FUJIFILM

digital
Tools for the imagination.

xD-Picture Card™ Exif Print PictBridge Designed for Microsoft® Windows®XP

SUPER CCD

DIGITAL CAMERA
FinePix F810

OWNER'S MANUAL

This manual will show you how to use your
FUJIFILM DIGITAL CAMERA FinePix F810 correctly.
Please follow the instructions carefully.

BL00411-200(1) **E**

Warning

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

For customers in the U.S.A.

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

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 A/V 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.126) and make sure you understand them before using the camera.**

IMPORTANT

Be sure to read this page before using the Software.

NOTICE

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   (b) "Software" means the software which is recorded on Media.
   (c) "Documentation" means the operation manuals of Software and other related written materials which are provided to you together with Media.
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    Upon termination or expiration of this Agreement, you shall, at your own responsibility and expense, delete or destroy immediately all Software (including its copies), Media and Documentation.

12. **Governing Law.**
    This Agreement shall be governed by and construed in accordance with laws of Japan.

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 FinePix F810
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).

CE

Dusseldorf, Germany   July 1, 2004
Place   Date   Signature/Managing Director

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

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Preface

■ Test Shots Prior to Photography

For important photographs (such as weddings and overseas trips), always take a test shot and view the image to make sure that the camera is working 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 **xD-Picture Card** 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 is damaged, take particular care with the liquid crystal in the monitor. 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 soap and running water.

● 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

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● Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviated term referring to the Microsoft® Windows® Operating System.
✽ The "Designed for Microsoft® Windows® XP" logo refers to the camera and the driver only.
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■ 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.

■ Exif Print (Exif ver. 2.2)

Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

◆ Images shot using WIDE ◆
Refer to the following information on images shot using the WIDE settings.
Change the setting to WIDE/STD (➡P.20)
Printing images shot as Widescreen mode images (➡P.79)

The camera may feel slightly warm if used continuously for a long period. This is normal.

Accessories included

● **NP-40 Rechargeable Battery (1)**
Soft case included
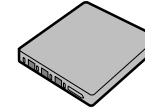
● **16 MB, xD-Picture Card™ (1)**
Included with: Anti-static case (1)
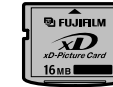
● **Strap (1)**
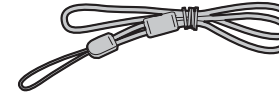
● **AC Power Adapter AC-5VW (1 set)**
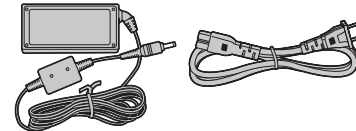
● **Picture Cradle (1)**
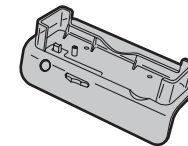
● **A/V cable for FinePix F810 (1)**
(approx. 1.2 m (3.9 ft.))
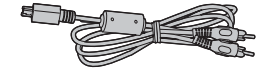
● **USB cable (1)**
(approx. 1.2 m (3.9 ft.))
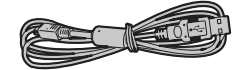
● **CD-ROM (1)**
Software for FinePix AX

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

Camera parts and features

✽ Refer to the pages in parentheses for information on using the camera parts or features.

【 Mode dial 】

AUTO Auto (P.38)
 Portrait (P.38)
 Landscape (P.38)
 Sports (P.38)
 Night scene (P.38)

P Programmed Auto (P.39)
S Shutter-priority Auto (P.40)
A Aperture-priority Auto (P.41)
M Manual (P.42)
 Movie (P.80)

【 Power switch 】

 Photography mode (P.22)
 Playback mode (P.29)
OFF Power-OFF (P.15)

- Shutter button
- Flash control sensor
- Self-timer lamp (P.58)
- Lens (Lens cover)

- AF-Assist Illuminator (P.25)
- Viewfinder window
- Flash (P.44)
- Microphone
- Speaker
- DC IN 5V (power input) socket (P.14)
- C-AF button (P.52)

- WIDE/STD switch
- LCD monitor
- Viewfinder lamp (P.24)
- Viewfinder
- Flash pop-up button (P.44)
- Continuous shooting button (P.49)
- Exposure compensation button (P.48)
- (USB) socket
- A/V OUT (Audio / Visual output) socket
- Cradle connection socket
- xD-Picture Card slot (P.11)
- Battery compartment (P.11)
- Tripod mount
- Battery cover (P.11)
- Battery release catch (P.11)

- Photo mode (𝐹) button (P.18)
- Command dial (P.19)
- **W** (wide-angle) button (P.19)
- **T** (telephoto) button (P.19)
- DISP (Display) button (P.19)
- BACK button (P.19)
- Strap mount
- MENU/OK button (P.19)
- 4-direction (▲▼◀▶) button (P.19)
- ▲ / [•] (Photometry) button (P.47)
- ◀ / (Macro) button (P.43)
- ▶ / (Flash) button (P.45)

- Connection plug
- POWER button
- USB/PLAY switch

【 Underside 】

- Tripod mount
- (USB) socket
- A/V OUT (Audio / Visual output) socket
- DC IN 5V (power input) socket

Attaching the strap

① ②

Attach the strap as shown in ① and ②.

Using the strap

① ②

① Loop the strap over your wrist.
② To avoid dropping the camera, secure the strap around your wrist by sliding the fastener to adjust the length.

Camera parts and features

Example of LCD Monitor text display

■ Photography mode

Zoom bar
Photography mode
🔆 Flash
🌷 Macro (close-up)
◎ Photometry
🔄 Continuous shooting
🕐 Self-timer
⚐ White balance
Ⓜ Manual focus
Shutter speed
Aperture settings

! 🖐" Camera shake warning
! AF AF warning
🔲 Battery level warning
Number of available frames
🔟 6M 🔟 Quality mode
ISO 80
! AF
! 🖐"
🔷 Sensitivity
🔷 FinePix COLOR
AF frame
Date
Exposure compensation indicator
🔷 EV (Exposure compensation)

■ Playback mode

Playback mode
🔷 DPOF
🔷 Protection
🔷 Voice memo
Date

Playback frame number
100-0001
🔲 Battery level warning
1/ 1/2004 12:00 AM
Time

10

Compatible Battery

Terminals

Indicator

Always use the Rechargeable Battery NP-40 (included).
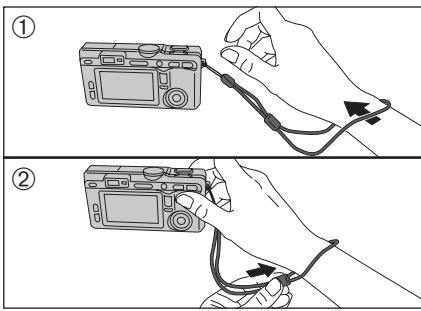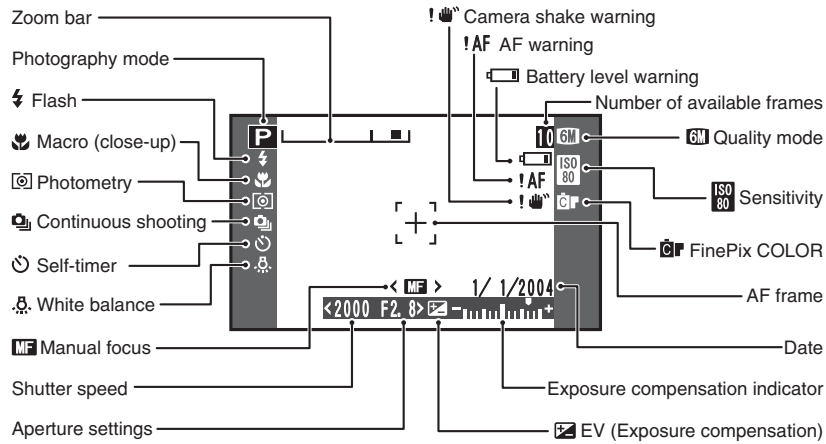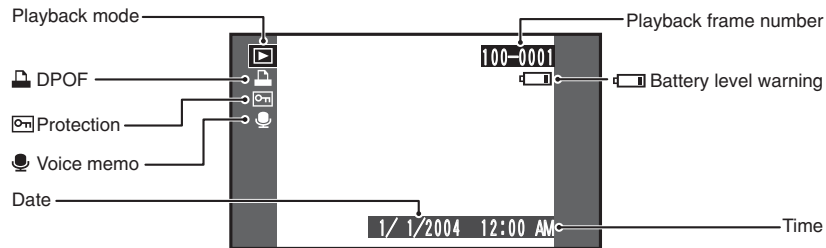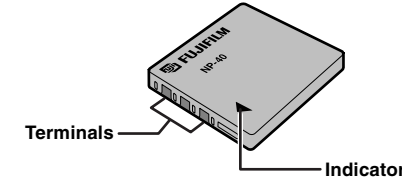The use of other brands of rechargeable battery could cause faults or damage to the camera.

