under lighting such as fluorescent tubes. In this mode, the flash fires in bright as well as dark conditions.

S⚡ Slow Synchro

This is a flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the nighttime backdrop.

⚠ The image may be overexposed when you shoot bright scenes.
⚠ Because a slow shutter speed is used, a tripod should be used to prevent camera shake.

To take the picture of a main subject together with a darkgraud brightly in the night, please use the "✦" (Night Scene) settings (➡P.44) in "**SP**" mode .

⑤ Suppressed Flash

Pressing the flash down switches the camera to Suppressed Flash mode.
Use this mode for photography using indoor lighting, for shots taken through glass, and for photography in venues such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. When you use Suppressed Flash, the Auto White Balance function (➡P.126) operates so that natural colors are captured along with the ambience of the available light.

⚠ If you are shooting in Suppressed Flash mode in dark conditions, use a tripod to prevent camera shake.
⚠ See P.29, 118 for information on the camera shake warning.
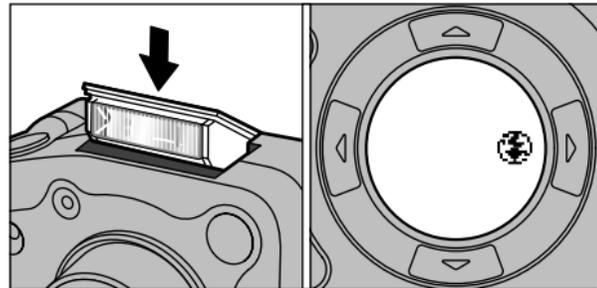
Close the flash to switch to Suppressed Flash mode. The "⑤" icon appears on the display panel and you cannot use the flash.

● In the modes shown below, the "⑤" icon is not displayed but the flash still cannot be used.
　▲ Scene (Landscape) (➡P.44)
　🎬 Movie (Video) (➡P.47)
　🔲 Continuous shooting (➡P.46)

3

✿ MACRO (CLOSE-UP) PHOTOGRAPHY

This mode can be selected in the "**AUTO** · **BW** · **◻**₁ and **◻M**" photography modes.
Selecting Macro mode allows you to take close-up shots.

● **Effective Photography Range:**
Approx. 20 cm – 80 cm (0.6 ft. – 2.6 ft.).

⚠ The macro setting cannot be changed while you are using manual focus (➡P.65).
⚠ Select the appropriate Flash mode for the conditions (➡P.52).
⚠ If the flash is too bright, adjust the flash brightness (➡P.67).
⚠ When shooting in dark conditions, use a tripod to prevent camera shake.

If you use the viewfinder to take a picture in Macro mode, the field visible through the viewfinder does not match the field actually photographed because the viewfinder and lens are in different positions. Accordingly, you should use the LCD monitor to take pictures in Macro mode.
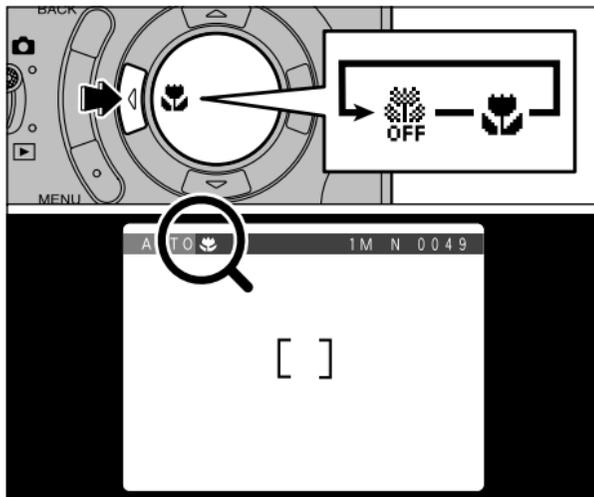
The setting switches between "✿MACRO OFF" and "✿" each time you press "◀".
The "✿" icon appears on the display panel and the LCD monitor when you are using Macro mode.

⚠ The LCD monitor automatically switches on.
⚠ Macro photography is automatically cancelled in the following situations:
• When the photography mode is switched to "**SP · ▶▲**".
• When the camera is switched off.

56

DIGITAL ZOOM

1
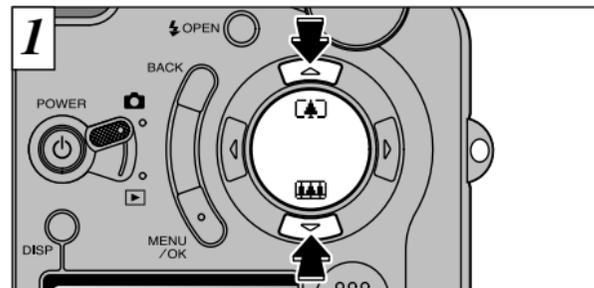
You can use the digital zoom function for all Resolution (File Size) settings other than "**6M**". Note that the digital zoom only functions when you use the LCD monitor to take shots.

● **To use the digital zoom**
Use the optical zoom to zoom in fully (telephoto) and then press the "▲[▲]" button again.
● **To revert to optical zoom**
Use the digital zoom to zoom out fully (wide-angle) and then press the "▼[▲]" button again.

⚠ You cannot use the digital zoom for resolutions of "**6M**".
⚠ When you use the digital zoom, the image on the LCD monitor no longer changes smoothly.
⚠ See P.94 for information on changing the file size setting.

2

| Digital zoom |
| Optical zoom |

Zoom bar display
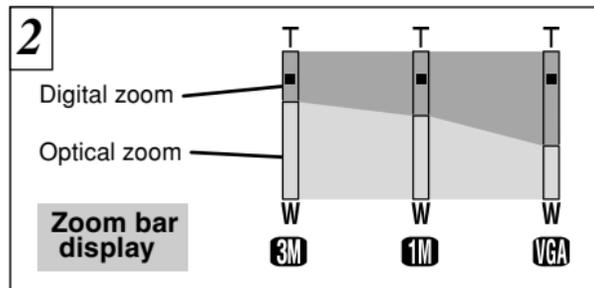
A "zoom bar" appears on the screen. If the image on the screen is difficult to make out, press the shutter button down halfway.

● **Digital zoom focal lengths (35 mm camera equivalent)**
3M : Equivalent to approx. 108 mm – 151 mm (1.4×)
1M : Equivalent to approx. 108 mm – 238 mm (2.2×)
VGA : Equivalent to approx. 108 mm – 475 mm (4.4×)
Movie: Equivalent to approx. 36 mm – 72 mm (2×)

⚠ The optical zoom is equivalent to approximately 36 mm – 108 mm on a 35 mm camera.

3

57
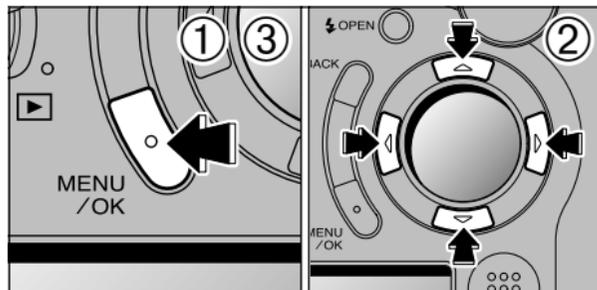
①Press the "MENU/OK" button to display the menu.
②Use "◀" and "▶" to select the menu item and "▲" and "▼" to change the setting.
③Press the "MENU/OK" button to confirm the setting.

Switching Pages
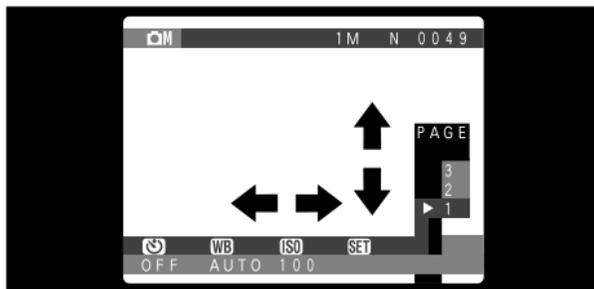
In "◘M MANUAL" mode, you need to switch between menus.
Use the page numbers on the right-hand side of the LCD monitor to jump to another page.

■ **Photography Menu**

Page	Setting
1	⏱ · 📱 · 🔢 · 🔲
2	🔣 · 🔲 · 🔲 · 🔲
3	🔲 · 🔲

⚠ The settings available in the menu screen differ depending on the photography mode. See P.42 for details.

58
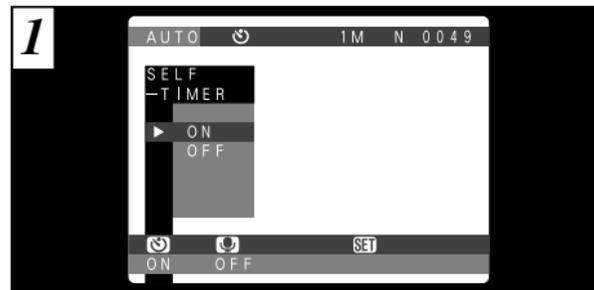
This mode can be selected in the "**AUTO** · **SP** · ◘M · 🔲" photography modes.
In this mode a timer runs for roughly 10 seconds before the shutter is released. Use this mode for shots such as photographs of yourself.
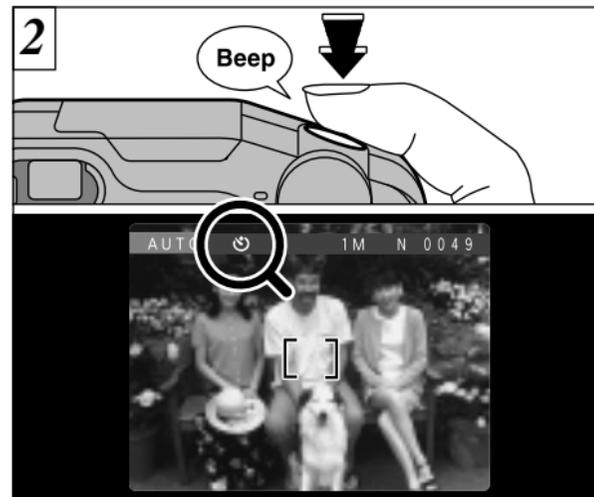
Position the AF frame over the subject and press the shutter button. The camera focuses on the subject in the frame and self-timer starts to run.

⚠ You can also use the AF/AE lock (➡P.31).
⚠ Be careful not to stand in front of the camera when you press the shutter button as this can cause focusing or light metering errors.

59

3

4

☉ SELF-TIMER

7

▯▯▯▯▯▯▯▯▯▯▯

1/500 F7

7
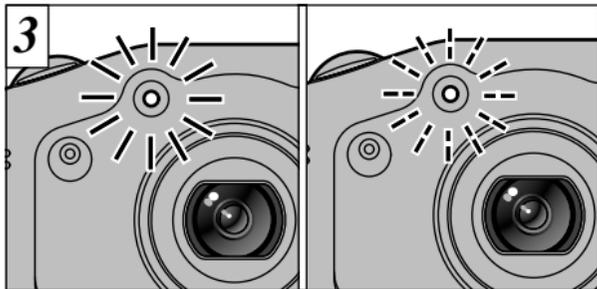
The self-timer lamp lights steadily for roughly 5 seconds and then blinks for another 5 seconds, after which the shot is taken.
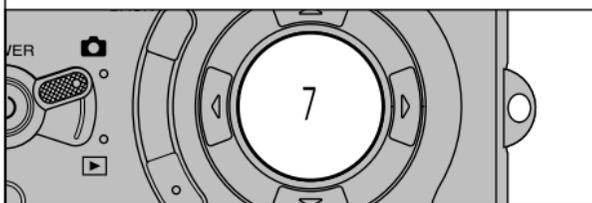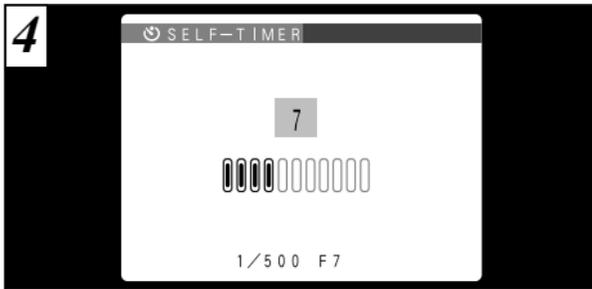
The time until the shutter releases is shown as a countdown bar on the LCD monitor and display panel.
Self-timer mode is automatically cancelled after each shot.

❗ The self-timer is not cancelled for multi-exposure shots.
❗ You can check the countdown on the display panel when the LCD monitor is switched off.

❗ To stop the self-timer, once it has started running, press the "BACK" button.

60

1

AUTO ● 1M N 0049

VOICE
CAPTION

▶ ON
OFF

☉ ● SET
OFF ON

2

VOICE CAPTIONING

REC STANDBY

30s

START▶OK CANCEL▶BACK
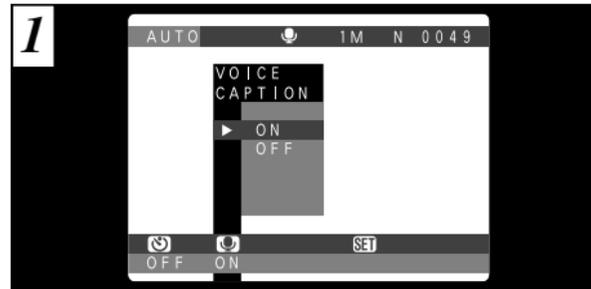
This function can be selected in the "**AUTO**" photography mode.
Voice Memo allows you to record a voice memo (comment) up to 30 seconds long for an image immediately after you take the shot.

● **Recording format:** WAVE (➡P.126)
Audio file size: Approx. 240 KB
(for a 30 seconds voice memo)

❗ The sound recording time may be shorter than 30 seconds depending on the available space on the SmartMedia.
❗ Even if the LCD monitor is switched off, it automatically switches on when you take a picture using the Voice Memo function. The LCD monitor switches off again when audio recording ends.
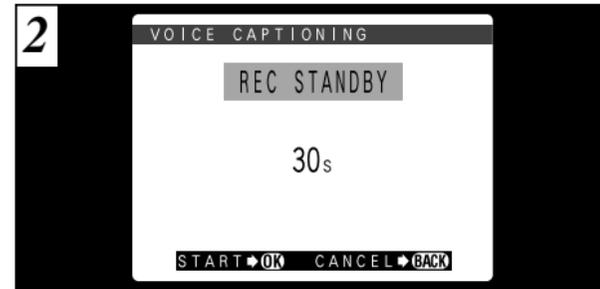
Take a picture as normal. The " REC STANDBY " message then appears on the LCD monitor.

❗ If you do not want to record a voice memo, press the "BACK" button. Note that the image will still be recorded.

3

61

3

4

VOICE CAPTIONING

FINISH

REC ➡ OK   RESTART ➡ BACK

VOICE CAPTIONING

RECORDING

11 s

REC ➡ OK   RESTART ➡ BACK
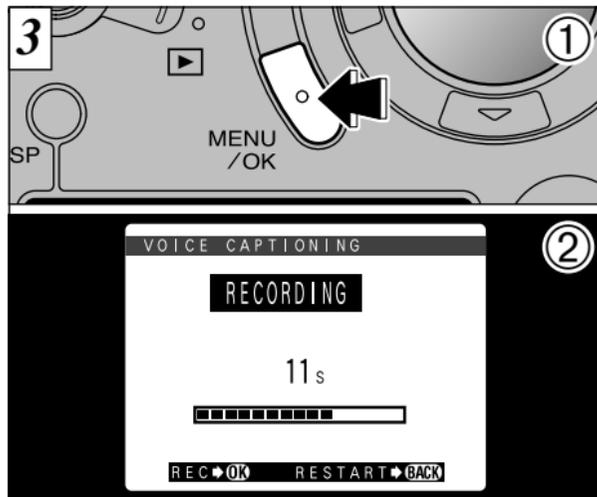
①Press the "MENU/OK" button to start recording the voice memo.

②During audio recording, the remaining time is shown on the LCD monitor and the self-timer lamp blinks.

Face the microphone (➡P.8) on the front of the camera to record your comment. Hold the camera roughly 20 cm away for the best results.
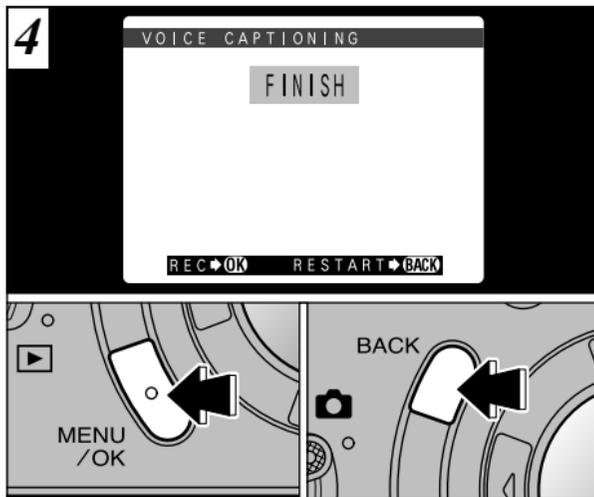
When you have recorded 30 seconds of sound, the "FINISH" message appears on the LCD monitor.