● **Rechargeable Battery NP-40 (1)**

🔷 The battery is not fully charged at shipment and must be fully charged before being used.
🔷 Do not stick labels onto the battery as this could cause the battery to become jammed inside the camera.
🔷 When removed from the camera, the battery should be stored and transported in the case provided. Any contact between the battery terminals could cause the battery to short-circuit and overheat.
🔷 See P.115, 116 for information on the battery.

1
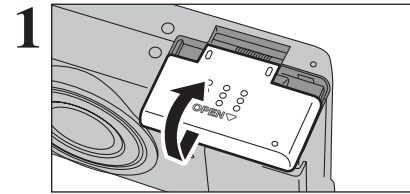
Check that the camera is turned off (viewfinder lamp is off) before opening the battery cover.

🔷 If opening the battery cover while the camera is still on, the camera will turn off.
🔷 Do not apply force to the battery cover.

Do not open the battery cover while the camera is on. This could damage the **xD-Picture Card** or ruin the image files on the **xD-Picture Card**.

2

Indicator

Indicator

Battery release catch
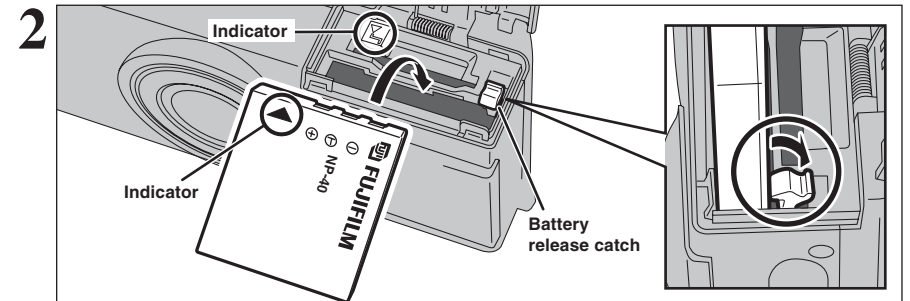
Hold the battery so that the indicators are aligned, use your finger to pull the battery release catch in the direction shown and load the battery. Check that the battery is firmly held in place.

3
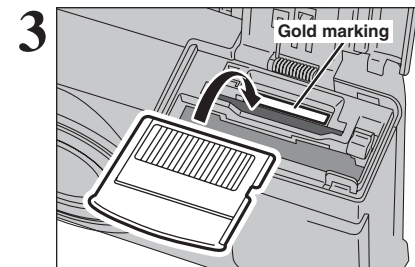
Gold marking

Align the gold marking on the xD-Picture Card slot with the gold contact area on the **xD-Picture Card** and push the card firmly all the way into the slot.

🔷 If the **xD-Picture Card** is oriented incorrectly, it will not go all the way into the slot. Do not apply force when inserting an **xD-Picture Card**.

LOADING THE BATTERY AND THE MEDIA

4

Close the battery cover.

◆ **How to replace the xD-Picture Card** ◆

Push the **xD-Picture Card** into the slot and then slowly remove your finger. The lock is released and the **xD-Picture Card** is pushed out.

Checking the battery charge

Turn the camera on and check whether the battery level warning (◧, ◧ or ▭) appears on the LCD monitor.

① ▰ Lit white
② ▱ Lit white
③ ▯ Lit red
④ ▭ Blinking red

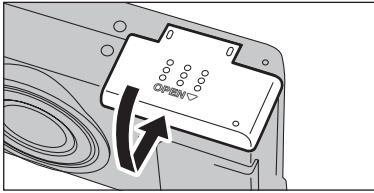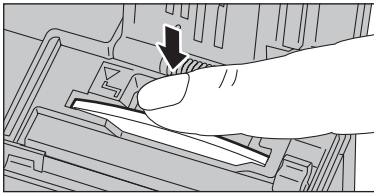① There is ample battery charge. (Only displayed for 3 seconds when the camera is turned on or the mode is changed.)
② The battery is almost half charged. (Only displayed for 3 seconds when the camera is turned on or the mode is changed.)
③ There is insufficient charge left in the battery. The battery will soon run out. Have a new battery ready.
④ The battery is depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the battery.

"▰", "▱" or "▯" appears as a small icon on the right-hand side of the LCD monitor.

⏺ Depending on the camera mode and the type of batteries used, the transition from "▱" to "▯" may occur more quickly.
⏺ Due to the nature of the battery, the battery level warning may appear early when the camera is used in cold locations. This is normal. Try warming the battery in your pocket or a similar location before use.

"▭" appears as a large icon on the LCD monitor.

⏺ Battery with no remaining charge ("▭" blinking red) may cause camera faults such as the camera turning itself off without retracting the lens. Always load a new or fully charged battery.

◆ **Power save function** ◆
When this function is active, it also turns off the LCD monitor (sleep mode) to reduce power consumption if the camera is not used for 60 seconds (➡P.88). If the camera is then left unused for 2 or 5 minutes, the Power save function turns the camera off. To turn the camera back on, set the Power switch to "OFF" briefly and then back to "📷" or "▶".
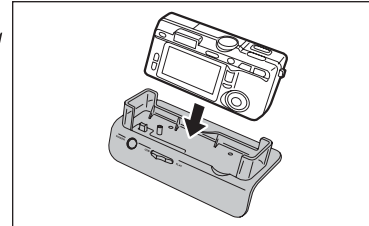
12

CHARGING THE BATTERY

Charging battery with Cradle

1
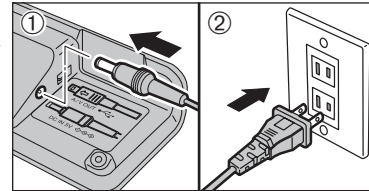
① Plug the AC power adapter connector into the "DC IN 5V" socket.
② Plug the AC power adapter into a power outlet.

2

Check that the camera is turned off. Set the camera into the cradle.

⏺ Plug the camera securely into the Cradle connection socket.

3
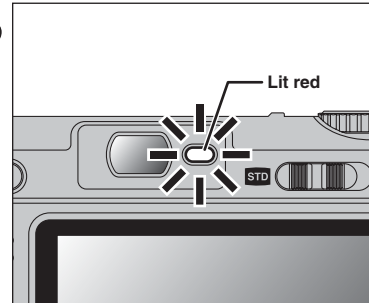
Lit red

The viewfinder lamp lights red and battery charging begins. When charging is completed, the viewfinder lamp turns off.

● **Full recharging times for completely depleted battery**
At an ambient temperature of +21°C to +25°C (+70°F to +77°F)
NP-40: approx. 2 hours

⏺ Charging times increase at low temperatures.
⏺ If the viewfinder lamp blinks during charging, a charging error has occurred and the battery cannot be charged. If this occurs, see P.120.
⏺ Turning the camera on during charging interrupts the charging.
⏺ Use the BC-65 Battery Charger (sold separately) to charge battery more quickly (➡P.114).

4
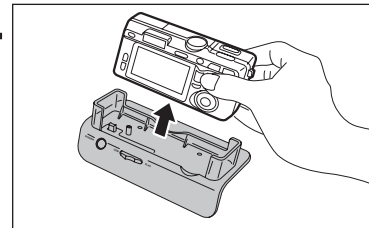
Remove the camera from the cradle.

◆ **Charging the battery** ◆
When you try to charge the battery immediately after the camera has been used continuously for a long period (e.g. shooting a movie or connected to a PC), charging may not begin soon (the viewfinder lamp does not turn red).
This is not a fault, but is for protecting the battery from being charged while it is warm. Batteries may degrade when charged at high temperatures.
Leave the camera connected to the AC power adapter or set in its cradle, and charging will automatically begin within 25 minutes.

13

Charging battery without Cradle

1

DC IN 5V socket

Check that the camera is turned 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.
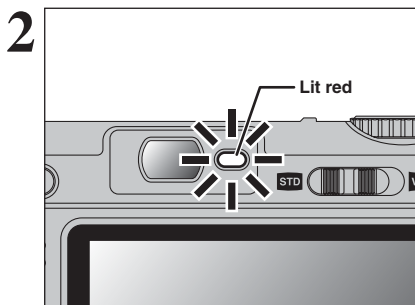
2

Lit red

The viewfinder lamp lights red and battery charging begins. When charging is completed, the viewfinder lamp turns off.

● **Full recharging times for completely depleted battery**

At an ambient temperature of +21°C to +25°C (+70°F to +77°F)

NP-40: approx. 2 hours

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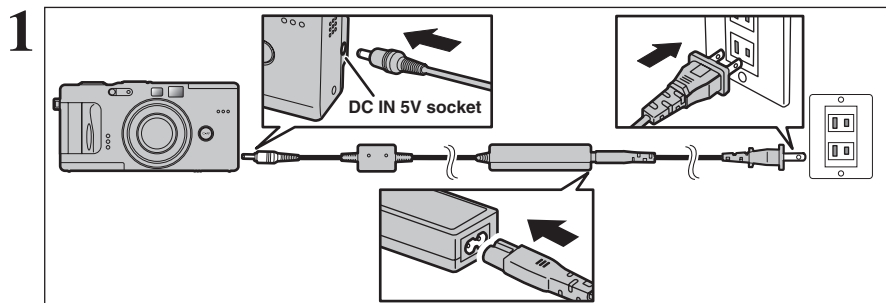
◆ **Charging the battery** ◆

When you try to charge the battery immediately after the camera has been used continuously for a long period (e.g. shooting a movie or connected to a PC), charging may not begin soon (the viewfinder lamp does not turn red).