To finish: Press the "MENU/OK" button.
To re-record your comment: Press the "BACK" button.

❗ To end your comment during recording, press the "MENU/OK" button.

1M   N 0049

AUTO
BRACKETING

±1   EV
▶ ±2/3EV
±1/3EV
OFF

OFF   OFF   ±2/3   SET

PREVIEW

±0

Ⓐ   Ⓑ   Ⓒ

REC ➡ OK   CANCEL ➡ BACK   FRAME ➡ ◀ ▶
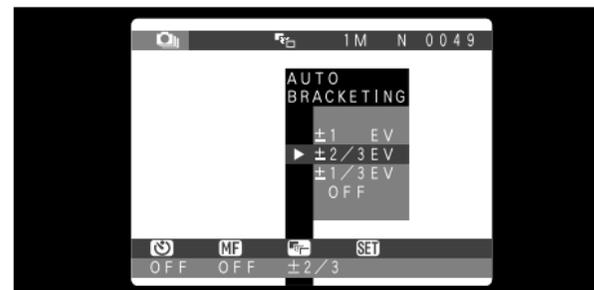
This mode can be selected in the "📷" photography mode.
Use this feature to photograph the same image with different exposure settings. Auto bracketing automatically shoots 3 consecutive frames, one of which is correctly exposed while the remaining two are underexposed and overexposed respectively by a set amount.

● The three available settings are ±1/3, ±2/3 and ±1 EV. See P.126 for a definition of EV.

❗ Flash photography cannot be used.
❗ This feature always takes 3 shots. However, if there is insufficient space on the SmartMedia for 3 shots, no picture will be taken.

Five-frames continuous shooting cannot be used when Auto Bracketing is selected.

A preview screen appears when you take a picture. Ⓐ is correctly exposed, Ⓑ is overexposed and Ⓒ is underexposed. To record the images, press the "MENU/OK" button. To proceed without recording the images, press the "BACK" button.
You can also select the image to be recorded. See P.97 for details.

❗ The "STORING" message appears on the LCD monitor while the images are being recorded onto the SmartMedia.
❗ The time required to record a file is approximately 12 seconds in "6M NORMAL" mode.

3
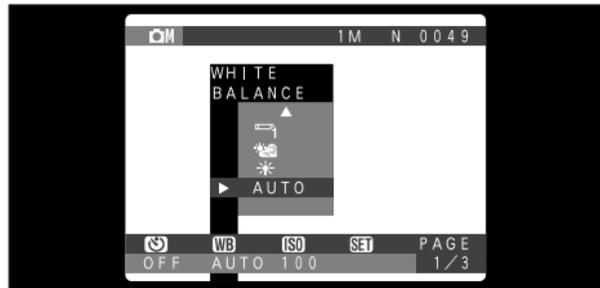
This mode can be selected in the "◻M" photography mode.

Change the white balance setting when you want to take a picture with the white balance fixed for the surroundings and lighting when the picture is taken.

In Auto mode, the correct white balance may not be obtained for subjects such as close-ups of people's faces and shots taken under a special light source. In such situations, select the correct white balance for the light source. See P.126 for more information on the white balance.

AUTO: Automatic adjustment
(Shooting to show the ambience of the light source)

☀ : Shooting outdoors in fine weather

☁ : Shooting in shade

▭₁ : Shooting under "Daylight" fluorescent lamps

▭₂ : Shooting under "Warm White" fluorescent lamps

▭₃ : Shooting under "Cool White" fluorescent lamps

☀ : Shooting in incandescent light

✻ The white balance setting (unless it is a Custom White Balance setting) is ignored when you use the flash. To achieve the desired effect in your shot, press the flash back down to suppress flash operation (➡P.55).
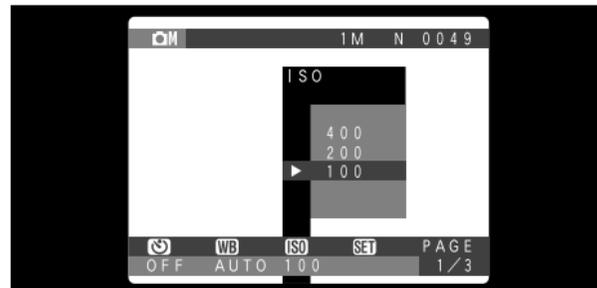
This mode can be selected in the "◻M" photography mode.

Use this setting when you want to take bright pictures indoors without using a flash or when you want to use a fast shutter speed (to prevent camera shake, etc.).

●**Settings:** 100 (standard), 200, 400
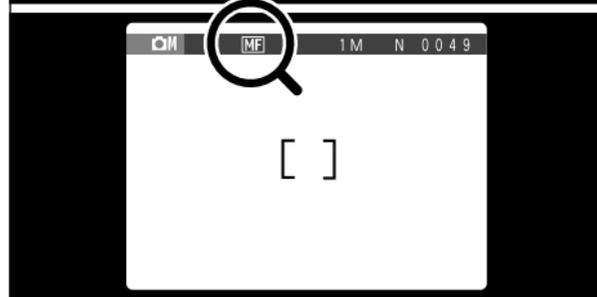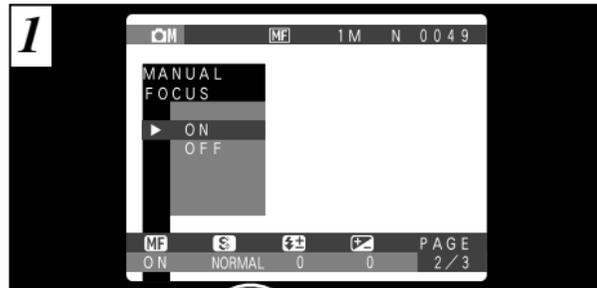
This function can be selected in the "⏱ · ◻M" and "◻ᵢ" photography modes. When the camera cannot focus in AF mode, use this mode to set the focus and take the picture.

When you select this mode, the "MF" icon appears on the LCD monitor.

3

```
2
```

Wide-angle   Telephoto
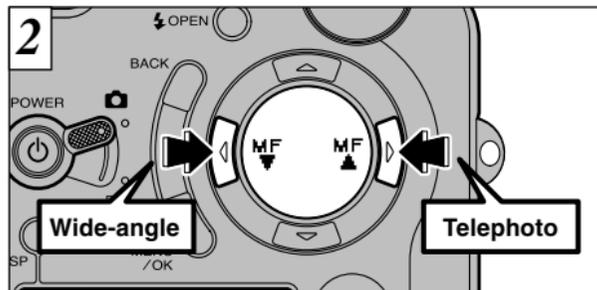
Press "◄" (MF▼) to focus on a nearby subject and "►" (MF▲) to focus on a distant object. Use the LCD monitor to check the focus.

Because the macro and flash settings cannot be changed once manual focus is set to "ON", set the macro (➡P.56) and flash (➡P.52) settings beforehand.

66

```
         ̄OM              1M  N  0049
      SHARPNESS

          HARD
      ►   NORMAL
          SOFT

   MF    S    ⚡±   ⚡±   P A G E
   OFF  NORMAL  0    0    2/3
```
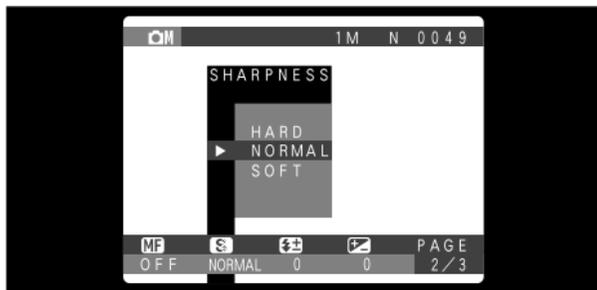
This mode can be selected in the " ̄OM " photography mode.
Use this setting to soften or emphasize outlines or to adjust the image quality.

● **Three levels of sharpness are available**
HARD : Emphasizes the outlines.
Best for shots of subjects such as buildings or text where you want sharp images.
NORMAL : Best for ordinary photography.
Provides edge sharpness that is ideal for ordinary shots.
SOFT : Softens the outlines.
Best for shots of subjects such as people, where a softer image is desirable.

```
         ̄OM              1M  N  0049
         FLASH

            +0.6
            +0.3
      ►      0
            −0.3
            ▼
   MF    S    ⚡±   ⚡±   P A G E
   OFF  NORMAL  0    0    2/3
```
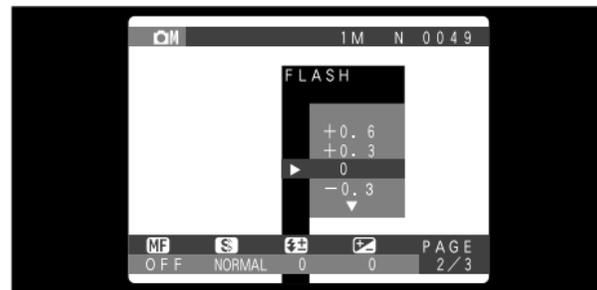
This mode can be selected in the " ̄OM " photography mode.
Use this setting when you cannot obtain the correct brightness, such as when the flash does not reach the subject (is too faint) or when you are using the flash for a close-up shot.

● **Correction range:** 5 steps
(−0.6 EV to +0.6 EV in 0.3 EV increments)
See P.126 for more information on EV.

```
         ̄OM              1M  N  0049
            EV
            ▲
            +0.6
            +0.3
      ►      0
            −0.3
            ▼
   MF    S    ⚡±   ⚡±   P A G E
   OFF  NORMAL  0    0    2/3
```
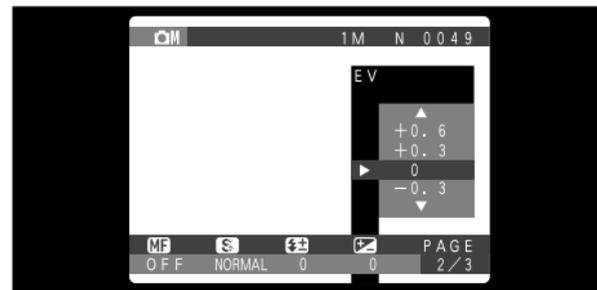
This mode can be selected in the " ̄OM " photography mode.
Use the Brightness setting to obtain the optimum image brightness (exposure) when the subject is much brighter or darker than the background.

● **Correction range:** 11 steps
(−1.5 EV to +1.5 EV in 0.3 EV increments).
See P.126 for a information on EV.

The Brightness setting is disabled in the following situations:
• When the flash is used in Auto or Red-Eye Reduction mode.
• When dark scenes are shot in Forced Flash mode.

67

3

EV (EXPOSURE COMPENSATION)

◆ **Subjects for Which Exposure Adjustment is Particularly Effective** ◆

Guide to using + (positive) compensation

● Copying of printed text (black characters on white paper) (+1.5 EV)
● Backlit portraits (+0.6 EV to +1.5 EV)
● Very bright scenes (such as snowfields) and highly reflective subjects (+0.9 EV)
● Shots made up predominantly of sky. (+0.9 EV)

Guide to using – (negative) compensation

● Spotlit subjects, particularly against dark backgrounds (–0.6 EV)
● Copying of printed text (white characters on black paper) (–0.6 EV)
● Scenes with low reflectivity, such as shots of pine trees or dark foliage (–0.6 EV)

⚠ Exposure compensation is disabled in the following situations :
• When the flash is used in Auto or Red-eye Reduction mode.
• When Forced Flash mode is used and the scene photographed is dark.
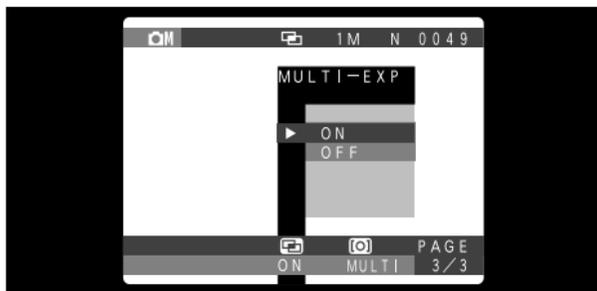
This mode can be selected in the "▣M" photography mode.
"MULTI-EXP (multi-exposure)" provides a way of overlaying photographed images on top of each other to give a final image that cannot be obtained through normal photography.

⚠ If the photographed image is overexposed, use negative compensation in the EV (exposure compensation) setting to correct the negative compensation.
⚠ Only the optical zoom can be used for multi-exposure shots. The digital zoom (➡P.57) does not function.

There is no limit on the number of times multi-exposure can be used.

---
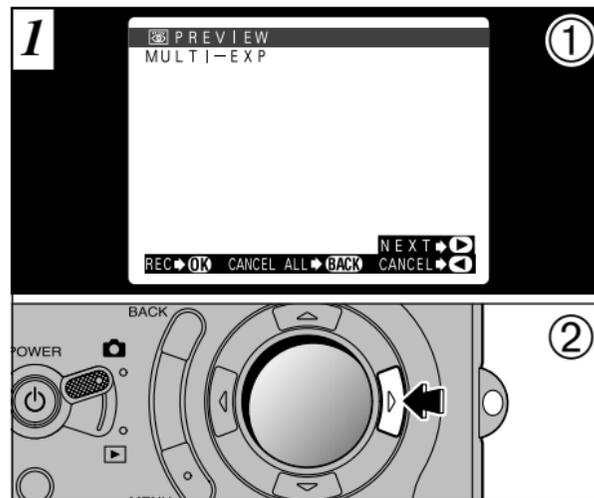
①A "▣PREVIEW" screen appears when you take a picture.
②Press "▶" to move to the next image frame.
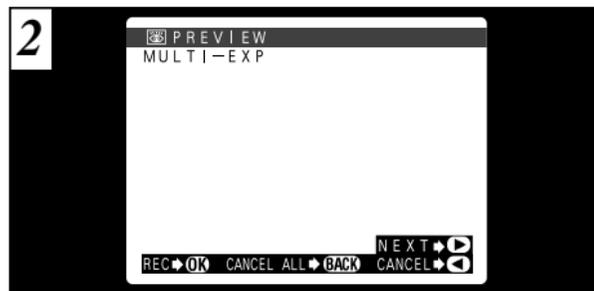
When you take the next (multi-exposure) shot, the images are overlaid and displayed in the preview screen.

● To overlay more images: Press "▶".
● To record the current image: Press "MENU/OK".
● To return to the previous image: Press "◀".
● To stop without recording any images:
　　　　　　　　　　　　　　Press "BACK".

⚠ A preview image is always shown, regardless of the photographed image display setting.

3

```
📷M                    1M  N  0049
                    PHOTOMETRY

                    AVERAGE
                    SPOT
                  ▶ MULTI

              📷        📷    PAGE
              OFF      MULTI   3/3
```
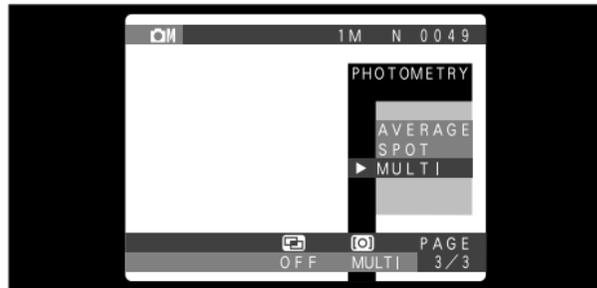
This mode can be selected in the "📷M" photography mode.

Use this mode for scenes where the brightness of the subject and background differ markedly so that the Multi setting is unlikely to achieve the desired result.

- AVERAGE: Light metering where an average value for the entire image is used.
- SPOT : Light metering where the exposure is optimized for the center of the image.
- MULTI : Light metering where the camera automatically assesses the scene and selects the optimum exposure.

⚠ The camera is fixed in Multi mode when 📷 • **AUTO** • **SP** or 🎬 is selected.

◆ **The light metering modes are effective for the following subjects** ◆

● **AVERAGE**

The advantage of this mode is that the exposure tends not to change for different compositions or subjects. This mode is particularly effective for shots of people wearing black or white clothing and shots of scenery.

● **SPOT**

This mode is useful for subjects with strongly contrasting light and dark areas where you want to achieve the correct exposure for a particular feature.

● **MULTI**

In this mode, the camera uses automatic scene recognition to analyze the subject and provide optimum exposure in a wide range of shooting conditions. This mode should be used for everyday photography.

The Advanced Playback section introduces a range of playback functions that you can access by setting the Mode switch to "▶".