This is not a fault, but is for protecting the battery from being charged while it is warm. Batteries may degrade when charged at high temperatures.

Leave the camera connected to the AC power adapter or set in its cradle, and charging will automatically begin within 25 minutes.

### Using the AC Power Adapter

Use the AC power adapter to avoid losing power at inconvenient times, such as when downloading photographed images to the PC. You can take pictures and play back images without worrying about depleting the battery.

● **Compatible AC power adapters**

AC-5VW (included)
AC-5VH (sold separately)
AC-5VHS (sold separately)

- Always use the FUJIFILM products listed on the left.
- See P.116 for notes on using the AC power adapter.
- Only connect or disconnect the AC power adapter when the camera is off.
  Connecting or disconnecting the AC power adapter while the camera is on temporarily interrupts the power supply to the camera, so that images or movies being shot are not recorded. Failing to turn the camera off first can also result in damage to the **xD-Picture Card** or malfunctions during PC connection.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The shape of the plug and socket-outlet depends on the country of use.

14

1

OFF ▶ ☐

STD
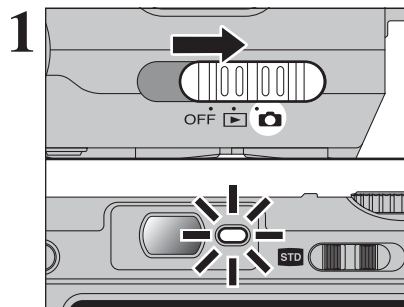
Slide the Power switch to turn the camera on and off. When turning the camera on, the viewfinder lamp lights green.

The lens moves when the camera is in "☐" mode. Take care not to obstruct the lens. Obstructing the lens will cause damage and "ZOOM ERROR" or "FOCUS ERROR" will appear. Take care also not to get fingerprints on the camera lens as this will result in impaired image quality in your shots.

2

DATE/TIME NOT SET

OK SET   BACK NO
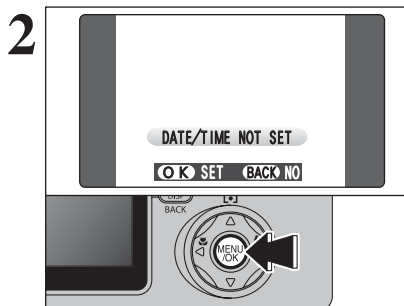
After purchasing the camera, first time when turning camera on, the date and time are cleared. Press the "MENU/OK" button to set the date and time.

- If the message (see figure at left) does not appear, refer to "Correcting the date and time" (➡P.16) and check and correct the date and time settings.
- The message also appears when the camera battery has been removed and the camera has been left for a long period.
- To set the date and time later, press the "DISP (BACK)" button.
- If you do not set the date and time, this message will appear each time you turn the camera on.

3

DATE/TIME
YYYY.MM.DD
2004 . 1 . 1
12 : 00 AM
OK SET   BACK CANCEL

① ②
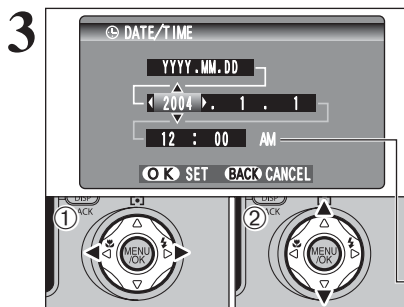
① Press "◀" or "▶" to select Year, Month, Day, Hour or Minute.
② Press "▲" or "▼" to correct the setting.

- Holding down "▲" or "▼" changes the numbers continuously.
- When the time displayed passes "12:00", the AM/PM setting changes.

4

DATE/TIME
YYYY.MM.DD
2004 . 7 . 1
12 : 00 AM
OK SET   BACK CANCEL
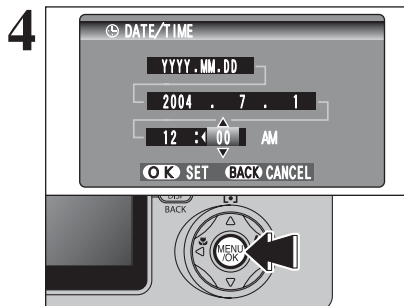
Once you have set the date and time, press the "MENU/OK" button. Pressing the "MENU/OK" button changes the camera to Photography or Playback mode.

- At the time of purchase and after leaving the camera for a long period with the battery removed, settings such as the date and time are cleared. Once the AC power adapter has been connected or the battery has been fitted for 2 hours or more, the camera settings will be retained for roughly 6 hours even if both sources of camera power are removed.
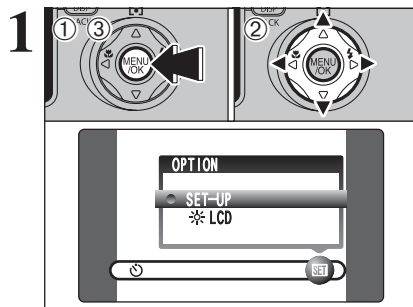
15

1

Getting Ready

1

① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "🖾" OPTION and then press "▲" or "▼" to select "SET-UP".
③ Press the "MENU/OK" button.

OPTION
SET-UP
☀ LCD
SET

2

SET-UP
1 **2** 3 4
🔊 BEEP : ◀🔊◁
🔊 SHUTTER : ◀🔊◁
DATE/TIME SET ▶
TIME DIFFERENCE :SET
OK SET BACK CANCEL

① Press "◀" or "▶" to move to option 2 and then press "▲" or "▼" to select "DATE/TIME".
② Press "▶".

3

🕐 DATE/TIME
YYYY.MM.DD
◀ 2004 ▶. 7 . 1
12 : 00 AM
OK SET BACK CANCEL

Correcting the date and time

① Press "◀" or "▶" to select Year, Month, Day, Hour or Minute.
② Press "▲" or "▼" to correct the setting.
③ Always press the "MENU/OK" button after the settings are completed.

🔧 Holding down "▲" or "▼" changes the numbers continuously.
🔧 When the time displayed passes "12:00", the AM/PM setting changes.

🕐 DATE/TIME
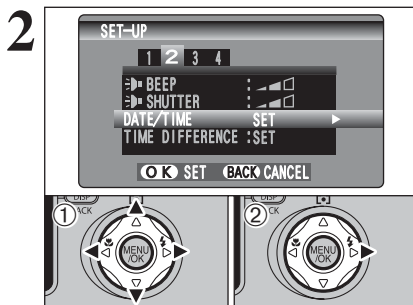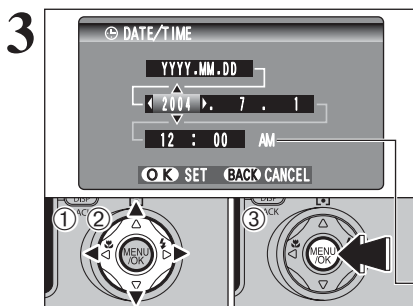MM/DD/YYYY ▶
7 / 1 / 2004
12 : 00 AM
OK SET BACK CANCEL
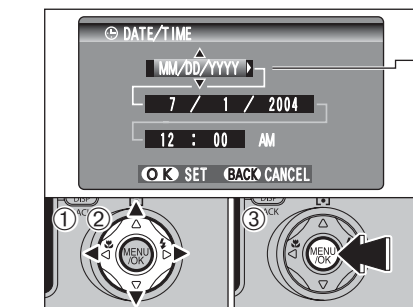
Changing the date order

① Press "◀" or "▶" to select the date order.
② Press "▲" or "▼" to set the order. Refer to the table below for details of the settings.
③ Always press the "MENU/OK" button after the settings are completed.

Date order	Explanation
YYYY.MM.DD	Displays the date in the "year. month. day" format.
MM/DD/YYYY	Displays the date in the "month / day / year" format.
DD.MM.YYYY	Displays the date in the "day. month. year" format.
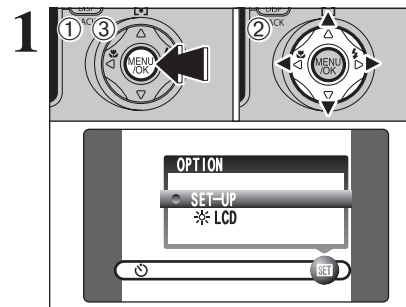
1

① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "🖾" OPTION and then press "▲" or "▼" to select "SET-UP".
③ Press the "MENU/OK" button.