■ **Playback mode menu**

File to be Played Back	Still Images	Movies	Audio
Available playback menu settings	🗑 ERASE (P.78) 📁 PLAYBACK (P.80) 🔒 PROTECT (P.81) 📄 DPOF (P.85) ⚙ OPTION (P.92)	🗑 ERASE (P.78) 📁 PLAYBACK (P.80) 🔒 PROTECT (P.81) — ⚙ OPTION (P.92)	🗑 ERASE (P.78) — 🔒 PROTECT (P.81) — ⚙ OPTION (P.92)

DC IN 5V socket
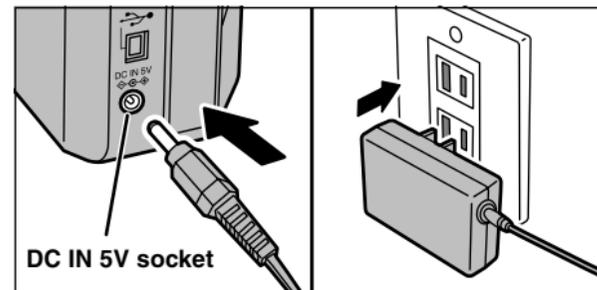
If you are close to a power outlet, you should use the AC Power Adapter AC-5V/AC-5VH (provided as an accessory or sold separately) to avoid any loss of power during still image or movie playback (➡P.19).

4

MOVIE (VIDEO)

1
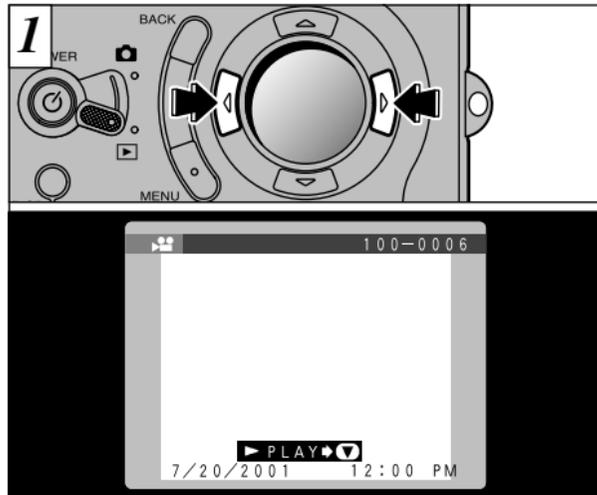
Use "◀" or "▶" to select the movie file.

❗ Movies cannot be played back using multi-frame playback. Use the "DISP" button to revert to normal playback.

Movies are displayed somewhat smaller than still images.

2
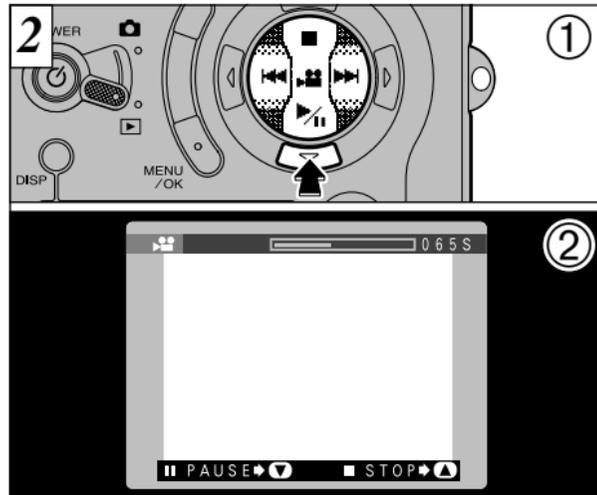
①Press "▼" to play the movie.
②The LCD monitor shows the playback time and a playback progress bar.

❗ Take care not to block the speaker.
❗ If the sound is difficult to hear, adjust the volume (➡P.93, 95).
❗ If the subject of the movie is very bright, white streaks may appear on the image during playback. This is normal and is not a fault.

■ Playing Back Movies

	Control	Description
Playback		The movie automatically stops when playback ends.
Pause/Resume		Pauses the movie during playback. Press this button again to resume playback.
Stop		Stops playback.
Fast forward/Rewind	Forward ▶◯◀ Rewind	Press these during playback to skip forwards or backwards through the movie.
Skip playback	▶◯◀ When paused	• Each time you press "◀" or "▶" when the movie is paused, the movie advances or goes back one frame. • Hold down the button to move through the frames quickly.

✽ See P.102 for information on playing back movies on your PC.

◆ **Compatible Movie Files** ◆

The FinePix6800 ZOOM can play back movie files shot on an FinePix6800 ZOOM and movie files recorded on a 3.3V SmartMedia using a FUJIFILM digital camera. However, if you record a movie on the FinePix6800 ZOOM that is longer than 80 seconds and then attempt to play back the movie on a FinePix4700ZOOM/40i, the "⚠ READ ERROR" message appears and playback fails.

4

PLAYING BACK AUDIO RECORDINGS

1


```
AUDIO RECORDING   100-0007




► PLAYBACK ➜ ▼
7/20/2001        12:00 PM
```
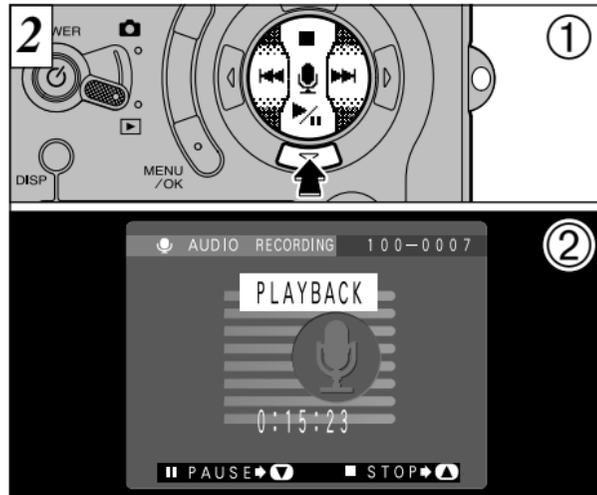
Use "◄" or "►" to select a voice file.

⚠ You cannot play back audio recordings using multi-frame playback. Use the "DISP" button to revert to normal playback.

74 | The microphone icon is displayed.

2

① ②

```
AUDIO RECORDING   100-0007
          PLAYBACK



          0:15:23
Ⅱ PAUSE ➜ ▼     ■ STOP ➜ ▲
```

①Press "▼" to play the audio recording.
②The LCD monitor shows the playback time.

⚠ Take care not to block the speaker.
⚠ If the sound is difficult to hear, adjust the volume.
(➜ P.93, 95)

■ Playing Back Audio Recordings

	Control	Description
Playback		The audio recording automatically stops when playback ends.
Pause/Resume		Pauses the movie during playback. Press this button again to resume playback.
Stop		Stops playback.
Fast forward/Rewind	Forward ▶ ◀ Rewind	• Press these during playback to skip forwards or backwards through the audio recording. • Hold down the button to advance or rewind quickly.
Audio skip	When paused	Each time you press "◄" or "►" when the recording is paused, playback skips backwards or forwards. ✳ A progress bar is displayed as a rough guide to the playback position.

✳ See P.102 for information on playing back audio recordings on your PC.

4

PLAYING BACK VOICE MEMOS
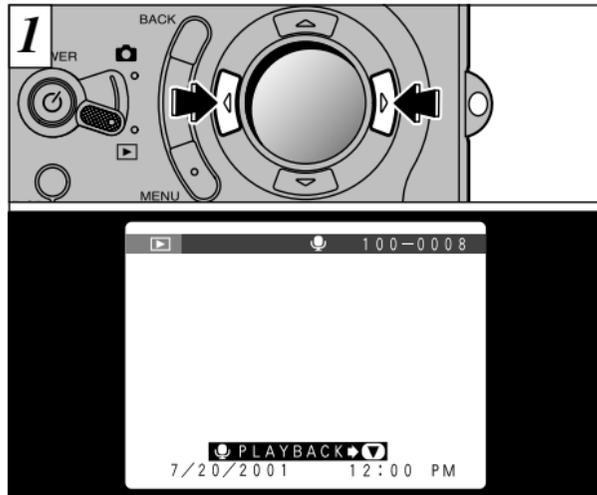
Use "◀" or "▶" to select an image file that has a voice memo.

🔊 You cannot play back voice memos using multi-frame playback. Use the "DISP" button to revert to normal playback.

76 (The "🎤" icon is displayed.)
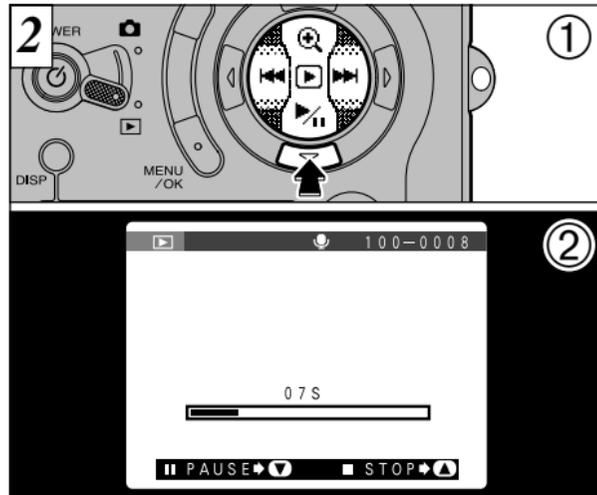
①Press "▼" to play the voice memo.
②The LCD monitor shows the playback time and a playback progress bar.

🔊 Take care not to block the speaker.
🔊 If the sound is difficult to hear, adjust the volume (➡P.93, 95).

■ Playing Back Voice Memos

	Control	Description
Playback		The voice memo automatically stops when playback ends.
Pause/Resume		Pauses the movie during playback. Press this button again to resume playback.
Stop		Stops playback.
Fast forward/Rewind	Forward ◀ Rewind	Press these during playback to skip forwards or backwards through the voice memo.

✻ You cannot use skip playback for voice captions.
✻ See P.102 for information on playing back voice captions on your PC.

◆ Compatible Voice Memo Files ◆

The FinePix6800 ZOOM can play back voice memo files recorded on an FinePix6800 ZOOM and voice memo files up to 30 seconds long recorded on a 3.3V SmartMedia using a FUJIFILM digital camera.

77

4

FRAME

Erases only the selected file.

⚠ Protected files (➡P.81, 83) are not erased.

ALL FRAMES

Erases all unprotected files.

FORMAT

Erases all the data and reformats (initializes) the SmartMedia for use with this camera.

⚠ Formatting also erases protected files.

⚠ If "🗲 CARD ERROR", "🗲 CARD NOT INITIALIZED", "🗲 READ ERROR" or "🗲 WRITE ERROR" is displayed, first wipe the contact surface on the SmartMedia (gold-colored area) thoroughly with a soft, dry cloth and then reload the SmartMedia. If this does not resolve the problem, format the card.

1
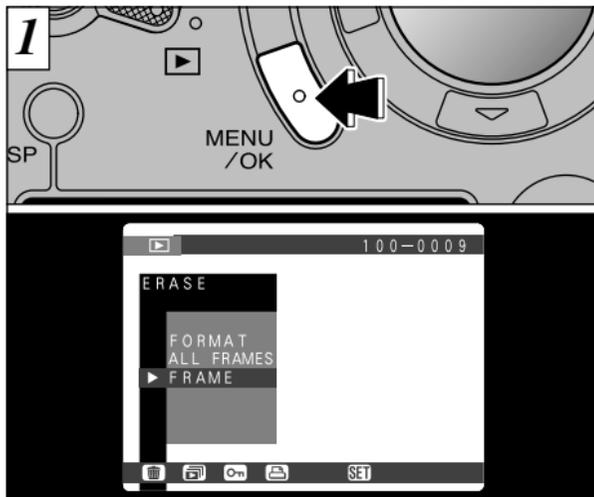
If you press the "MENU/OK" button, the menu screen will appear on the LCD monitor.

⚠ Press the "BACK" button to exit the menu.

2
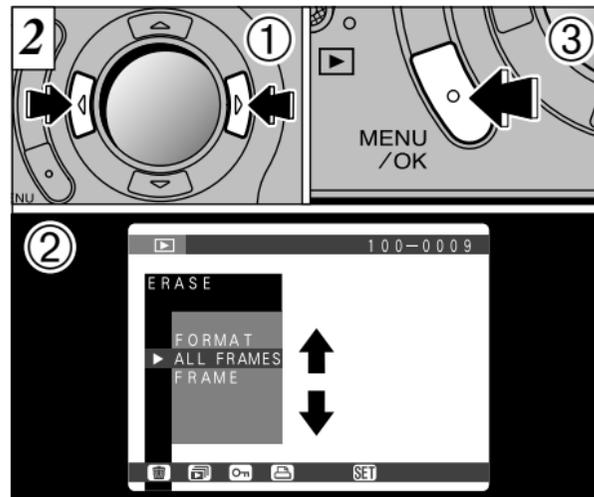
①Use "◀" or "▶" to select "🗑ERASE".
②Use "▲" and "▼" to select "FRAME", "ALL FRAMES" or "FORMAT".
③Press the "MENU/OK" button.

Formatting erases all the data on the SmartMedia, including protected files.

3
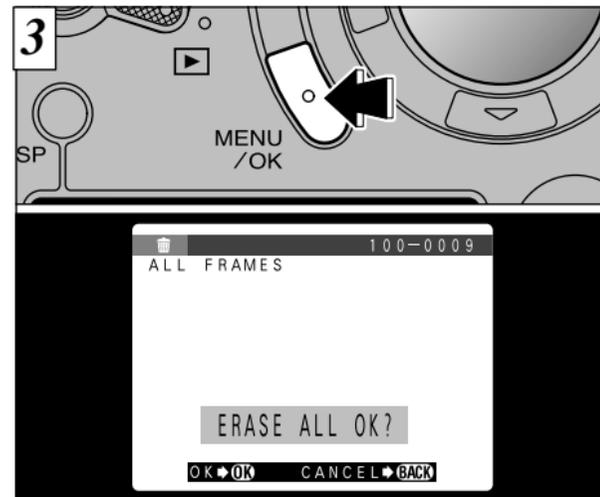
A confirmation message appears. To erase all the frames or format the SmartMedia, press the "MENU/OK" button.
In the frame erase screen, use "◀" or "▶" to select a file and then press the "MENU/OK" button.

⚠ To cancel the frame erase procedure, press the "BACK" button.
⚠ If the "DPOF SPECIFIED. ERASE ALL OK?" message is displayed, DPOF is specified. When you press the "MENU/OK" button, the image is erased.

78   79   **4**

1

```
           ▶️           100−0009
ERASE

      FORMAT
      ALL FRAMES
 ▶ FRAME

 🗑 🖸 🔒 🖶      SET
```

Press the "MENU/OK" button to display the menu on the monitor.

⚠️ The Auto Power Off function does not operate during playback.

⚠️ Playback for movies and voice captions starts automatically. When playback ends, the camera advances to the next frame. Audio recordings are not played back.

2

①②

```
           ▶️           100−0009
PLAYBACK

 ▶ EXECUTE

 🗑 🖸 🔒 🖶      SET
```

①Use "◀" or "▶" to select "▶️PLAYBACK".
②Press the "MENU/OK" button. The image frames are automatically advanced and played back.

⚠️ If you press the "DISP" button once during playback, the playback frame number is displayed on the monitor.

⚠️ To interrupt "▶️PLAYBACK", press the "BACK" button.

80

1

```
           ▶️           100−0009
ERASE

      FORMAT
      ALL FRAMES
 ▶ FRAME

 🗑 🖸 🔒 🖶      SET
```

Press the "MENU/OK" button to display the menu on the monitor.

⚠️ Multi-frame playback is an easy way to select images to be protected (➡P.38).

Protection can be set for an image to prevent it from being inadvertently erased. However, note that formatting erases all images (➡ P.78).

2

①③

②

```
           ▶️           100−0009
PROTECT

      UNPROTECT
      ALL
      PROTECT
      ALL
 ▶ FRAME SET
      /RESET

 🗑 🖸 🔒 🖶      SET
```

①Use "◀" or "▶" to select "🔒PROTECT".
②Use "▲" or "▼" to select "FRAME SET/RESET".
③Press the "MENU/OK" button.

4

81

3

4

Use "◀" or "▶" to select the image to be protected.

Press the "MENU/OK" button to protect the file.
The "⊶" icon appears on the LCD monitor.
To remove the protection, press the "MENU/OK" button again.

⚠ If you do not want to protect any images, press the "BACK" button to return to the menu. To exit the menu screen, press the "BACK" button again.

To protect another image, repeat the procedure from step *3*.

82

1

2
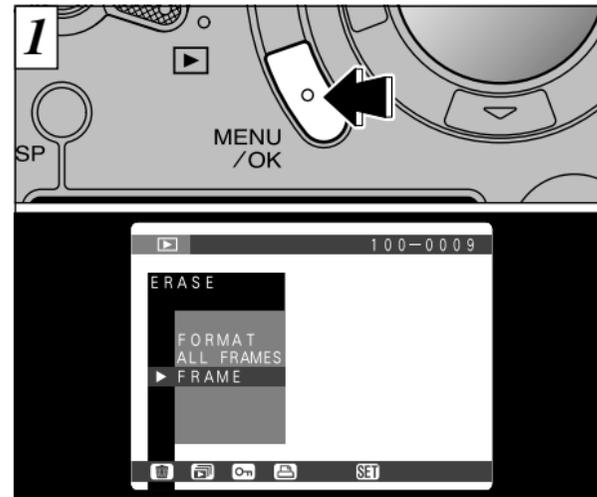
Press the "MENU/OK" button to display the menu on the LCD monitor.

①Use "◀" or "▶" to select "⊶PROTECT".
②Use "▲" or "▼" to select "PROTECT ALL" or "UNPROTECT ALL".
③Press the "MENU/OK" button.

4

Note that formatting erases all images, including protected images (➡P.78).

83

3

⊙⊓   100−0009
PROTECT ALL

PROTECT ALL OK?

OK➡**OK**   CANCEL➡**BACK**

A confirmation screen will appear to proceed, press the "MENU/OK" button.

⚠ If you do not want to protect any images, press the "BACK" button to return to the menu. To exit the menu screen, press the "BACK" button again.

84

DPOF™

With the FinePix6800 ZOOM, you can order prints using the Digital Print Order Format (DPOF).
You can use the DPOF to specify the following :
● The frames to be printed and the number of prints for each frame
● Imprinting of the date and time

This section gives a detailed description of how to order your prints with the FinePix6800 ZOOM.

✽ Note that some printers do not support date and time imprinting or specification of the number of prints.
✽ Note that the warnings shown below may be displayed while you are specifying the prints.

DPOF SPECIFIED. ERASE OK? (➡P.118)

When you erase the image, the DPOF setting for that image is deleted at the same time.

❗ RESET UNMATCHED DPOF OK? (➡P.119)

If you load a SmartMedia that contains frames specified for printing on another camera, those print specifications are all reset and replaced by the new print specifications.

❗ DPOF FILE ERROR (➡P.119)

No more than 1000 frames can be specified on the same SmartMedia.

4

85
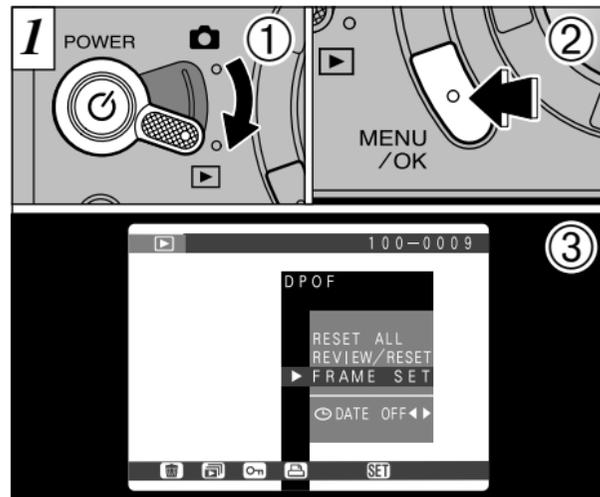
This function allows you to select whether or not the date of shooting is included on the print.
①Set the Mode switch to "▶".
②Press the "MENU/OK" button to display the menu on the monitor.
③Press "▶" to select "🖨DPOF".

①Use "▼" to select "⊙DATE".
②Use "◀" or "▶" to specify "DATE ON" or "DATE OFF". The setting is then effective until it is changed or until the camera is switched off.

⚠ DPOF settings cannot be specified for movies or audio recordings.

⚠ Before specifying any other settings, first specify whether date is to be shown or not.

86
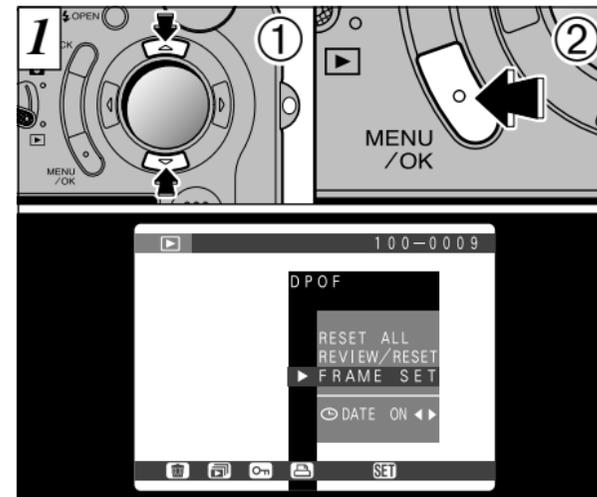
①Use the "▲" or "▼" to select "FRAME".
②Press the "MENU/OK" button.

①Use "◀" or "▶" to display the frame to be specified.
②Use "▲" or "▼" to specify the number of prints. The "🖨" icon and the number of prints is displayed for the frames for which settings have been confirmed. If the date has been set, the "⊙" icon is also displayed.
⚠ Using "◀" or "▶" to move forwards or backwards a frame automatically confirms the setting.

⚠ Before specifying "FRAME SET", always specify whether the date is set.

To continue using "FRAME SET", repeat steps ① and ②.

4

87

3

FRAME SET
   TOTAL/00003 SHEETS

4

BACK

POWER

FRAME SET
   TOTAL/00000 SHEETS
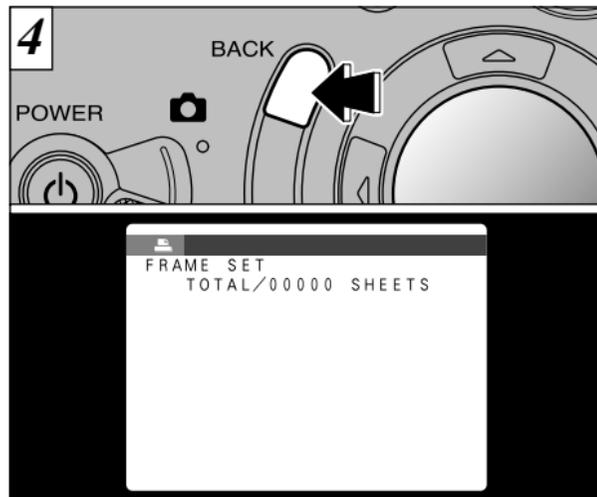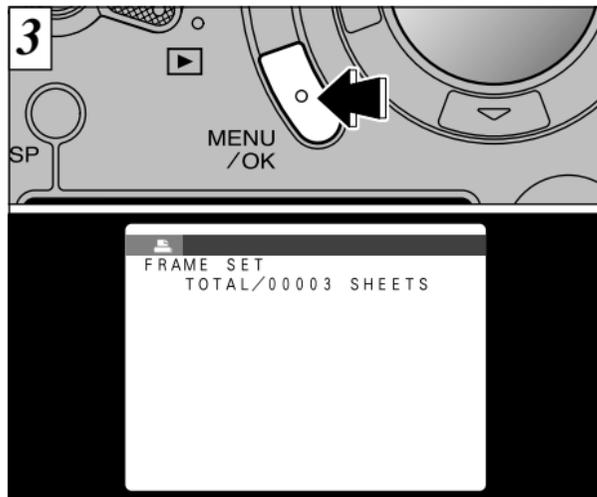
<To Apply the Settings>
When you have finished specifying the DPOF settings, always press the "MENU/OK" button to confirm the settings. The total number of prints appears on the LCD monitor and the menu screen reappears.

⚠ You can specify up to 99 prints for each frame. Also, the maximum number of frames that can be specified for printing on the same SmartMedia is 999.

⚠ "TOTAL" shows the total number of prints specified.

<To Cancel the Settings>
Pressing the "BACK" only cancels the setting for the currently selected frame. You cannot cancel settings for frames other than the currently selected frame.

88

1

OPEN

MENU
/OK

①

②

MENU
/OK

🖨 3 🕐   100−0009

DPOF

RESET ALL
► REVIEW/RESET
FRAME SET

🕐 DATE OFF ◄ ►

SET

2

BACK

VER

MENU

🖨 3 🕐   100−0009
REVIEW/RESET
   TOTAL/00003 SHEETS

RESET OK?

OK ➡ OK   NO ➡ BACK   FRAME ➡ ◄ ►
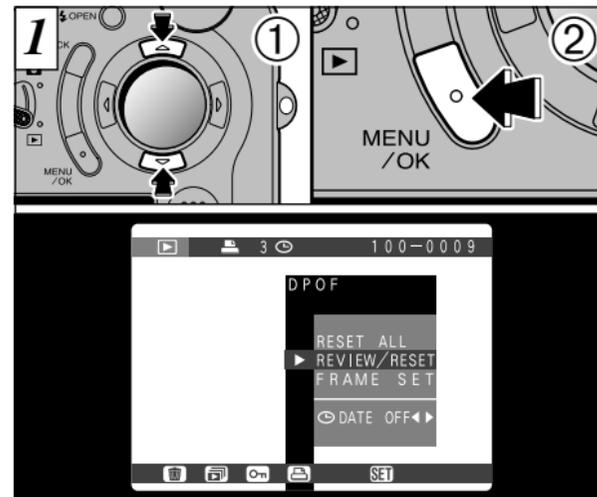
① Use "▲" or "▼" to select "REVIEW/RESET".
② Press the "MENU/OK" button.
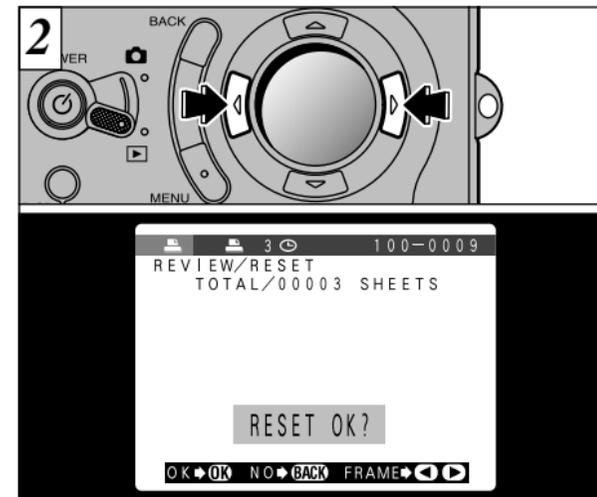
Pressing "◄" or "►" plays back only the frames for which the number of prints has been specified, allowing you to check the settings for each frame.

⚠ Multi-frame playback is an easy way to select images (➡ P.38).

⚠ If you do not want to check or delete the DPOF settings, press the "BACK" button to return to the menu. To exit the menu screen, press the "BACK" button again.

4

89

DPOF REVIEW/RESET

DPOF RESET ALL

3
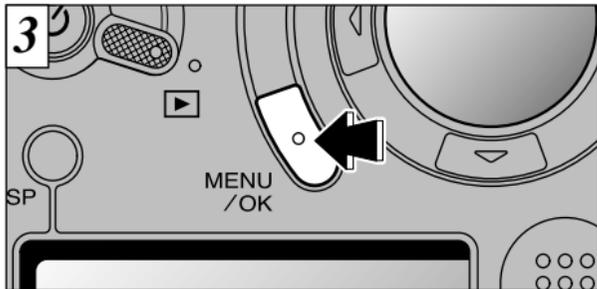
To delete the print setting, display the image for which the setting is to be deleted and then press the "MENU/OK" button. When the print setting has been deleted, the next image appears with the "RESET OK?" message displayed.

⚠️ If all the print settings are cancelled, the "TOTAL" reverts to "00000" and the LCD monitor screen background turns blue.

⚠️ If you do not want to check or delete the DPOF settings, press the "BACK" button to return to the menu. To exit the menu screen, press the "BACK" button again.

To delete further print settings, repeat the procedure from step *2*.

1 ① ②

DPOF

▶ RESET ALL
REVIEW/RESET
FRAME SET

🕐 DATE OFF ◀ ▶

SET
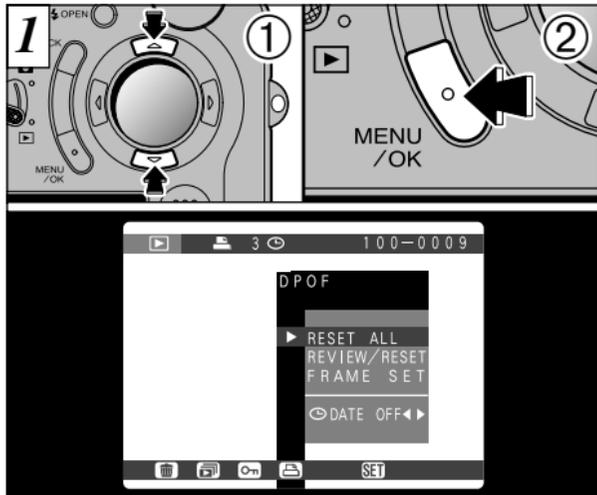
①Use "▲" or "▼" to select "SET ALL/RESET ALL".
②Press the "MENU/OK" button.

⚠️ The DPOF menu is not displayed during movie or audio recording playback.

2

RESET ALL
TOTAL/00003 SHEETS

RESET OK?

OK ➡ OK   NO ➡ BACK
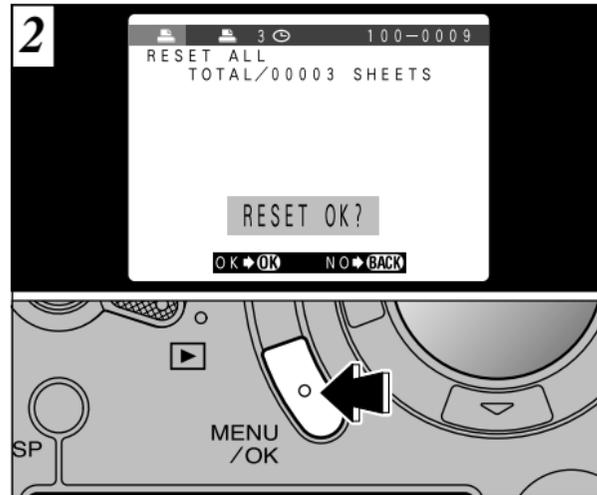
A confirmation screen will appear. Press the "MENU/OK" button.

3

RESET ALL
TOTAL/00000 SHEETS
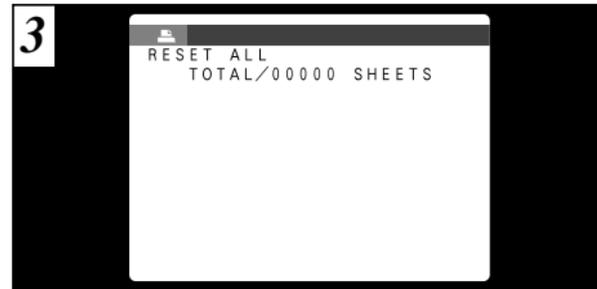
A confirmation screen appears. To proceed, press the "MENU/OK" button.

4

The "Settings" chapter looks at functions available from "▒▒OPTION" in the photography and playback menus.

■ List of Settings

When Shooting Still Images	When Shooting Movies/Recording Audio	During Playback
FILE SIZE/QUALITY (P.94) SET–UP LCD BRIGHTNESS (P.95)	SET–UP LCD BRIGHTNESS (P.95)	SET–UP VOLUME (P.95) LCD BRIGHTNESS (P.95)

■ SET–UP Menu Options

Settings	Display	Factory default	Explanation
IMAGE DISPLAY	OFF/POSTVIEW/PREVIEW	OFF	See P.96 for details.
AUTO POWER SAVE	2MIN/5MIN/OFF	2MIN	See P.98 and P.126 for details.
USB MODE	DSC/PC CAM	DSC	See P.101 for details.
STARTUP SCREEN	ON/OFF	OFF	Allows you to specify whether the stored startup screen appears on the LCD monitor when you switch the camera on.
SET STARTUP SCREEN	SET ▶	—	See P.99 for details.
DATE/TIME	SET ▶	—	See P.23 for details.
FRAME NO.	RENEW/CONT.	CONT.	See P.100 for details.
BEEP	HIGH/LOW/OFF	HIGH	Sets the volume of the beep that sounds when the camera controls are used.
LANGUAGE	ENGLISH/FRANCAIS	ENGLISH	Select English or French as the language used for screen display.
RESET ALL	OK ▶	—	Resets all the camera settings (including the photography and playback menu settings) other than the date/time, startup screen and camera customization settings to the factory default values.

92

USING THE OPTION MENU
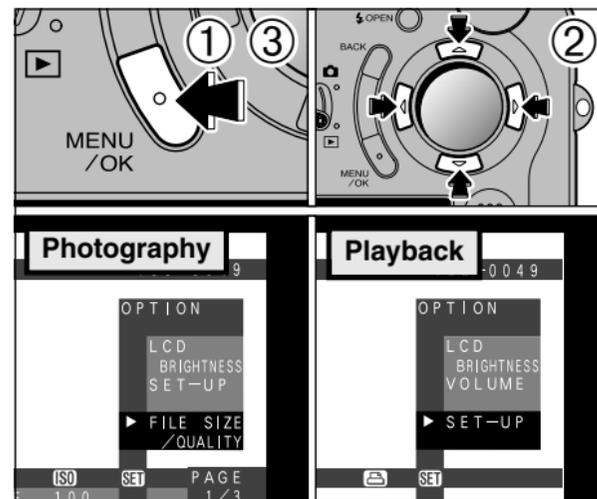
① Press the "MENU/OK" button to display the menu screen.
② Use "◀", "▶" to select " ▒▒ " and "▲" or "▼" to select the desired setting.
③ Press the "MENU/OK" button to move to the selected setting.