OPTION
SET-UP
☀ LCD
SET

2

SET-UP
1 2 3 **4**
言語/LANG. ENGLISH ▶
VIDEO SYSTEM :NTSC
📷 RESET :OK
OK SET BACK CANCEL
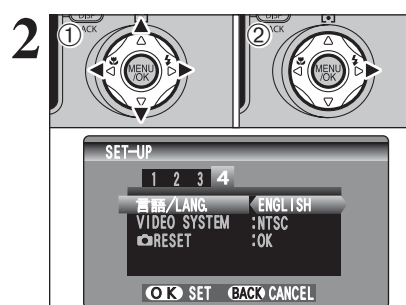
① The "SET-UP" screen appears. Press "◀" or "▶" to move to option 4 and then press "▲" or "▼" to select "言語/LANG. ".
② Press "▶" to select "ENGLISH", "FRANCAIS", "DEUTSCH", "ESPAÑOL", "中文" or "日本語". Press "▶" to cycle through the language settings.

🔧 The screens in this manual are shown in English.
🔧 See P.86 for more information on the "🖾" OPTION menu.

1

Getting Ready

This section describes the camera's functions.

● Photography mode selector

Turn the Mode dial to select the Photography mode.

AUTO	Auto	P	Programmed Auto

Scene position

	Portrait	S	Shutter-priority Auto
	Landscape	A	Aperture-priority Auto
	Sports	M	Manual
	Night scene		Movie

Still photography

Movie recording
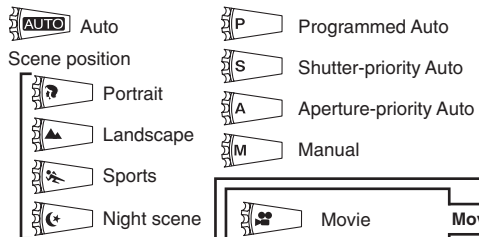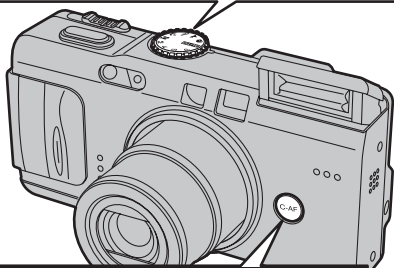
● Photo mode "F" button

Photography: Select the quality mode, sensitivity and FinePix COLOR settings.
Playback: Specify the print order (DPOF) settings.

● C-AF button

While "C-AF" button is held down, the camera continuously focuses on the main subject inside the AF frame. Use this button when taking pictures of a moving subject.

● WIDE/STD switch

Change the setting to WIDE or STD.
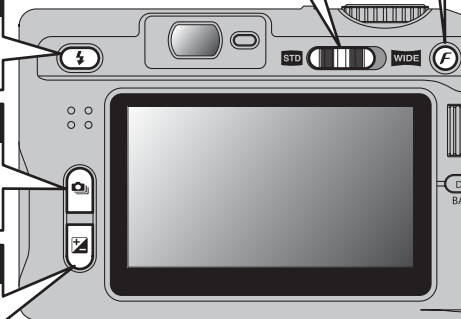
● Flash pop-up button

To use the flash, press the flash pop-up button to release the flash.

● Continuous shooting button

With the "" button held down, turn the Command dial to select the Continuous shooting mode.

● Exposure compensation button

With the "" button held down, turn the Command dial to select the exposure compensation.

● Command dial

Photography: In Photography mode, turn the Command dial to select program shift and specify settings such as the shutter speed and aperture.

Playback: Change frame.

● Zoom button

Photography: Press "T" to zoom in (telephoto).
Press "W" to zoom out (wide-angle).
Playback: Press "T" to enlarge the image.
Press "W" to revert to normal display.

● DISP (BACK) button

DISP: Press this button to select the LCD monitor display.

BACK: Press this button to stop a procedure midway through.

● Photometry / ▲ button

Photography: ▲ button   Sets the photometry ([•]).

● ◀▶ button

Photography: ◀ button   Turns Macro () on and off.
▶ button   Sets the flash ().
Playback: Change frame or movie frame advance.

● Using the Menus

①Display the menu.
Press the "MENU/OK" button.

②Select a menu option.
Press the left or right arrow on the 4-direction button.
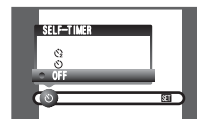
③Select a setting.
Press the up or down arrow on the 4-direction button.
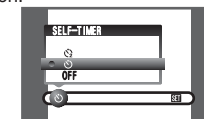
④Confirm the setting.
Press the "MENU/OK" button.

◆ **Displaying the on-screen help** ◆

Instructions for the next step in the procedure appear at the bottom of the LCD monitor. Press the button indicated.
For example, to trim the image as shown in the figure at right, press the "MENU/OK" button.
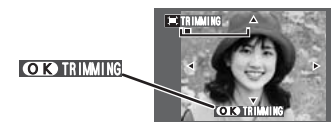
Up, down, left and right are indicated by black triangles in the Owner's Manual. Up or down is shown as "▲" or "▼", and left or right is shown as "◀" or "▶".

CHANGE THE SETTING TO WIDE / STD

STD (Standard mode) shooting

Slide the "WIDE/STD" switch to the side to "▦".

WIDE (Widescreen mode) shooting

Slide the "WIDE/STD" switch to the side to "▦".

⚠ Check the quality mode when the camera changes to Widescreen mode shooting or Standard mode (normal) shooting.
⚠ Do not take a picture on Widescreen mode shooting when CCD-RAW mode is selected (➡P.91).

◆ **Area shot and quality setting** ◆

Area shot with STD	Area shot with WIDE

As well as taking pictures in the STD aspect ratio of 4:3, WIDE shooting also provides an aspect ratio of 16:9.
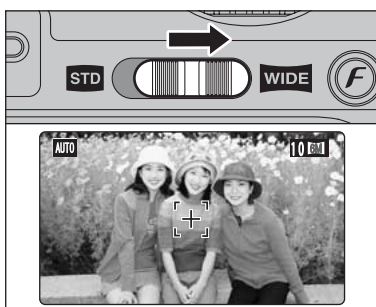Images with a 16:9 aspect ratio are obtained by trimming the top and bottom edges off a STD image. As a result, the quality setting automatically changes when WIDE shots are taken.

■ Quality settings

	STD (Standard mode (normal) shooting)	WIDE (Widescreen mode shooting)
Still photography	12M F, N (4048 × 3040 pixels)	8M F, N (3968 × 2232 pixels)
	6M (2848 × 2136 pixels)	6M (3200 × 1800 pixels)
	3M (2048 × 1536 pixels)	3M (2304 × 1296 pixels)
	2M (1600 × 1200 pixels)	2M (2048 × 1152 pixels)
	03M (640 × 480 pixels)	03M (768 × 432 pixels)
Movie	640 (640 × 480 pixels) 320 (320 × 240 pixels)	640 (640 × 360 pixels) 320 (320 × 184 pixels)

◆ **Using viewfinder for Widescreen mode shooting** ◆
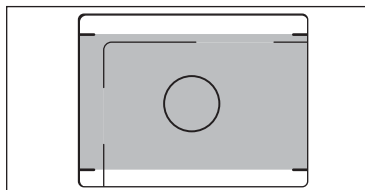
When a picture is taken at a distance of 1.5 m (4.9 ft.) to infinity, only the shaded area in the figure is photographed.

⚠ For more precise shot framing or close-up shots, use the LCD monitor to take the picture.
⚠ When the zoom is set to wide-angle, the end of the lens may be visible in the viewfinder. This is normal and is not recorded in the shot.

◆ **Images (WIDE and STD) shot** ◆

■ LCD monitor (during playback)

Shows the image as seen on the LCD monitor. Because the aspect ratio of the LCD monitor is 16:9, the WIDE image appears as a full-screen image.

STD	WIDE

■ PC

Shows the image as it appears in thumbnail view in FinePixViewer. WIDE images appear with a 16:9 aspect ratio even in thumbnail view.

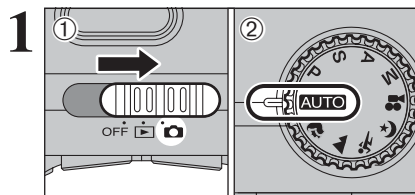| STD	WIDE

■ TV

Shows the image as it appears on a normal TV or wide-screen TV. On some TVs, black margins may appear on the screen.

| STD		WIDE	
4:3 TV ＊	16:9 wide-screen TV	4:3 TV	16:9 wide-screen TV

＊ Images are displayed on a TV as full-screen images when viewed using Auto Play (automatic playback) (➡P.69).

1

① Set the Power switch to "📷".
② Set the Mode dial to "AUTO".

● **Focal range**
 Approx. 60 cm (2.0 ft.) to infinity

⏺ Use Macro mode for subjects closer than 60 cm (2.0 ft.) (➡P.43).
⏺ When "CARD ERROR", "CARD NOT INITIALIZED", "CARD FULL" or "NO CARD" appears, see P.118.