Using SET–UP
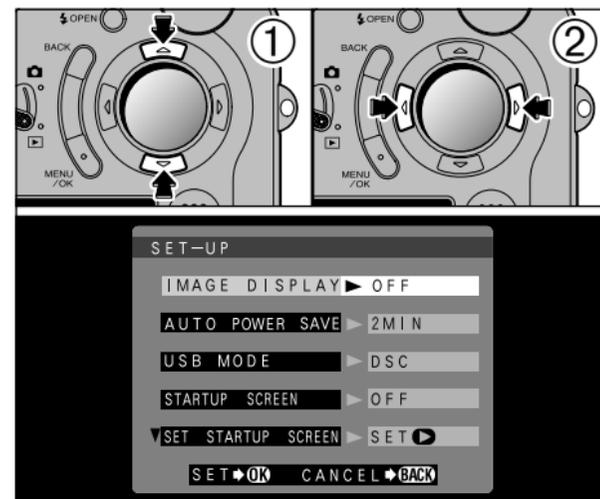
If you selected "SET–UP", the "SET–UP" screen appears.
① Use "▲" or "▼" to select the desired setting.
② Use "◀" or "▶" to change the setting.
Press the "MENU/OK" button to exit set-up.

⚠ Press "▶" for "SET STARTUP SCREEN", "DATE/TIME" or "RESET ALL".

5

93

⚙◆ SETTING THE FILE SIZE AND QUALITY (COMPRESSION RATIO)

You can select any combination of 3 file size settings and 4 quality (compression ratio) settings according to the type of shot you want to take.

To produce high-quality prints

Use the largest possible image size and a low compression rate (FINE or NORMAL). However, because this results in large file sizes for each frame, the number of available shots is reduced.

For use on the Internet

These images are intended to be viewed on a PC monitor, so you should use a small file size [640 × 480]. Because this reduces the amount of data in each frame, the remaining number of available frames is increased.

Quality (compression ratio)

For better image quality, select "FINE". For more images per SmartMedia card, select "BASIC". Normally, the "NORMAL" setting provides ample image quality.

⚠ There are 8 combinations of file size and quality settings in total (➡P.30).
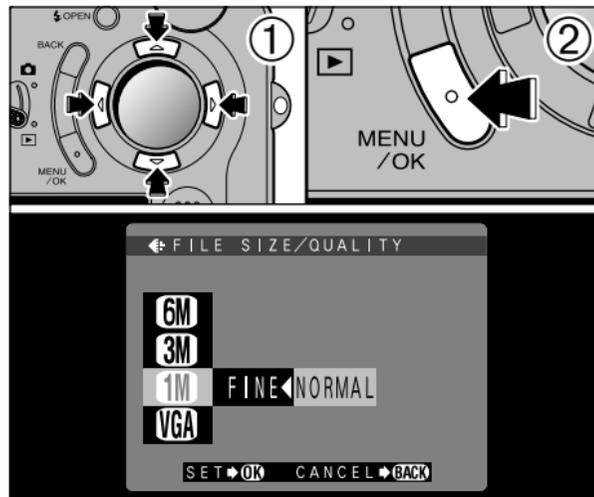
①Use "▲" or "▼" to change the file size setting and "◀" or "▶" to change the quality setting.
②Press the "MENU/OK" button to confirm the setting.

⚠ This setting can be selected in still photography mode.

■ Image Sizes

6M	2832 × 2128 pixel
3M	2048 × 1536 pixel
1M	1280 × 960 pixel
VGA	640 × 480 pixel

⚙ LCD MONITOR BRIGHTNESS/VOLUME

When you use the "LCD BRIGHTNESS" or "VOLUME" settings, an "adjustment bar" appears on the LCD monitor.

①Use "◀" or "▶" to adjust the LCD monitor brightness or speaker volume.
②Press the "MENU/OK" button to confirm the adjustment.

⚠ The volume can be set when the Mode dial is set to Playback.

⚠ To exit this procedure without changing the settings, press the "BACK" button.

5
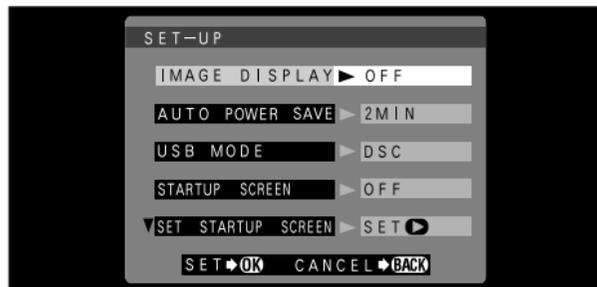
This setting allows you to specify whether the photographed image is displayed after you take a picture.

OFF : The photographed image is automatically recorded without being displayed.

POSTVIEW: The photographed image is displayed for about 2 seconds and is then automatically recorded.

PREVIEW : The photographed image is displayed and you can then select whether to record the image.
You can also select preview zoom and recorded images.
● Press "MENU/OK" to record the image.
● Press "BACK" to discard the image.

⚠ When continuous shooting, auto bracketing or multi-exposure shooting is selected, images are always previewed regardless of the setting.

Preview Zoom
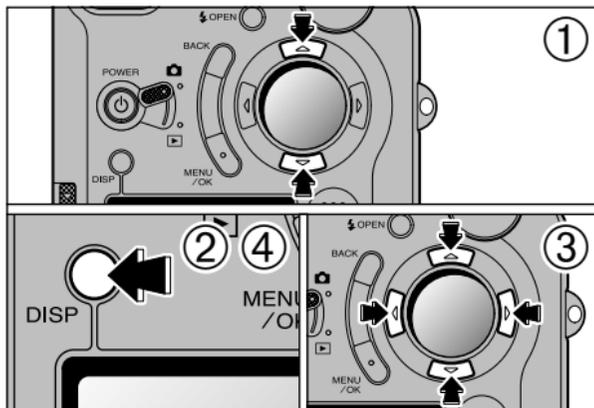
You can enlarge the preview to check the image details.

① Use "▲" or "▼" to zoom in or out.
② Press the "DISP" button.
③ Use "▲▼" and "◀▶" to zoom in on different parts of the image.
④ Press the "DISP" button again to revert to zoomed display.

⚠ Trimming in the preview image is not saved.
⚠ The operation procedure is the same as for playback zoom (➡P.36).

Selecting Recorded Images
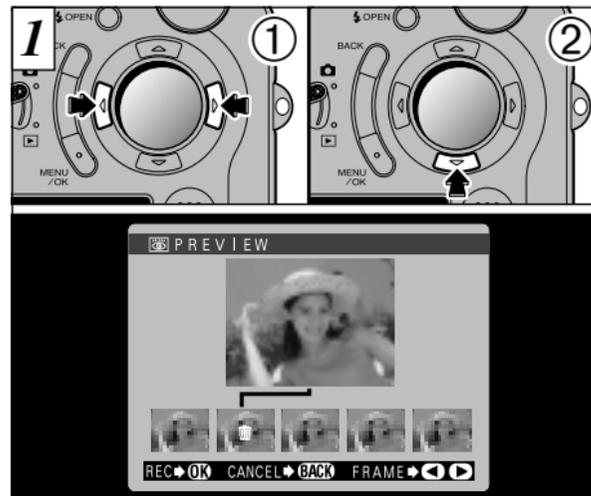
This function allows you to select and record images in the "🔲 Continuous Shooting" and "🔲 Auto Bracketing" modes.

① Use "◀" and "▶" to select the images you do not want to record.
② Press "▼" to add or remove the "🗑" Mark.

⚠ Preview zoom cannot be used with continuous shooting or auto bracketing.
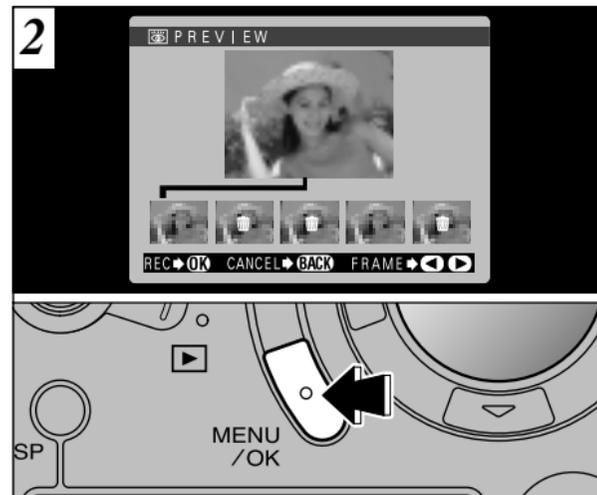
Place an "🗑" mark under all the images you do not want to record and then press the "MENU/OK" button to record the remaining images.

5

SET-UP
IMAGE DISPLAY ▶ OFF
AUTO POWER SAVE ▶ 2MIN
USB MODE ▶ DSC
STARTUP SCREEN ▶ OFF
SET STARTUP SCREEN ▶ SET ▶
SET ▶ OK   CANCEL ▶ BACK
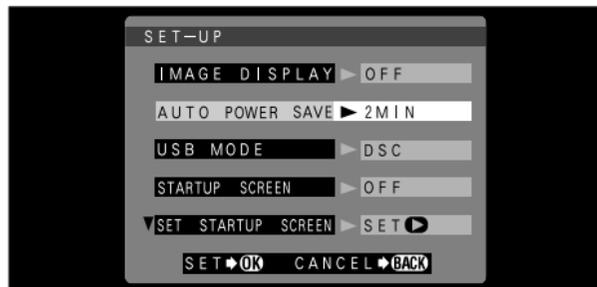
Once you enable this function, the monitor is temporarily switched off to reduce power consumption (Sleep mode) if the camera is not used for about 30 seconds. If the camera is then left unused for a further time (2 or 5 minutes), it is automatically switched off. Use this function when you want to get the maximum possible running time from the battery.

⚠ When the camera is in Sleep mode, "FinePix" is displayed on the display panel.
⚠ Auto Power Save is disabled during automatic playback and when a USB connection is being used.

The Sleep function does not operate when the LCD monitor is switched off or when the camera is in Setup or Playback mode. However, if the camera controls are not used for some time (2 minutes or 5 minutes), the camera automatically switches off.
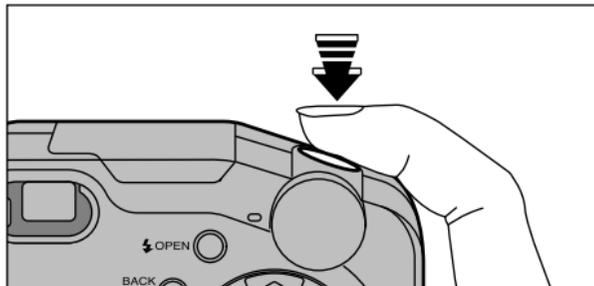
When the camera is in sleep mode, pressing the shutter button down halfway brings the camera back to full operational mode. This is a useful feature as it allows you to take pictures more quickly than switching the camera off and then on again.

⚠ Operation can also be restored by pressing buttons other than the shutter button.

98

1

🏞SET STARTUP SCREEN ①
NOT SET
SET ▶ OK
CANCEL ▶ BACK
FRAME ▶ ◀ ▶
②   ③
MENU/OK
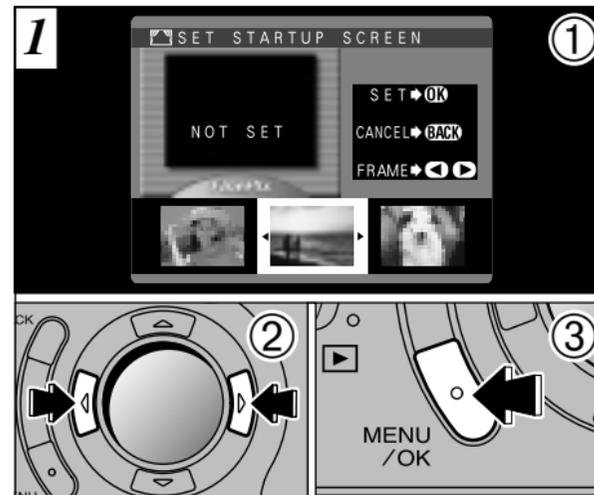
When you switch the camera on, the startup screen set here appears on the LCD monitor.
①When you select "SET STARTUP SCREEN", the stored screens are displayed.
②Use "◀" or "▶" to select the image to be set.
③Press the "MENU/OK" button to set the image.

⚠ Because the startup screen is displayed in a frame, part of the image is obscured by the frame.

2

🏞SET STARTUP SCREEN ①
SET OK?
SET ▶ OK
CANCEL ▶ BACK
②
MENU/OK
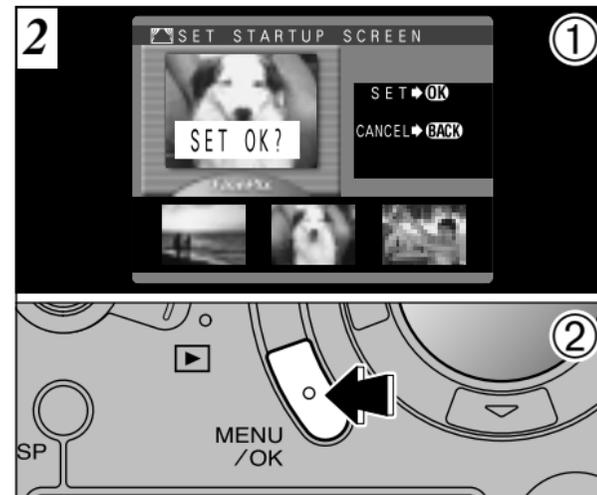
①The setting confirmation screen appears.
②Press the "MENU/OK" button.

5

Set the "SET STARTUP SCREEN" setting in the SET-UP menu to "ON" (➡P.92).

99

<RENEW> <CONT.>

A
0001   0001
⋮
0005   0005

B
0001   0006
⋮
0005   0010

∗Formatted SmartMedia used for both A and B.

Setting this function to "CONT." makes file management easier as it ensures that file names are not duplicated when images are downloaded to a PC.

RENEW: Pictures are stored on each SmartMedia beginning with a file number "0001".

CONT. : Pictures are stored beginning from the highest file number stored on the last SmartMedia used.

⚠️ If the SmartMedia already contains image files with file numbers higher than the highest file number on the last SmartMedia, images are stored beginning from the highest file number on the current SmartMedia.

▶️   100−0009

Directory number
File number
Frame number

7/20/2001   12:00 PM
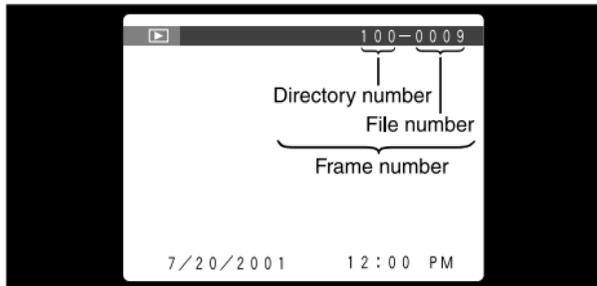
You can check the file number by viewing the image. The last 4 digits of the 7-digit numbers in the top right corner of the screen are the file numbers, while the first 3 digits show the directory number.

⚠️ When you change the SmartMedia, always switch the camera off before you open the SmartMedia slot cover. If you open the slot cover without switching the camera off, the frame number memory will not function.

⚠️ File numbers run from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999–9999.

⚠️ If you switch the Frame NO. Memory function RENEW, the highest file number stored by the function is reset.

⚠️ The displayed frame number may differ for images photographed on other cameras.

⚠️ Using "RESET ALL" resets the "last file No." setting.

PC Connection describes how to set up a USB connection and provides an overview of the functions available using a USB connection. Refer to the Software Quick Start Guide booklet for details.

DSC Mode

This mode provides a simple way to read images from a SmartMedia and store images on a SmartMedia. (➡P.102).

PC-CAM (camera) Mode

Videoconferencing sessions can be conducted between PCs connected to the Internet. This function can also be used to record video on a PC (➡P.104).

⚠️ Videoconferencing is not supported on Macintosh computers.

Camera Customization

The following functions can be accessed by downloading and using the special software (➡P.107).

● Setting your favorite image on the PC as the startup screen.
● Adding Auto Play display methods
● Appending copyright information to the Exif information for photographed images

Refer to the Software Quick Start Guide booklet for information on installing the software.

① Digital (USB) socket   ②

DC IN 5V socket
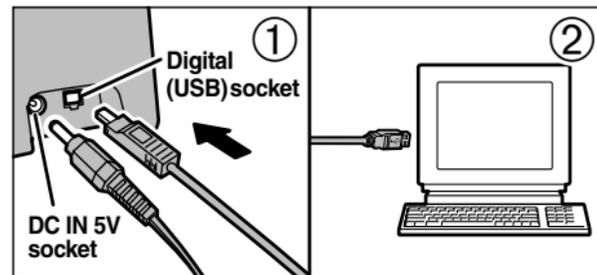
① Connect the AC-5V/AC-5VH AC Power Adapter and the special USB cable to the cradle.
② Connect the special USB cable to the USB port on your PC.