2
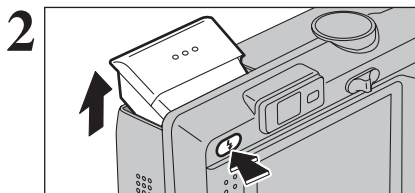
Press the Flash pop-up button to pop up the flash.

⏺ When the flash pops up, the image may disappear and go dark briefly due to flash charging. The viewfinder lamp blinks orange during charging.
⏺ If the flash is used in dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes. Use Suppressed flash mode.
⏺ When the camera is turned off, the flash is closed.

3
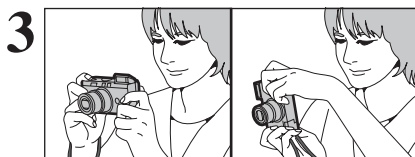
Brace your elbows against your sides and hold the camera with both hands. Position your right thumb so that it is handy for using the zoom.

⏺ Moving the camera while shooting gives a blurred picture (camera shake). Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.
⏺ There may be some uneven brightness at the lower edge of the LCD monitor. This is normal and does not affect the image.

4
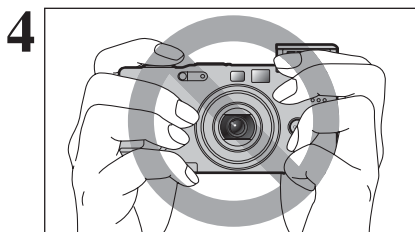
Hold the camera so that your fingers or the strap do not cover the lens, flash, AF-Assist illuminator or flash control sensor. If the lens, flash, AF-Assist illuminator or flash control sensor is obscured, the brightness (exposure) of your shot may be incorrect.

⏺ Check that the lens is clean. If it is dirty, clean the lens as informed on P.115.

5

W T

AUTO 10 GM
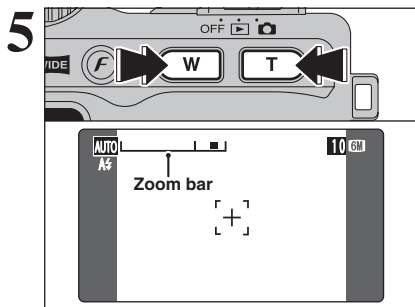
Zoom bar

Press "**T**" (telephoto) button to zoom in. Press "**W**" (wide-angle) button to zoom out. A zoom bar appears on the LCD monitor.

● **Optical zoom focal length (35 mm camera equivalent)**
 STD (Standard mode): approx. 32.5 mm-130 mm
 WIDE (Widescreen mode): approx. 35.5 mm-142 mm
 Max. zoom scale: 4×

⏺ Zooming pauses briefly when the camera changes between optical zoom and digital zoom (➡P.27). Press the same Zoom button again to change zoom modes.

6

AUTO 10 GM

AF frame
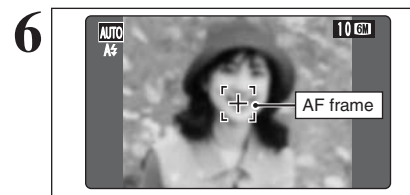
Use the LCD monitor to frame the shot so that the subject fills the entire AF (Autofocus) frame.

⏺ The image shown on the LCD monitor before the picture is taken may differ in brightness, color, etc. from the image actually recorded. Play back the recorded image to check it (➡P.29).
⏺ The subject may sometimes be difficult to see clearly on the LCD monitor (in bright sunlight or dimly lit scenes, etc.). If so, use the viewfinder to take the picture.

7

Bebeep

STD

250 F5. 6
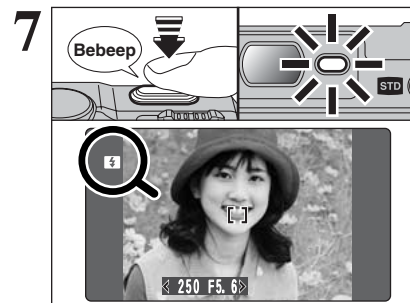
Press the shutter button down halfway. When a short double-beep is heard, the camera focuses on your subject. The AF frame on the LCD monitor becomes smaller and the camera sets the shutter speed and aperture. The viewfinder lamp (green) changes from blinking to lit.

⏺ When a short double-beep is hard and "!AF" appears on the LCD monitor, the camera cannot focus.
⏺ Pressing the shutter button down halfway freezes the image on the LCD monitor briefly. This image is not the recorded image.
⏺ When "!AF" appears on the LCD monitor (e.g. the shot is too dark for the camera to focus), try standing about 2 m (6.6 ft.) from the subject to take the picture.

Before the flash fires, "⚡" appears on the LCD monitor.

8
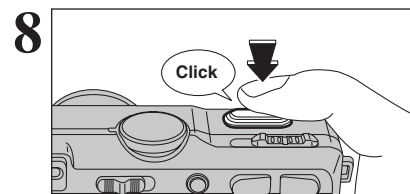
Click

Press the shutter button down fully. When a clicking noise is heard, the camera records the image.

⏺ There is a slight delay between the shutter button being pressed and the picture being taken. Playback the shot to check the image.
⏺ When pressing the shutter button down fully in one motion, the picture is taken without the AF frame changing.
⏺ When the camera takes the picture, the viewfinder lamp lights orange (shooting disabled). The viewfinder lamp then turns green and the next picture can be taken.
⏺ When taking a picture using the flash, the image may disappear and go dark briefly due to flash charging. The viewfinder lamp blinks orange during charging.
⏺ See P.118, 119 for information on the warning displays.

◆ **Subjects not suitable for autofocus** ◆

The FinePix F810 uses a high-precision autofocusing mechanism. However, it may have difficulty focusing on the following:

● 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
● Dark subjects
● Fast moving subjects
● Subjects with little or no contrast between the subject and the background (such as white

walls or subjects dressed in the same color as the background)
● Shots where another high-contrast object (not the subject) is close to the AF frame and is either closer or further away from your subject (such as a shot of someone against a background with strongly contrasting elements)

For such subjects use AF/AE lock (➡P.26).

2

Using the Camera
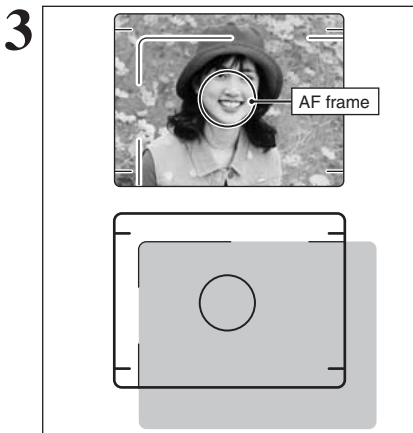
USING VIEWFINDER

1
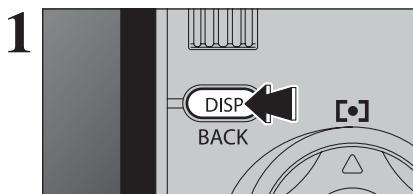
To take pictures using the viewfinder, press the "DISP (BACK)" button to turn the LCD monitor off. Turning the LCD monitor off conserves battery power.

DISP
BACK

The viewfinder cannot be used to take shots in Macro mode.

2

Brace your elbows against your sides and hold the camera with both hands. Position of your right thumb so that it is handy for using the zoom.

Moving the camera while shooting gives a blurred picture (camera shake). Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.

3

Frame the shot so that the subject fills the entire AF (Auto Focus) frame. When a picture is taken at a distance of approx. 0.6 m to 1.5 m (2.0 ft. to 4.9 ft.) using the viewfinder, only the shaded area in the figure is photographed.

AF frame

For more precise shot framing, use the LCD monitor to take the picture.
When the zoom is set to wide-angle, the end of the lens may be visible in the viewfinder. This is normal and is not recorded in the shot.

VIEWFINDER LAMP DISPLAY

Display	Status
Lit green	Ready to shoot
Blinking green	AF/AE is in progress, camera shake warning or AF warning (ready to shoot)
Blinking green and orange alternately	Recording to **xD-Picture Card** (ready to shoot)
Lit orange	Recording to **xD-Picture Card** (not ready)
Blinking orange	Charging the flash (flash will not fire)
Blinking green (1-second intervals)	Camera in Power Save mode (➡P.88)
Lit red	Battery charging is in progress
Blinking red	• **xD-Picture Card** Warnings No card inserted, card not formatted, incorrect format, card full, **xD-Picture Card** error • Lens operation error

✽ Detailed warning messages appear on the LCD monitor (➡P.118, 119).

AF-ASSIST ILLUMINATOR
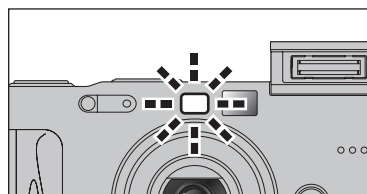
Press the shutter button down halfway in dimly lit conditions. The camera fires the AF-assist illuminator (green) to allow easier focusing.
Note that the effective range decreases for telephoto shots.