6

⚠️ Ensure that you insert the USB cable plugs into the correct sockets.

CONNECTING AT DSC MODE

1

SET–UP

IMAGE DISPLAY	▶ OFF
AUTO POWER SAVE	▶ 2MIN
USB MODE	▶ DSC
STARTUP SCREEN	▶ OFF
▼SET STARTUP SCREEN	▶ SET ▣

SET▶▣ CANCEL▶▣
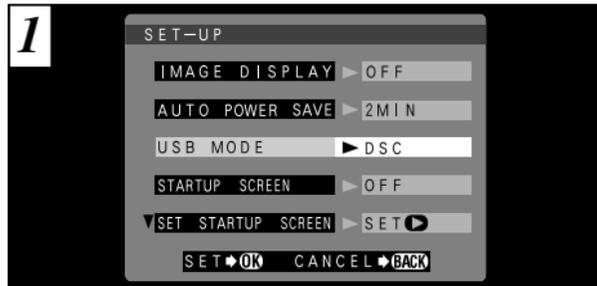
Set the "USB MODE" setting in the "SET–UP" menu to "DSC". (➡P.92, 93)

⚠ Check that the AC power adapter and the special USB cable are connected to the cradle.

Install the software by referring to the Software Quick Start Guide booklet for the installation procedure.

◆ **If You Do Not Use FinePixViewer** ◆
You need QuickTime 3.0 or later or DirectX 8.0 Runtime (for Windows). To play back audio, use the software provided with your operating system (Windows and Macintosh).

2
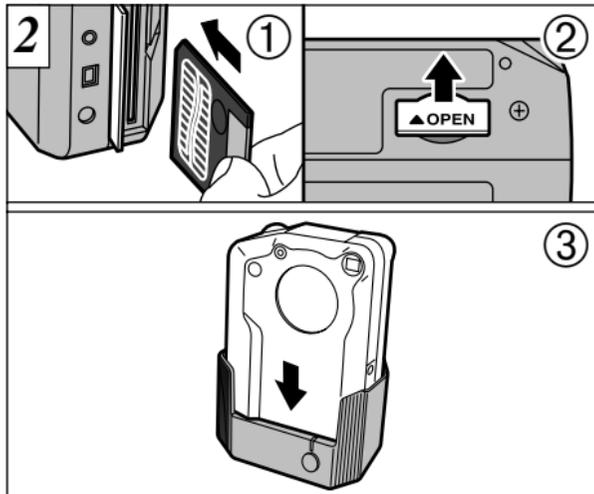
① Load a SmartMedia containing photographed images.
② Open the connection socket cover on the bottom of the camera.
③ Switch the camera off and place it in the cradle.

⚠ Push the camera firmly onto the cradle connector.

3
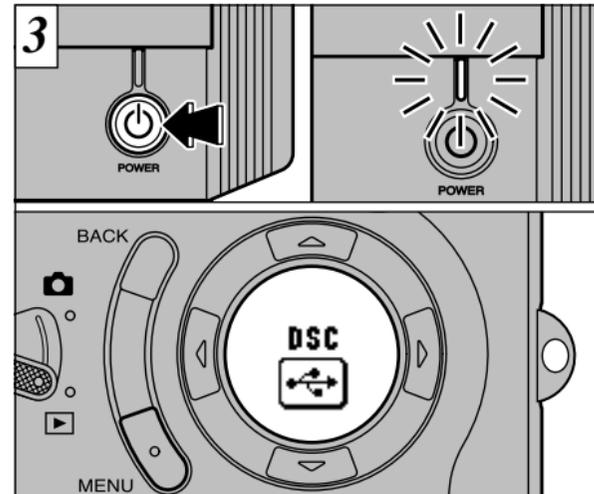
When you press the "⏻" (power) button on the cradle, the camera is connected to your PC as a removable disk drive and the power lamp on the cradle lights. "DSC" also appears on the display panel.

⚠ The Auto Power Save function does not operate when the camera is connected to a PC.

If Windows driver installation has started, refer to the Software Quick Start Guide booklet.

4
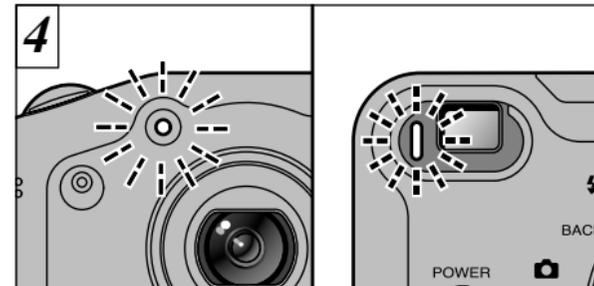
The self-timer lamp blinks and the viewfinder lamp alternately blinks green and orange while the camera is communicating with your PC. Do not disconnect the camera during communication.

⚠ See P.106 for information on removing the camera.

◆ **When the Cradle is Not Used** ◆
Connect the special USB cable to the DIGITAL (USB) socket on the camera and switch the camera on (➡P.8, 22).

⚠ The AC power adapter should be used when the camera is connected to a PC ➡P.19).

6

CONNECTING AT PC-CAMERA MODE

1

```
SET−UP
IMAGE DISPLAY ▶ OFF
AUTO POWER SAVE ▶ 2MIN
USB MODE      ▶ PC CAM
STARTUP SCREEN ▶ OFF
▼ SET STARTUP SCREEN ▶ SET ▶
       SET▶OK   CANCEL▶BACK
```
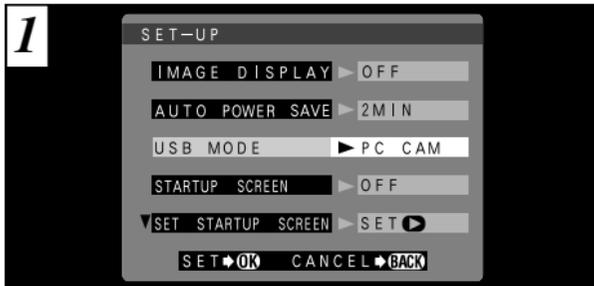
Set the "USB MODE" setting in the "SET–UP" menu to "PC CAM" (➡P.92, 93).

⚠ Check that the AC power adapter and the special USB cable are connected to the cradle.

Refer to the Software Quick Start Guide booklet for information on installing the software.

2 ①

②
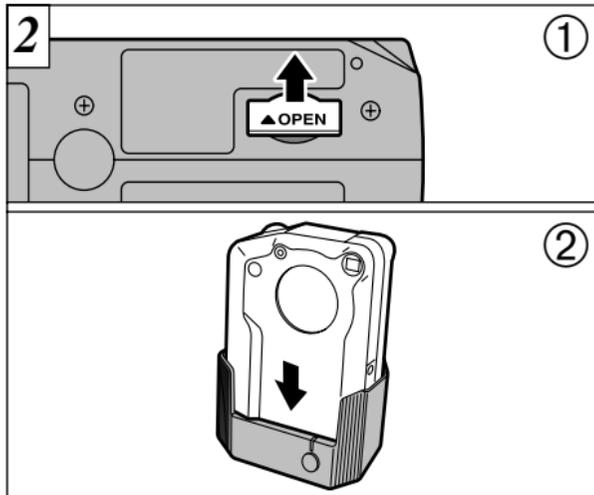
① Open the connection socket cover on the bottom of the camera.
② Switch the camera off and place it in the cradle.

⚠ Push the camera firmly onto the cradle connector.

3

POWER

POWER

BACK

PC CAMERA

MENU
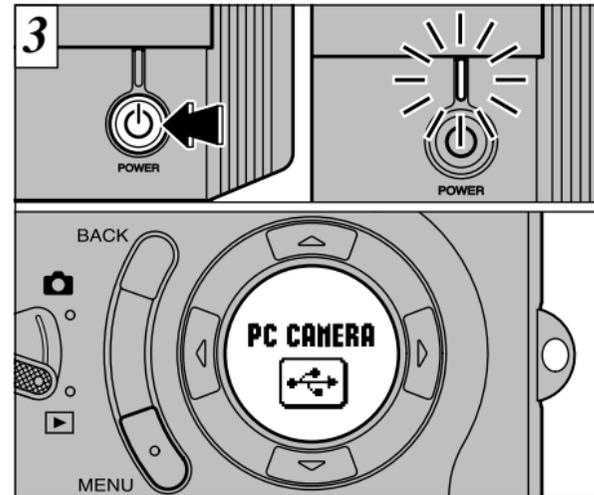
When you press the "⏻" (power) button on the cradle, the camera is connected to your PC and the power lamp on the cradle lights. "PC CAMERA" also appears on the display panel.

● **Focal range:** Approx. 50 cm (1.6 ft.) to infinity

⚠ The Auto Power Save function does not operate when the camera is connected to a PC.

If Windows driver installation has started, refer to the Software Quick Start Guide booklet.

4 ① ②

Stand
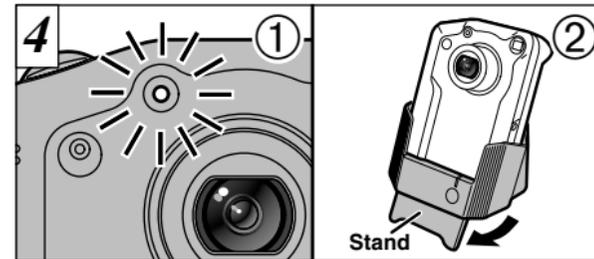
① The self-timer lamp blinks during communication with the PC. Do not disconnect the camera during communication.
② The angle of the cradle can be changed. This is useful when the cradle is used for a PC-camera connection.

⚠ The lens is fixed at the wide-angle zoom setting during PC-camera connection.
⚠ See P.106 for information on removing the camera.

The PC Camera connection allows you to record movies on your PC and use the camera for videoconferencing. Refer to the Software Quick Start Guide booklet for details.

— ◆ **When the Cradle is Not Used** ◆ —
Connect the special USB cable to the DIGITAL (USB) socket on the camera and switch the camera on. (➡P.8, 22)
⚠ The AC power adapter should be used when the camera is connected to a PC. (➡P.19)

6

DISCONNECTING FROM THE PC

Always follow the procedure below before disconnecting the camera from your PC.

Card reader connection

①Check that the self-timer lamp is not blinking (the camera is not communicating with the PC).
②Follow the correct procedure for your operating system.
● **Windows 98**
Check that the power lamp on the cradle is lit steadily.
● **Windows Me/2000 Professional**
Click the Eject icon in the taskbar and eject the media.
● **Macintosh**
Drag the removable disk drive icon to the Trash and then check that the power lamp on the cradle is blinking slowly.

PC-camera connection

①Quit "FinePixViewer".
②Check that the power lamp on the cradle is lit steadily.
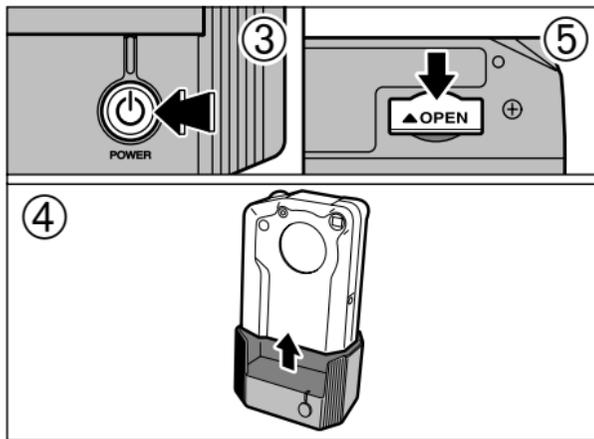
③Press the "⏻" (power) button on the cradle and then disconnect the cradle from the PC.
④Remove the camera from the cradle.
⑤Close the connection socket cover on the bottom of the camera.

◆ **When the Cradle is Not Used** ◆
Use the correct procedure for your operating system and then switch off the camera and disconnect it.
⚠ Check the viewfinder lamp in the camera instead of the cradle power lamp.
⚠ On a Macintosh computer, check that "REMOVE OK" is shown on the display panel before removing the SmartMedia or disconnecting the cable.

CAMERA CUSTOMIZING

1

✻The figure shows the Macintosh screen display.

①Download "FinePix6800Customizer" software from "http://home.fujifilm.com/products/digital/".
②Install the software in "DSCSETUP" folder in the "FinePixViewer" folder on your PC.
③Load a SmartMedia that has available space and connect the camera (DSC mode) with the PC.
④Use the FinePixViewer on the PC and transfer the customizing data to the camera.

Do not switch the SmartMedia during the customization procedure.

2

CAMERA CUSTOMIZING
CUSTOMIZED FILE FOUND.
EXECUTE CUSTOMIZING?
STARTUP SCREEN ►PREVIEW◄
PLAYBACK WIPING ►PREVIEW◄
COPYRIGHT ►PREVIEW◄
SET➔OK NO➔BACK
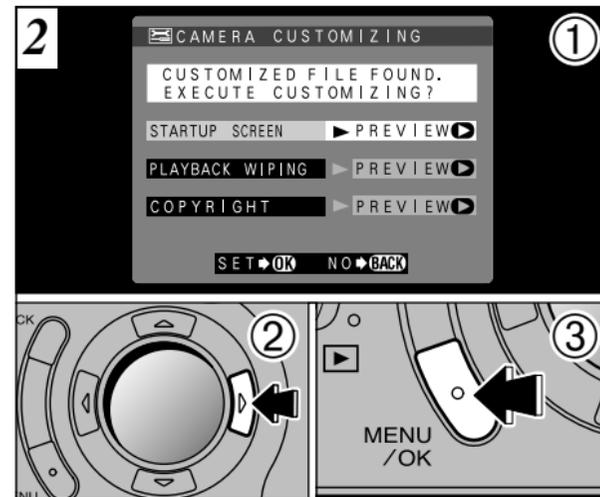
MENU /OK

Disconnect the cradle from the PC and remove the camera (➡P.106).
①When you switch the camera on, the customized screen appears.
②Press "►" to check the details.
③Press the "MENU/OK" button to proceed.

6

⚠ If you selected "NO", the customized screen appears the next time you switch the camera on.

System Expansion Options

▶ By using the FinePix6800 ZOOM together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.
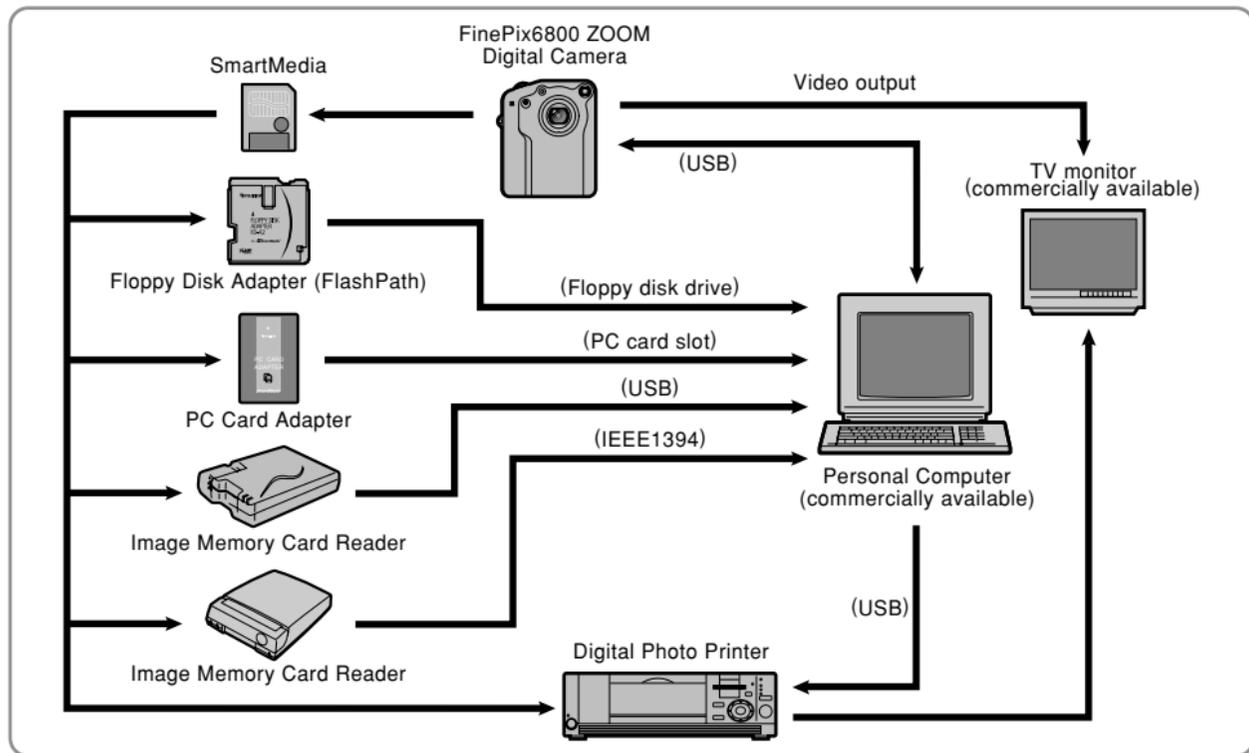
Accessories Guide

▶ The optional accessories (sold separately) can make taking pictures with the FinePix6800 ZOOM even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.