The camera focuses most easily when a picture is taken at a distance of around 1.7 m (5.6 ft.) with wide-angle zoom setting.
See P.86 for information on turning the AF-assist illuminator off.

NUMBER OF AVAILABLE FRAMES

AUTO   10 6M
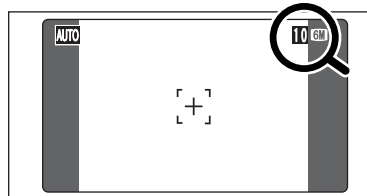
The number of available frames appears on the LCD monitor.

See P.53 for information on changing the quality setting.
The default quality "◆" set at shipment is "6M".

■ Standard number of frames per **xD-Picture Card**

The table below shows the standard number of frames for a new **xD-Picture Card** formatted on the camera. The larger the **xD-Picture Card** capacity, the bigger the difference between the actual number of frames and the number shown here. Also, the size of an image file varies depending on the subject. So the number of remaining shots may decrease by 2 or may remain the same. For this reason, the number displayed may not show the actual number of frames.
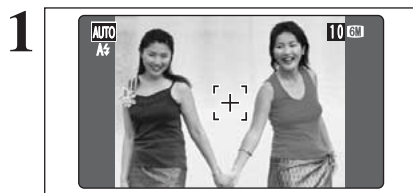
STD (Standard mode)

Quality setting	12M F	12M N	6M	3M	2M	03M	RAW
Number of recorded pixels	4048 × 3040	4048 × 3040	2848 × 2136	2048 × 1536	1600 × 1200	640 × 480	4048 × 3040
DPC-16 (16 MB)	3	6	10	19	25	122	1
DPC-32 (32 MB)	6	12	20	40	50	247	2
DPC-64 (64 MB)	12	26	42	81	101	497	4
DPC-128 (128 MB)	26	52	84	162	204	997	9
DPC-256 (256 MB)	52	105	169	325	409	1997	19
DPC-512 (512 MB)	105	211	339	651	818	3993	39

WIDE (Widescreen mode)

Quality setting	8M F	8M N	6M	3M	2M	03M
Number of recorded pixels	3968 × 2232	3968 × 2232	3200 × 1800	2304 × 1296	2048 × 1152	768 × 432
DPC-16 (16 MB)	4	8	10	20	22	109
DPC-32 (32 MB)	8	17	22	41	44	220
DPC-64 (64 MB)	18	36	44	84	90	442
DPC-128 (128 MB)	36	72	89	169	181	886
DPC-256 (256 MB)	73	146	179	339	362	1775
DPC-512 (512 MB)	146	292	358	679	725	3549

2

Using the Camera

USING AF/AE LOCK

1

In this shot, the subjects (two people in this case) are not in the AF frame. Taking the picture at this point will result in the subjects being out of focus.

2
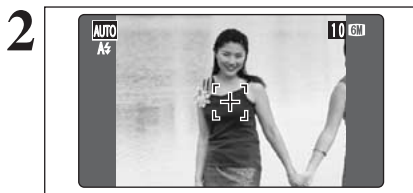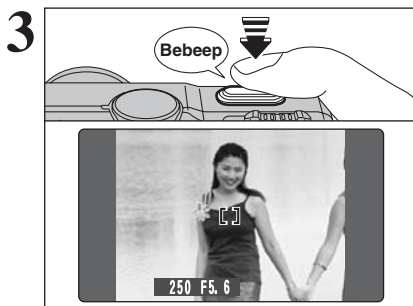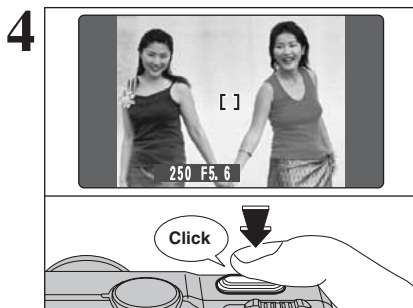
Move the camera slightly so that one of the subjects is in the AF frame.

3

Bebeep

Press the shutter button down halfway (AF/AE lock). When a short double-beep is heard, the camera focuses on your subject. The AF frame on the LCD monitor becomes smaller and the camera sets the shutter speed and aperture. The viewfinder lamp (green) changes from blinking to lit.

250 F5. 6

4

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

250 F5. 6

Click

◆ AF/AE lock can be applied repeatedly before the shutter is released.
◆ Use AF/AE lock in all Photography modes to make sure excellent results.

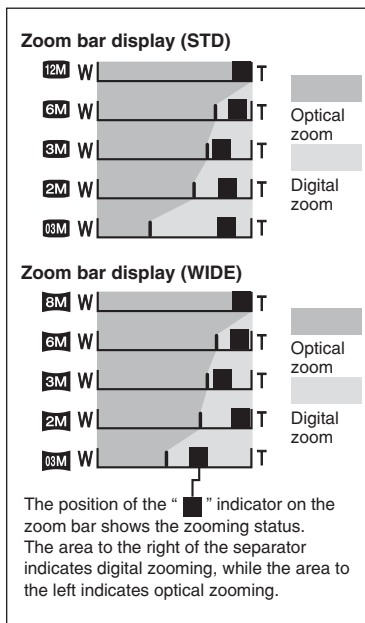◆ **AF (Autofocus)/AE (Auto-exposure) lock** ◆

On the FinePix F810, pressing the shutter button down half way fixes the focus and exposure settings (AF/AE lock). To focus on a subject that is off to one side or to set the exposure before composing the final shot, locks the AF and AE settings. Then compose and take the picture to get the best results.

USING THE ZOOM (OPTICAL ZOOM/DIGITAL ZOOM)

Zoom button

OFF

W   T
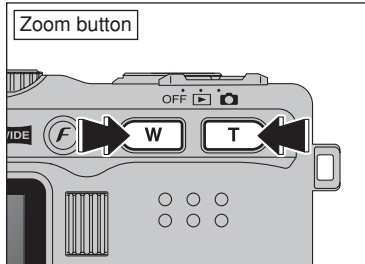
Press the Zoom buttons to zoom in and out.
The digital zoom can be used with other than the "12M" and "8M" quality settings.
When zooming changes between optical and digital, the position of the "■" indicator stops. Press the same Zoom button again to start the "■" indicator moving again.

◆ See P.53 for information on changing the quality setting.
◆ If the shot goes out of focus during zooming, hold the shutter button down halfway to refocus the shot.

Zoom bar display (STD)

12M	W	T
6M	W	T	Optical zoom
3M	W	T
2M	W	T	Digital zoom
03M	W	T

Zoom bar display (WIDE)

8M	W	T
6M	W	T	Optical zoom
3M	W	T
2M	W	T	Digital zoom
03M	W	T

The position of the " ■ " indicator on the zoom bar shows the zooming status.
The area to the right of the separator indicates digital zooming, while the area to the left indicates optical zooming.

● **Optical zoom focal length (STD)✲**
  Approx. 32.5 mm-130 mm, max. zoom scale: 4×

● **Digital zoom focal lengths (STD)✲**
  6M : approx. 130 mm-182 mm,
       max. zoom scale: approx. 1.4×
  3M : approx. 130 mm-260 mm,
       max. zoom scale: approx. 2.0×
  2M : approx. 130 mm-325 mm,
       max. zoom scale: approx. 2.5×
  03M : approx. 130 mm-819 mm,
       max. zoom scale: approx. 6.3×

● **Optical zoom focal length (WIDE)✲**
  Approx. 35.5 mm-142 mm, max. zoom scale: 4×

● **Digital zoom focal lengths (WIDE)✲**
  6M : approx. 142 mm-170 mm,
       max. zoom scale: approx. 1.2×
  3M : approx. 142 mm-241 mm,
       max. zoom scale: approx. 1.7×
  2M : approx. 142 mm-270 mm,
       max. zoom scale: approx. 1.9×
  03M : approx. 142 mm-738 mm,
       max. zoom scale: approx. 5.2×

✲ 35 mm camera equivalents

2

Using the Camera

BEST FRAMING (SHOOTING ASSISTANT FUNCTION)
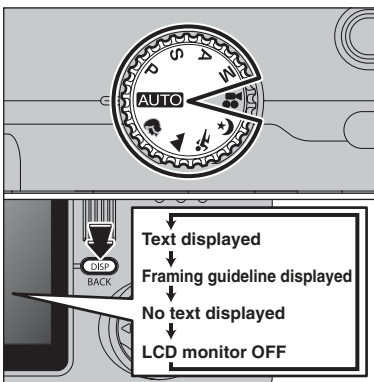
Select the framing guideline in the "AUTO", "🌷", "▲", "🎾", "Ɛ", "P", "S", "A" or "M" mode. Pressing the "DISP (BACK)" button changes the LCD monitor display. Press the "DISP (BACK)" button until "Framing Guideline" appears.