● **SmartMedia™**
These are separately available SmartMedia cards.
Use the following SmartMedia:
● MG-4S: 4MB, 3.3V ● MG-8S: 8MB, 3.3V ● MG-16S/SW: 16MB, 3.3V
● MG-32S/SW: 32MB, 3.3V ● MG-64S/SW: 64MB, 3.3V ● MG-128SW: 128MB, 3.3V
✽ Some 3.3V SmartMedia are labelled as "3V" or "ID" cards.
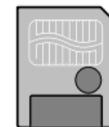
● **AC Power Adapter AC-5V/AC-5VH**
Use the AC-5V/AC-5VH when taking pictures for a long period of time or when the FinePix6800 ZOOM is connected to a personal computer.
✽ The shape of the AC power adapter, the plug and socket outlet depend on the country.

● **BC-80 Battery Charger**
Use the BC-80 to charge the quickly rechargeable battery quicker.
Battery charging takes roughly 1 hour (charging an NP-80).
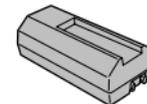
● **NP-80 Rechargeable Battery**
The NP-80 is a rechargeable lithium-ion battery.

● **PC-AD3 PC Card Adapter**
The PC Card Adapter allows the SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type II).
● Compatible with SmartMedia of 5V/3.3V, 2MB to 128MB.

Accessories Guide

- **Floppy Disk Adapter (FlashPath)**

  This adapter is the same size and shape as a 3.5-inches floppy disk. You can copy the images on a SmartMedia to your PC simply by loading the SmartMedia into the floppy disk adapter and then inserting the adapter into your floppy disk drive.

	Compatible OS	Compatible SmartMedia
FD-A2	Windows 95/98/98SE/Me/NT4.0 MacOS 7.6.1 to 9.0	5V/3.3V, 2MB to 128MB

- **SM-R2 Image Memory Card Reader**

  The SM-R2 allows images to very easily be read and written from an image memory card (SmartMedia) to a personal computer. Its USB interface provides high-speed data transmission.
  - Windows 98/98SE, Windows Me, Windows 2000 Professional or Power Macintosh with USB interface.

- **DM-R1 Image Memory Card Reader**

  This device provides a simple way to transfer image data in either direction between your PC and an image memory card (SmartMedia or CompactFlash Type Ⅱ (Microdrive-compatible)).
  The IEEE 1394 interface provides high-speed data transfer.
  - Windows 98 Second Edition, Windows 2000 Professional (read-only), iMacDV and Power Macintosh PCs with FireWire as a standard feature. Mac OS 8.5.1 to 9.0
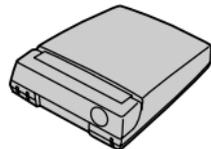
- **SC-FX8**

  This is a special deerskin case that protects the camera against soiling, dust and minor impacts when it is being carried.

Notes on Using Your Camera Correctly

▶ Be sure to read this information in conjunction with "Safety Notes" (➡P.127) to ensure that you use your camera correctly.

■ Places to Avoid
Do not store or use the camera in the following types of locations :
- Very humid, dirty or dusty places.
- In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer. Extremely cold places.
- Places subject to strong vibrations.
- Places affected by smoke or steam.
- Places subject to strong magnetic fields (such as places near motors, transformers or magnets).
- In contact with chemicals such as pesticides or next to rubber or vinyl products for long periods of time.

■ Do not expose the camera to sand
The FinePix6800 ZOOM is particularly and adversely affected by sand. In sandy locations such as beaches or deserts, or in locations where there is wind borne sand, ensure that the camera is not exposed to sand. This can cause faults that may be irreparable.

■ Notes on Condensation
If the camera is carried suddenly from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, switch the camera off and wait an hour before using the camera. Condensation may also form on the SmartMedia card. In this event, remove the SmartMedia and wait a short time before using it again.

■ When the Camera is Unused for Long Periods
If you do not intend to use the camera for a long period of time, remove the batteries and the SmartMedia card before storing the camera.

■ Cleaning Your Camera
- Use a blower brush to remove dust from the lens and LCD surface and then wipe lightly with a soft, dry cloth. If any soiling remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor screen or viewfinder as these surfaces are easily damaged.
- Clean the body of the camera with a soft dry cloth. Do not use volatile substances such as thinners, benzine or insecticide, as these may react with camera body and cause deformation or remove the coating.

■ Using the Camera Overseas
When travelling overseas, do not place your camera in the check-in baggage. Baggage handling at airports may subject baggage to violent shocks, and the camera may be damaged internally even when no external damage is visible.

Notes on the Power Supply

Notes on Using the Battery

The FinePix6800 ZOOM camera uses a rechargeable lithium-ion battery. Note the points below when using the rechargeable battery. Take particular care to read the Safety Notes to ensure that you use the battery correctly.

✽When shipped, the NP-80 is not fully charged. Always charge the battery before using it.
● Always remove the battery cap when using the battery.
● When you are carrying the battery around, load it into the digital camera or attach the cap.
● When storing the battery, store it with the cap fitted.

Cap
Battery
Terminal
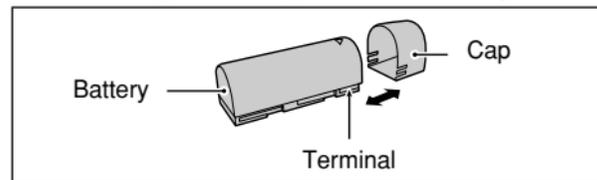
■Battery Features
● The battery gradually loses its charge even when not used. Use a battery that has been charged recently (in the last day or two) to take pictures.
● To maximize the battery life, switch the camera off as quickly as possible when it is not being used.
● The number of available shots will be lower in cold locations or at low temperatures. Take along a spare fully charged battery.
You can also increase the amount of power produced by putting the battery in your pocket or another warm place to heat it and then loading it into the camera just before you take a picture.
If you are using a heating pad, take care not to place the battery directly against the pad. The camera may not operate if you use a depleted battery in cold conditions.

■Charging the Battery
● The battery can be charged using the AC-5V/AC-5VH (provided as an accessory or sold separately) AC Power Adapter supplied with the FinePix6800 ZOOM. The battery takes approximately 5 hours to charge. If you use the BC-80 Battery Charger (sold separately), the battery can be charged in approximately 70 minutes.
● This rechargeable battery does not need to be fully discharged or exhausted flat before being charged.
● The battery may feel warm after it has been charged or immediately after being used. This is perfectly normal.
● The battery can be charged at temperatures between 0°C and +40°C (+32°F and +104°F), but should be charged between +10°C and +30°C (+50°F and +86°F) to obtain maximum battery performance.
● Do not recharge a fully charged battery.

■ Battery Life
At normal temperatures, this battery can be used at least 300 times.
If the time for which the battery provides power shortens markedly, this indicates that the battery has reached the end of its effective life and should be replaced.

Notes on storage

Lithium ion batteries are both compact and capable of storing large quantities of power. However, if they are stored for long periods while charged, the performance of the battery can be impaired.
● If the battery will not be used for some time, run the battery flat before storing it.
● If the battery is kept in storage for a long period, charge the battery and then run it flat again at least once a year.
● Always remove the battery from the digital camera or battery charger when it is not being used. Left installed, minute amounts of current flow even when unused, and the battery may become excessively drained and no longer function.
● Attach the cap and store in a cool place.
✽The battery should be stored in a dry location with an ambient temperature between +15°C and +25°C (+59°F and +77°F).
✽Do not leave the battery in hot or extremely cold places.

■Handling the Battery

To avoid injury or damage, observe the following:

● Do not allow the metal portions of the battery to touch other metal objects.
● Do not bring the battery close to a flame or throw it into a fire.
● Do not attempt to disassemble or modify the battery.

To avoid damaging the battery or shortening its life, observe the following:

● Do not drop the battery or otherwise subject it to strong impacts.
● Do not immerse the battery in water.

To ensure that you obtain optimum battery performance, observe the following:

● Always keep the battery terminals clean.
● Store the battery in a cool, dry place. Storing the battery for long periods in a hot location can shorten the battery life.

If you use the battery for a long period, the camera body and the battery itself will become warm. This is normal and is not a malfunction. Use the AC power adapter supplied with the camera if you are taking picture or viewing images for a long period of time.

■Specifications

Nominal voltage	DC 3.7V
Maximum voltage	DC 4.2V
Nominal capacity	1300mAh
Operating temperature	0°C to +40°C (+32°F to +104°F)
Dimensions	19.8 mm × 20.4 mm × 55.5 mm (0.78 in. × 0.8 in. × 2.19 in.) (W × H × D)
Mass (Weight)	Approx. 40g (1.4 oz.)

✽These specifications are subject to change without notice.

Notes on the Power Supply

AC Power Adapter

Always use the AC-5V/AC-5VH AC Power Adapter with the FinePix6800 ZOOM Camera.
The use of an AC power adapter other than the AC-5V/AC-5VH could result in damage to your FinePix6800 ZOOM Digital Camera.

● This AC power adapter is designed exclusively for indoor use.
● Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
● Turn off the power switch of the FUJIFILM Digital camera before disconnecting the connection cord from the FUJIFILM Digital camera's DC input terminal. To disconnect, take hold of the plug and pull it out (do not disconnect it by pulling on the cord).
● Do not use this AC power adapter with any device except the specified device.
● During use, this AC power adapter will become hot to touch, but this is not abnormal.
● Do not disassemble the AC power adapter. Doing so could be dangerous.
● Do not use this device in a place with high temperature and high humidity.
● Do not drop or subject this device to strong shocks.
● This device may emit a humming noise, but this is not abnormal.
● If used near a radio, this device may cause static, so play the radio in a distant place.

✽Very occasionally, DC output will be prevented by the operation of the internal protection circuit. In this event, unplug the AC-5V/AC-5VH from the power socket for a few moments and then plug it in again. This will restore DC output.

■Specifications

Power Supply	AC 100V to 240V, 50/60Hz
Rated Input Capacity	12W (U.S.A. and Canada)
	0.15A to 0.24A (other countries)
Rated Output	DC 5.0V 1.5A (U.S.A. and Canada)
	DC 5.0V 2.0A (other countries)
Temperature During Use	0°C to +45°C (+32°F to +113°F)
Storage Temperature	-10°C to +70°C (+14°F to +158°F)
Dimensions (MAX.)	47 mm × 20 mm × 72 mm
	(1.9 in. × 1.2 in. × 2.6 in.)
	(W × H × D) (U.S.A. and Canada)
	49 mm × 40 mm × 65 mm
	(W × H × D) (U.K.)
	49 mm × 31 mm × 65 mm
	(W × H × D) (other countries)
Mass (Weight)	120 g (6.3 oz.) (U.S.A. and Canada)
	200 g (7.0 oz.) (U.K.)
	120 g (6.3 oz.) (other countries)
Connection Cord Length	Approx. 2 m (6.6 ft.)

✽Please note that specifications and characteristics are subject to change without notice.
FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.

Notes on the SmartMedia™

■SmartMedia

The SmartMedia card supplied with your FinePix6800 ZOOM camera is a new image recording medium developed especially for use in digital cameras. Each SmartMedia card contains a built-in semiconductor memory chip (NAND flash memory) which is used for storing digital image data.
Because the data is stored electronically, the stored image data can be erased from the card and new data recorded.

■SmartMedia with IDs

The SmartMedia ID is a SmartMedia that has an individually assigned identification number. SmartMedia ID cards can be used with devices that use ID numbers for copyright protection or other purposes. This camera accepts SmartMedia ID cards in the same way as conventional SmartMedia cards.

■Storing Data

In the situations listed below, recorded data may be erased (destroyed). Please note that Fuji Photo Film Co., Ltd. accepts no responsibility whatsoever for the loss (destruction) of recorded data.
✽When the SmartMedia is used incorrectly by the owner or a third party
✽When the SmartMedia is exposed to static electricity or electrical noise

✽When the SmartMedia cover is opened or the SmartMedia removed and the camera is then switched off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back.

Back up important data onto another medium. (MO disk, floppy disk, hard disk, etc.)

■Notes on Handling SmartMedia

● When inserting the card into the camera, hold the SmartMedia straight as you push it in.
● Never remove the SmartMedia or switch the camera off during data recording, during data erasing (SmartMedia formatting) or during frame advance when images are being played back. These actions could result in damage to the SmartMedia.
● Use only the SmartMedia specified for use with the FinePix6800 ZOOM. The use of other SmartMedia could damage the camera.
● SmartMedia are precision electronic devices. Do not bend, drop, or subject SmartMedia to excessive shocks.
● Do not use or store SmartMedia in environments likely to be affected by strong static electricity or electrical noise.

Notes on the SmartMedia™

- Do not use or store SmartMedia in very hot, humid or corrosive environments.
- Take care not to touch the SmartMedia's contact area or allow the area to become soiled. Use a dry lint-free cloth to wipe away any soiling that does occur.
- To avoid damage caused by static electricity, always use the special static-free case provided during transportation or storage, or keep the SmartMedia in a storage case if available.
- Do not carry SmartMedia in locations such as a trouser pocket. This could subject the SmartMedia to excessive force when you sit down, thereby damaging the SmartMedia.
- The SmartMedia may feel warm when it is removed from the camera after extended periods of picture taking or image viewing. This is normal and does not indicate a fault.
- Inserting a SmartMedia that is charged with static electricity into your camera may result in a camera malfunction. If this occurs, switch the camera off and then on again.
- Affix the label onto the designated area of the card. Do not use third-party labels as this can lead to problems when the card is inserted or removed.
- When you attach the label, take care that it does not cover any of the write-protect area.

■Notes on Using SmartMedia with a PC

- If you intend to take photos using a SmartMedia that has been used on a PC, format the SmartMedia on your camera.
- When you format a SmartMedia in the camera and then shoot and record images, a directory (folder) is automatically created. Image data is then recorded in this directory.
- Do not change or delete the directory (folder) names or file names on the SmartMedia from your PC as this will make it impossible to use the SmartMedia in your camera.
- Always use the camera to erase image data on a SmartMedia.
- To edit image data, copy the image data to the PC's hard disk and then edit the copied data.

■Specifications

Type	Image memory card for digital cameras (SmartMedia)
Operating voltage	3.3V
Operating conditions	Temperature: 0°C to +40°C (+32°F to +104°F) Humidity: 80% or less (condensation free)
Dimensions	37 mm × 45 mm × 0.76 mm (1.45 in. × 1.77 in. × 0.03 in.) (W × H × D)

116

Warning Displays

▶ The table below lists the warnings that are displayed on the LCD monitor

Warning Displayed		Explanation	Remedy
LCD Monitor	**display panel**		
▭◢ (Lit red)	▭	The camera battery is low on charge.	Replace or recharge the battery.
✿NO CARD	NO CARD	No SmartMedia is loaded, or it is loaded incorrectly.	Load the SmartMedia (3.3V) in the correct direction.
✿CARD NOT INITIALIZED	✿ERR CARD	• The SmartMedia is not formatted. • The SmartMedia terminals are soiled.	• Format the SmartMedia. • Wipe the contact area on the SmartMedia with a soft dry cloth.
✿CARD ERROR	✿ERR CARD	• The SmartMedia terminals are soiled. • The SmartMedia is damaged. • The SmartMedia format is incorrect.	Wipe the contact area on the SmartMedia with a soft dry cloth. It may be necessary to format the SmartMedia. If the error message is still displayed, replace the SmartMedia.
✿CARD FULL	CARD FULL	The SmartMedia is fully recorded.	Erase some images or use a SmartMedia that has ample free space.
✿PROTECTED CARD	CARD o╍	The SmartMedia is write-protected.	Use a SmartMedia that is not write-protected.
✿READ ERROR	✿ERR READ	• An attempt was made to playback a frame not recorded on this camera. • The SmartMedia terminals are soiled.	• Images cannot be played back. • Wipe the contact surface on the SmartMedia thoroughly with a soft, dry cloth. In some cases, you may have to format the SmartMedia.