Text displayed
↓
Framing guideline displayed
↓
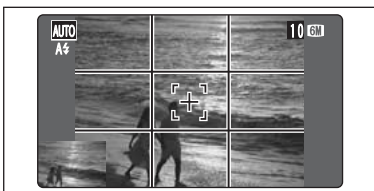No text displayed
↓
LCD monitor OFF

! In Macro mode, AF Area or Manual Focus is selected, the LCD monitor cannot be set to OFF.

◆ **Important** ◆
Always use AF/AE lock when composing a shot. The image may be out of focus if AF/AE lock is not used.
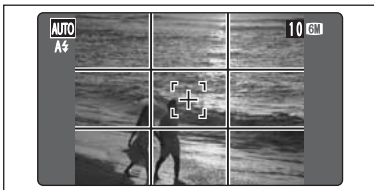
The framing guideline display consists of horizontal and vertical lines that divide the image on the LCD monitor into 9 frames.

When a picture is taken with the framing guideline displayed, the photographed image appears in the bottom left corner of the LCD monitor (assist window). This serves as a guide for taking other shots with similar compositions.

! Any of the following clears the image in the assist window:
• Setting the camera to Playback mode
• Trying to change the FinePix COLOR setting
• Changing to continuous shooting
• Displaying the SET-UP screen
• Connecting the USB cable
• Turning the camera off

Scene
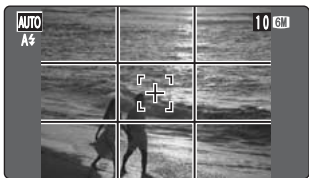
Position the main subject at the intersection of two lines in this frame or align one of the horizontal lines with the horizon. Use this frame as a guide to the subject's size and the balance of the shot while composing a shot.

! The framing guideline is not recorded on the image.
! The lines in the scene frame divide the image into 3 roughly equal parts horizontally and vertically. The resulting printed image may be shifted slightly from the scene frame.
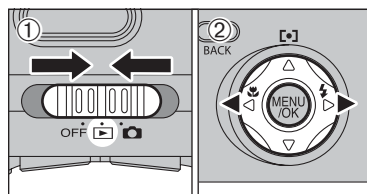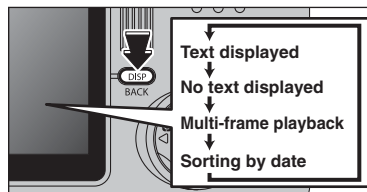

Single-frame playback

① Set the Power switch to "▶".
② Press "▶" to scan forward through your images. Press "◀" to scan backwards.

! Turn the Command dial to select the image.
! Set the Power switch to "▶" to play back the last shot.
! When the lens is extended during playback, the lens retracts as a protective measure if the camera is not used for 6 seconds.
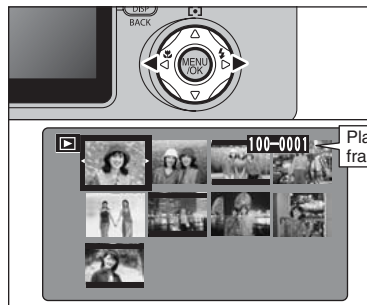
Selecting images

To select images on the thumbnail lists screen, hold down "◀" or "▶" for 1 second during playback.

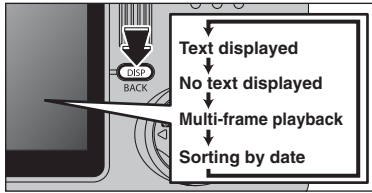Playback frame number

Multi-frame playback

In Playback mode, press the "DISP (BACK)" button to change the display shown on the LCD monitor. Press the "DISP (BACK)" button until the multi-frame playback screen (12 frames) appears.

Text displayed
↓
No text displayed
↓
Multi-frame playback
↓
Sorting by date
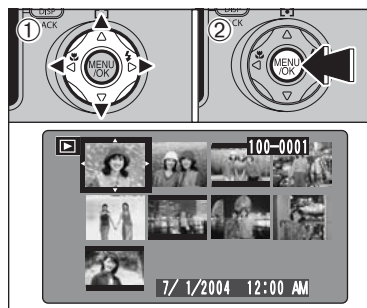
① Press "▲", "▼", "◀" or "▶" to move the cursor (orange frame) to the frame you want to select. Press "▲" or "▼" repeatedly to jump to the next page.
② Press the "MENU/OK" button to enlarge the image.

◆ **Still images viewable on the FinePix F810** ◆
This camera will display still images recorded on the FinePix F810 or still images (excluding some uncompressed images) recorded on any FUJIFILM digital camera that supports **xD-Picture Card**s.
Clear playback or digital zooming may not be possible for still images shot on cameras other than the FinePix F810.

2

Using the Camera

Text displayed
↓
No text displayed
↓
Multi-frame playback
↓
Sorting by date

Sorting by date

In Playback mode, press the "DISP (BACK)" button to change the display shown on the LCD monitor. Press the "DISP (BACK)" button until the sorting by date screen (9 frames) appears.

*Large number of images may take longer to appear.

Press "▲" or "▼" to move the cursor (orange frame) to select the date. Pressing "▲" or "▼" repeatedly changes to the next page.
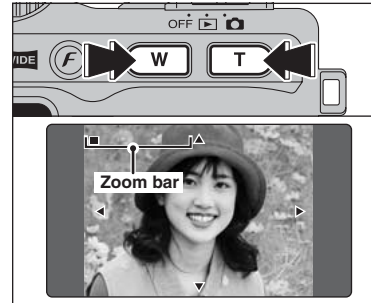When date is changed, the first frame taken on the date is selected.

7/ 1/2004
1/10

7/ 2/2004

7/ 3/2004

Photography date
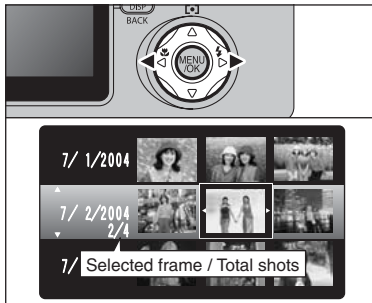
Press "▶" to view images in the date order.
Press "◀" to select the last frame when the cursor is on the first frame.

7/ 1/2004

7/ 2/2004
2/4

Selected frame / Total shots
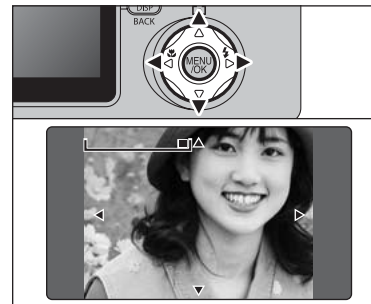
*Turn the Command dial to select the image.
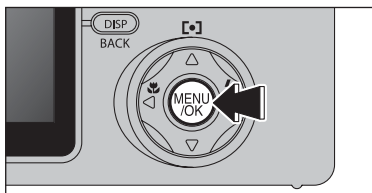
Press the "MENU/OK" button to enlarge the selected image.

Playback zoom

Press the Zoom button during single-frame playback to zoom (enlarge) the still image. A zoom bar appears.

Zoom bar

*Press the "DISP (BACK)" button to cancel playback zoom.

Press "▲", "▼", "◀" or "▶" to display another part of the image.

*Press the "DISP (BACK)" button to cancel playback zoom.

■ **Zoom scales (STD:Standard mode)**

Quality mode	Max. zoom scale
12M (4048 × 3040) pixels	Approx. 30.0×
6M (2848 × 2136) pixels	Approx. 21.1×
3M (2048 × 1536) pixels	Approx. 15.2×
2M (1600 × 1200) pixels	Approx. 11.9×
03M (640 × 480) pixels	Approx. 4.7×

■ **Zoom scales (WIDE:Widescreen mode)**

Quality mode	Max. zoom scale
8M (3968 × 2232) pixels	Approx. 22.0×
6M (3200 × 1800) pixels	Approx. 17.8×
3M (2304 × 1296) pixels	Approx. 12.8×
2M (2048 × 1152) pixels	Approx. 11.4×
03M (768 × 432) pixels	Approx. 4.3×

2 Using the Camera

1

Set the Power switch to "▶".

OFF ▶ ☐

2

① ②
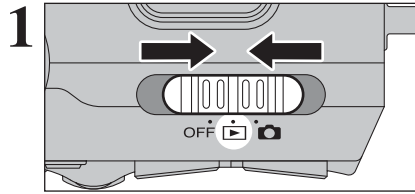
ERASE
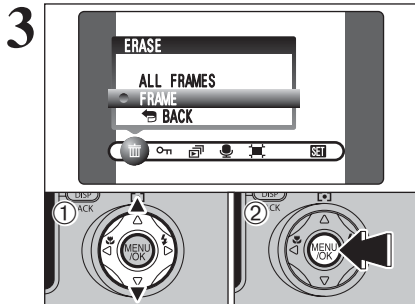ALL FRAMES
FRAME
BACK
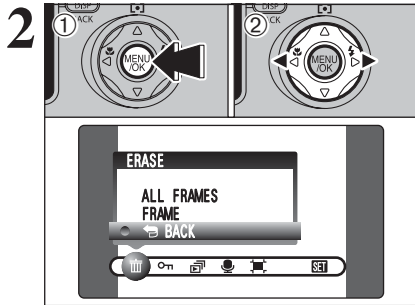
① Press the "MENU/OK" button during playback to display the menu on the LCD monitor.
② Press "◄" or "►" to select "🗑" ERASE.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.