117

Warning Displays

| Warning Displayed | | Explanation | Remedy |
LCD Monitor	display panel		
⚡FILE NO. FULL	FILE FULL	The frame number has reached 999–9999.	Switch the Frame No. Memory function off and use a formatted SmartMedia to take the picture.
⚡ WRITE ERROR	⚡ERR CARD	• The data could not be recorded due to a SmartMedia error or a connection error between the SmartMedia and camera. • The photographed image cannot be recorded as it is too large to fit in the available space on the SmartMedia.	• Re-insert the SmartMedia or switch the camera off and then on again. • Use a new SmartMedia.
⚡ 🎙ERROR	⚡ERR READ	The voice memo file is faulty.	The voice memo cannot be played back.
✋))	—	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, a tripod should be used for some scenes and modes.
⚡PROTECTED FRAME	—	A protected frame was erased.	Remove the protection.
⚠ AF	—	The AF (auto focus) cannot work effectively.	• If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. • Use AF lock to take the picture.

| Warning Displayed | | Explanation | Remedy |
LCD Monitor	display panel		
⚠ AE	—	Outside the AE continuous range.	The shot can be taken, but the exposure will not be correct.
DPOF SPECIFIED. ERASE OK? DPOF SPECIFIED. ERASE ALL OK?	—	There is a print order specified for image you attempted to erase.	When you erase the image, the DPOF settings for that image are deleted at the same time.
RESET UNMATCHED DPOF OK?	—	The DPOF file contains an error. Alternatively, the DPOF file was set up on a different device.	Press the MENU/OK button to create a new DPOF file and specify all the DPOF settings again.
⚡ DPOF FILE ERROR	—	Prints were specified for more than 1000 frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same SmartMedia is 999.
⚡ZOOM ERROR ⚡FOCUS ERROR	⚡ERR	Camera malfunction or fault.	• Switch the camera on again, taking care not to touch the lens. • Turn the camera off and on again a few times.
⚡ LENS COVER	⚡ERR	Lens cover fault.	• Switch the camera off and on again, taking care not to touch the lens. • Switch the camera then on, taking a few times.

Troubleshooting

▶ If you think the camera is faulty, check the following once more

Problem	Cause	Remedy
No power.	• The battery is exhausted. • The AC power adapter plug has come out of the power outlet. • The camera is not connected to the cradle correctly.	• Load a new fully charged battery. • Plug the adapter back in. • Ensure that the camera is properly fitted into the cradle.
Power cuts out during operation.	• The battery is exhausted.	• Load a new fully charged battery.
Battery runs out quickly.	• You are using the camera in extremely cold conditions. • The terminals are soiled. • The battery is flat.	• Put the battery in your pocket or another warm place to heat it and then load it into the camera just before you take a picture. • Wipe the battery terminals with a clean, dry cloth. • Load a new fully charged battery.
No photograph is taken when the shutter button is pressed.	• No SmartMedia is loaded. • The SmartMedia is fully recorded. • The SmartMedia is write-protected. • The SmartMedia is not formatted. • The SmartMedia contact area is soiled. • The SmartMedia is damaged. • The Auto Power Save function has switched the camera off. • The battery is exhausted.	• Load a SmartMedia. • Load a new SmartMedia or erase a frame. • Remove the write-protection. • Format the SmartMedia. • Wipe the SmartMedia contact area with a clean dry cloth. • Load a new SmartMedia. • Switch the camera on. • Load a new fully charged battery.

Problem	Cause	Remedy
I can't use the flash to take pictures.	• The Mode switch and Mode dial has been moved to another setting. • The flash is set to Suppressed Flash mode (The flash is closed). • You pressed the shutter button while the flash was charging.	• Set the Mode switch and Mode dial to the correct setting. • Pop the flash up. (The flash cannot be used in some modes (➡P.42). Select a mode in which the flash can be used.) • Wait until charging is completed before pressing the shutter button.
The flash will not charge.	• No compatible SmartMedia is loaded. • The camera is set to Suppressed Flash mode. • The battery is exhausted.	• Load a new SmartMedia, erase a frame, or remove the write-protection. • Set the flash to Auto, Red-Eye Reduction or Forced Flash mode. • Load a new battery.
The playback image is too dark even though I used the flash.	• The subject is too far away. • Your finger was covering the flash.	• Move closer to the subject. • Hold the camera correctly.
The image is blurred.	• The lens is dirty. • The lens is zoomed to telephoto in Macro mode. • The photographed subject was too dark.	• Clean the lens. • Cancel Macro mode. • Try standing about 2 m (6.6 ft.) from your subject to take the picture.
There is speckling on the image.	The shot was taken with a shutter speed slower than 1/4 second.	This is a characteristic of CCDs and does not indicate a camera fault.

121

Troubleshooting

Problem	Cause	Remedy
I can't format the SmartMedia.	• The SmartMedia is write-protected.	• Remove the write-protection. (Peel off the write-protect sticker.)
The ERASE ALL function does not erase all the frames.	• The frame is protected.	• Remove the frame protection.
Nothing happens when I use the camera switches and dial.	• Camera malfunction. • The Mode switch and Mode dial has been moved to another setting. • The battery exhausted.	• Remove the battery, re-insert them and try again. • Set the Mode switch and Mode dial to the correct setting. • Load a new fully charged battery.
No image appears when I press the, "DISP" button.	• The Mode switch and Mode dial has been moved to another setting.	• Set the Mode switch and Mode dial to the correct setting.
The camera does not emit any sound.	• The camera volume is set too low. • The microphone was blocked during shooting/recording. • The A/V cable is connected.	• Adjust the volume. • Take care not to block the microphone during shooting/recording. • Disconnect the A/V cable.
There is no picture on the TV.	• The camera and TV are connected incorrectly. • The TV input is set to "TV".	• Connect the TV and camera correctly. • Set the TV input to "Video".

Problem	Cause	Remedy
PC connection failed.	• The camera and cradle are not connected correctly. • The USB cable is not connected to the cradle correctly. • The camera and USB cable are not set up correctly. • The PC is not switched on.	• Connect the camera and cradle correctly. • Ensure that the USB cable is properly connected to the cradle. • Set up the camera and USB cable correctly. • Switch the PC on.
The lens extends during card reader connection.	• The camera and cradle are not connected correctly. • The PC is not switched on.	• Connect the camera and cradle correctly. • Switch the PC on.
I tried to charge the battery but the self-timer lamp does not light.	• There is no battery in the camera. • The camera and cradle are not connected correctly. • The cradle and AC power adapter are not connected correctly.	• Load the battery. • Connect the camera and cradle correctly. • Connect the cradle and AC power adapter correctly.
The self-timer lamp blinks during battery charging.	• The battery is old.	• Use a new battery.
The camera no longer works correctly.	• The camera has suffered an unforeseen problem.	• Remove the battery briefly and then reload the battery and try again.

Specifications

System

- Model: Digital camera FinePix6800 ZOOM
- CCD sensor:
  1/1.7-inch Super CCD (with primary color filter)
  The total number of pixels: 3.3 million in an interwoven pattern.
  The number of effective pixels: 3.015 million.
- Image file size:
  2832 × 2128 pixels (6.03 million pixels) / 2048 × 1536 pixels /
  1280 × 960 pixels / 640 × 480 pixels
- File format:
  Still image: Exif ver.2.1 (JPEG)
  Movie   : AVI format, Motion JPEG
  Audio   : Exif Ver. 2.1 audio file standard-compliant
- Storage media: SmartMedia (3.3V)
- Viewfinder: Real image optical
- Lens: Super EBC Fujinon optical 3× zoom lens

■Number of frames recorded

File Size	6M 2832 × 2128			3M 2048 × 1536		1M 1280 × 960		VGA 640 × 480	Movie (Video)	Audio recording
Quality Mode	FINE	NORMAL	BASIC	FINE	NORMAL	FINE	NORMAL	NORMAL	—	—
Image Data Size	Approx. 2400KB	Approx. 1200KB	Approx. 460KB	Approx. 1300KB	Approx. 590KB	Approx. 620KB	Approx. 320KB	Approx. 90KB	—	—
MG-4S (4MB)	1	3	8	2	6	6	12	44	Approx. 23 sec.	Approx. 8 min.
MG-8S (8MB)	3	6	17	6	13	12	25	89	Approx. 47 sec.	Approx. 16 min.
MG-16S (16MB)	6	13	33	12	26	25	49	163	Approx. 94 sec.	Approx. 33 min.
MG-32S (32MB)	13	28	68	25	53	50	99	330	Approx. 191 sec.	Approx. 67 min.
MG-64S (64MB)	26	56	137	50	107	101	198	663	Approx. 385 sec.	Approx. 135 min.
MG-128S (128MB)	53	113	275	102	215	204	398	1330	Approx. 774 sec.	Approx. 272 min.

- Aperture: F2.8/F7.0 (Wide-angle) to F4.5/F10.8 (Telephoto)
- Focus: TTL contrast-type, Auto or Manual
- Focus distance: f = 8.3 mm – 24.9 mm
  (Equivalent to 36 mm – 108 mm on a 35 mm camera)
- Exposure control:
  TTL 64-zones metering, Program AE, exposure compensation available in Manual photography mode
- Sensitivity: Equivalent to ISO 100/200/400
- White balance:
  Auto (In Manual modes, 7 positions can be selected.)
- Focal range:
  Normal: Approx. 60 cm (2.0 ft.) to infinity
  Macro : Approx. 20 cm (0.6 ft.) to 80 cm (2.6 ft.)
- Shutter: Variable-speed, 3 sec. to 1/2000 sec. (using AE)
- Flash: Auto flash using flash control sensor
  Effective range: Wide-angle Approx. 0.2 m – 3.5 m
  (0.6 ft. – 11.5 ft.)
  Telephoto Approx. 0.2 m – 2 m
  (0.6 ft. – 6.6 ft.)
  Flash modes: Auto, Red-Eye Reduction, Forced Flash, Slow Synchro
- LCD monitor:
  2-inches, low-temperature polysilicon TFT 130,000 pixels
- Video output:
  NTSC (U.S.A./Canada model) / PAL (Europe model)
- Self-Timer: 10 sec. timer clock

Input/Output Terminals

- A/V Output: Stereo mini- jack (1)
- Digital: USB (1) for image data output with a PC
- DC Input: Socket for specified AC power adapter
- Cradle connection socket: For connection to supplied cradle

Power Supply and Others

- Power supply:
  Use one of the following
  • Rechargeable Battery NP-80 or AC Power Adapter AC-5V/AC-5VH

■Available shots / time using the battery (When fully charged)

Battery Type		No. of Shots	Auto Play	Audio Recording
NP-80	LCD monitor ON	Approx. 120	Approx. 1 hour	Approx. 1 hour
	LCD monitor OFF	Approx. 250	—	Approx. 3 hour

The number of shots shown here is an approximate guide to the number of consecutive shots that can be taken based on 50% flash usage at normal temperatures. However, the actual number of available shots will vary depending on the ambient temperature when the camera is used and the amount of charge in the battery. The number of available shots or available shooting time will be lower in cold conditions.

- Conditions for use:
  Temperature : 0°C to +40°C (+32°F to +104°F)
  80% humidity or less (no condensation)
- Camera dimensions (W/H/D):
  80 mm × 97.5 mm × 36.3 mm / 3.1 in. × 3.8 in. × 1.4 in.
  (not including accessories and attachments)
- Camera mass (weight): 258 g / 9.1 oz.
  (not including accessories, batteries or SmartMedia)
- Weight for photography: Approx. 300 g / 10.6 oz.
  (including batteries and SmartMedia)
- Cradle dimensions (W × H × D):
  80 mm × 53 mm × 80 mm/3.1 in. × 2.1 in. × 3.1 in.
- Cradle mass weight: Approx. 125 g/4.4 oz.
- Cradle I/O terminals:
  DC input socket, digital (USB) socket and connector socket (for camera connection)
- Accessories: See P.7
- Optional Accessories: See P.109 – 110

✽ These specifications are subject to change without notice.
✽ The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
✽ The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).

Explanation of Terms

AF/AE Lock:
On the FinePix6800 ZOOM, pressing the shutter button down half way locks the focus and exposure settings (AF and AE lock). If you want to focus on a subject that is not centered in the frame or change the picture composition after the exposure is set, you can obtain good results by changing the composition after the AF and AE settings are locked.

Auto Power Save Function:
If the camera is not used in any way for 15 seconds, this function switches features such as the LCD monitor off (Sleep mode) to prevent battery depletion and the waste of power when the AC power adapter is connected. If the camera is then left unused for a further period, the Auto Power Save function switches the camera off. This period can be set to 2 minutes or 5 minutes on this camera.
● Auto Power Save does not operate during automatic playback, when a USB connection is being used or if the Auto Power Save function is disabled during setup.

DPOF: Digital Print Order Format
DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are printed and how many prints are made of each image.

EV:
A number that denotes exposure. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed. When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

JPEG:
Joint Photographics Experts Group
A file format used for compressing and saving color images. The compression ratio can be selected, but the higher the compression ratio, the poorer the quality of the expanded image.

Motion JPEG:
A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

PC Card:
A generic term for cards that meet the PC Card Standard.

PC Card Standard:
A standard for PC cards determined by the PCMCIA.

PCMCIA:
Personal Computer Memory Card International Association (US).

WAVE:
This is the standard Windows file format for recording sound. The file extension is "WAV", and the data itself is recorded either as PCM or as a compressed recording. This camera uses PCM recording.
The files can be played back as follows:
Windows: Use the accessories supplied with the operating system (MediaPlayer and SoundRecorder)
Macintosh: Use the applications supplied with the operating system (SimpleText and QuickTime).

White Balance:
Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance. A function that automatically matches the white balance is called **an Automatic White Balance function**.

126

Safety Notes

● To ensure that you use your FinePix6800 ZOOM camera correctly, read these Safety Notes and your Owner's Manual carefully beforehand.
● After reading these Safety Notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

⚠ WARNING	This icon indicates that death or serious injury can result if the information is ignored.
⚠ CAUTION	This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the information which is to be observed.

⚠ Triangular icons notify the user of information requiring attention ("Important").

🚫 Circular icons with a diagonal bar notify the user that the action indicated is prohibited ("Prohibited").

❗ Filled circles with an exclamation mark notify the user of an action that must be performed ("Required").

⚠ **WARNING**

If a problem arises, switch the camera off, remove the battery and disconnect and unplug the AC power adapter.

Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.
● Contact your FUJIFILM dealer.

Unplug from power socket.

Do not allow water or foreign objects to enter the camera.

If water or foreign objects get inside the camera, switch the camera off, remove the battery and disconnect and unplug the AC power adapter.

Continued use of the camera can cause a fire or electric shock.
● Contact your FUJIFILM dealer.

Do not place the camera on an unstable surface.

This can cause the camera to fall or tip over and cause injury.

127

Safety Notes

⚠ WARNING

Never attempt to modify or disassemble the camera. (Never open the casing.)

Do not use the camera when it has been dropped or the casing is damaged.

This can cause a fire or electric shock.
● Contact your FUJIFILM dealer.

Do not disassemble.

Do not use the camera in the bathroom or shower.

This can cause a fire or electric shock.

Do not use in the bathroom or shower.

Never attempt to take pictures whilst in motion.

Do not use the camera while you are walking or operating a moving car or other vehicle.

This can result in you falling down or being involved in a traffic accident.

Do not touch any metal parts of the camera during a thunderstorm.

This can cause an electric shock due to induced current from the lightning discharge.

⚠ WARNING

Do not modify, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.

These actions could damage the cord and cause a fire or electric shock.
● If the cord is damaged, contact your FUJIFILM dealer.

Do not use the batteries except as specified.

Load the batteries with the poles positioned as indicated by the ⊕ and ⊖ marks.

Do not heat, modify or attempt to disassemble the batteries.
Do not drop or subject the batteries to impacts.
Do not attempt to recharge lithium or alkaline batteries.
Do not store the batteries with metallic products.
Do not use chargers other than the specified model to charge the battery.

Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.

⚠ WARNING

Use only the batteries or AC power adapter specified for use with this camera.
Do not use voltages other than the power supply voltage shown.

The use of other power sources can cause a fire.

⚠ CAUTION

Do not use this camera in locations severely affected by oil fumes, steam, humidity or dust.

This can cause a fire or electric shock.

Do not leave this camera in places subject to extremely high temperatures.

Do not leave the camera in locations such as a sealed vehicle or in direct sunlight.
This can cause a fire.

Keep out of the reach of small children.

This product could cause injury in the hands of a child.

Do not place heavy objects on the camera.

This can cause the heavy object to tip over or fall and cause injury.

Safety Notes

⚠ **CAUTION**
Do not move the camera while the AC power adapter is still connected. **Do not pull on the connection cord to disconnect the AC power adapter.** This can damage the power cord or cables and cause a fire or electric shock.
Do not cover or wrap the camera or the AC power adapter in a cloth or quilt. This can cause heat to build up and distort the casing or cause a fire.
When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the battery and disconnect and unplug the AC power adapter. Failure to do so can cause a fire or electric shock.
Do not use the flash close to anyone's eyes. This can cause temporary damage to the person's eyesight.

⚠ **CAUTION**
Do not use the AC power adapter when the plug is damaged or the plug socket connection is loose. This could cause a fire or electric shock.
Request regular internal testing and cleaning for your camera. Build-up of dust in your camera can cause a fire or electric shock. ● Contact your FUJIFILM dealer to request internal cleaning every 2 years.

130

EC Declaration of Conformity

We
Name : Fuji Photo Film (Europe) G.m.b.H.
Address : Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product
Product Name : FUJIFILM DIGITAL CAMERA FinePix6800 ZOOM
Manufacture's Name : Fuji Photo Film Co., Ltd.
Manufacture's Address : 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

is in conformity with the following Standards
Safety : EN60065
EMC : EN55022 : 1998 Classe B
EN55024 : 1998
EN61000-3-2 : 1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).

$C \epsilon$

Dusseldorf, Germany	February 1, 2001	
Place	Date	Signature/Managing Director

Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

131