3

ERASE
ALL FRAMES
FRAME
BACK

① ②

① Press "▲" or "▼" to select "FRAME".
② Press the "MENU/OK" button to confirm the selection.
See P.65 for information on "ALL FRAMES".

To return to single-frame playback, press "▲" or "▼" to select "🔙 BACK" and then press the "MENU/OK" button.

4

🗑 FRAME   100-0009

ERASE OK?
OK YES   BACK CANCEL

① ②
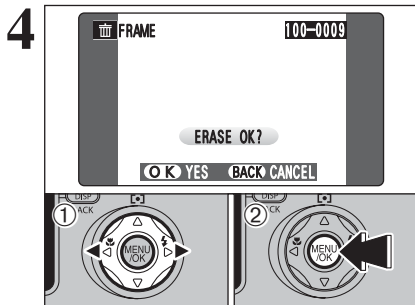
① Press "◄" or "►" to select the frame (file) to be erased.
② Press the "MENU/OK" button to erase the displayed frame (file).
To erase another image, repeat steps ① and ②.
Press the "DISP (BACK)" button to cancel single frame erasing.

Press the "MENU/OK" button repeatedly to erase consecutive image. Take care not to erase important images.
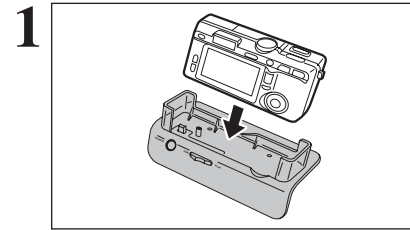
1

Set the camera into the cradle.

2

POWER
USB
PLAY

Set the "USB/PLAY" switch on the cradle to the "PLAY" position.

3

POWER
USB
PLAY

Press the "POWER" button on the cradle to turn the camera on in Playback mode.

4
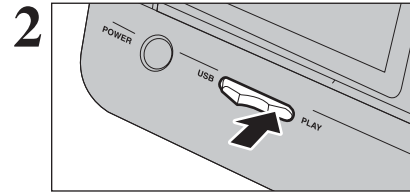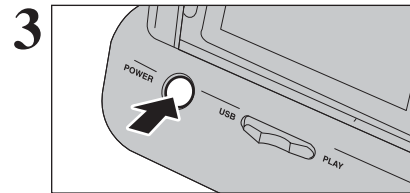
DISP (BACK) button

4-direction
(▲▼◄►) button
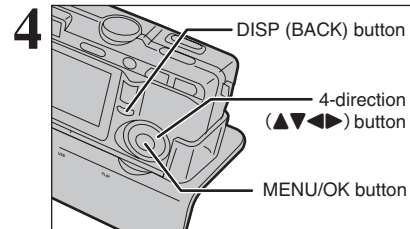
MENU/OK button

Press 4-direction (▲ ▼ ◄ ►) button, "MENU/OK" button or "DISP (BACK)" button on the camera to play back images. See P.29-30 for details.

2

Using the Camera

The distance from the subject to the camera is referred to as the shooting distance.
When the shooting distance is set correctly and the image appears sharp, the image is focused.

■ Two Focusing Methods: AF and MF.

The mechanisms for focusing are AF (Autofocus) and MF (Manual Focus).

AF: In this mode, the camera automatically focuses on the subject in the AF frame. The camera focuses when the shutter button is pressed down halfway.

MF: The focus is set manually. See P.62 for details.

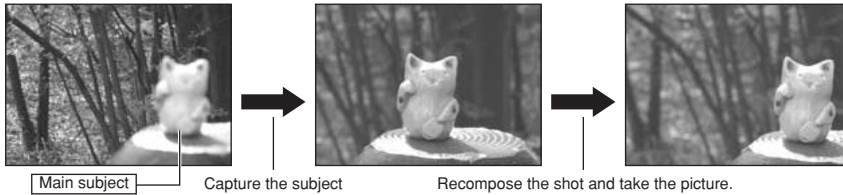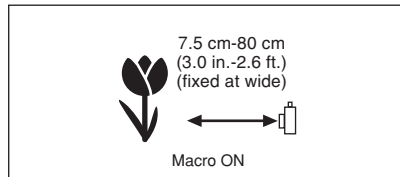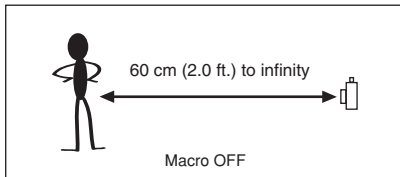### ■ Causes of focusing errors and the solutions

Cause	Solution
The subject is not in the AF frame.	Use AF lock (focus mode: AF (CENTER))∗1 or MF.
The subject is not suited to AF.	Use AF lock (focus mode: AF (CENTER))∗1 or MF.
The subject is outside the shooting range.	Turn Macro mode on or off∗2.
The subject is moving too quickly.	Use MF (pre-setting the shooting distance for a shot)

∗1 Taking pictures using AF lock

Press the shutter button down halfway to focus.

Main subject | Capture the subject | Recompose the shot and take the picture.

∗2 Turning Macro mode ON/OFF

60 cm (2.0 ft.) to infinity

Macro OFF

7.5 cm-80 cm
(3.0 in.-2.6 ft.)
(fixed at wide)

Macro ON

◆ Subjects not suitable for autofocus ◆

● 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
● Dark subjects
● Fast moving subjects

● Subjects with little or no contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background)
● Shots where another high-contrast object (not the subject) is close to the AF frame and is either closer or further away than your subject (such as a shot of someone against a background with strongly contrasting elements)

Exposure refers to the light that hits the CCD or the total amount of captured light and determines the brightness of the image.
The exposure is determined by the combination of aperture and shutter speed. In AE (automatic exposure), the camera determines the correct exposure, allowing for factors such as the brightness of the subject and the sensitivity setting.

Closed

(Aperture)

Open

Slow   (Shutter speed)   Fast
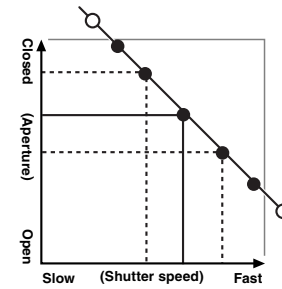
The graph at left shows the way the aperture and shutter speed settings can be changed while maintaining the same exposure level.
● When the aperture is decreased by one step, the shutter speed also decreases by one step (the dot moves upper left).
● When the aperture is increased by one step, the shutter speed also increases by one step (the dot moves lower right).
● Combinations that result in the shutter speed or aperture being outside the available range of settings cannot be selected (white dots).
● In the "P", "S" and "A" Photography modes, it is easy to select different settings along this line.
● Selecting settings that run parallel to this line by adjusting the brightness of the photographed image is referred to as exposure compensation.

◆ When you cannot get the correct exposure ◆

Exposure compensation
This function uses the exposure level set by the AE function as a reference (0) and then brightens (+) or darkens (−) the image. By selecting Auto bracketing, you can shoot 3 frames, one underexposed (−), one at the reference exposure (0) and one overexposed (+).

(−)   (0)   (+)

Shutter speed

When shooting a moving subject, you can either "freeze the motion" or "capture the sense of movement" by adjusting the shutter speed.
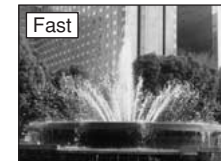
Fast | Freezes the motion of the subject.
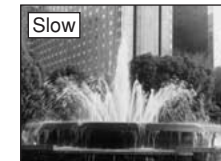
Slow | Photographs the traces left by the subject's movement.

Aperture

By adjusting the aperture, you can change the depth of focus (depth of field).

Closed | The area in front of and behind the subject is also in focus in the shot.

Open | The background is out of focus.

Main subject

3

Advanced Features

TAKING PICTURES — SELECTING THE CAMERA SETTINGS

Consider the scene you are photographing and the sort of image you want to achieve when you specify the camera settings. A general guide is given below.

1 Select the Photography mode (➡P.38-42, 80-81).

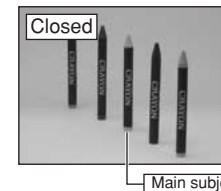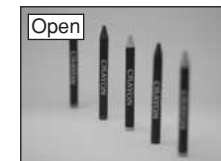|	
AUTO	Specifies all settings other than Quality, Sensitivity and FinePix COLOR on the camera.
❀/▲/❊/☾	Selects the best Scene position setting for the scene being shot.
P/S/A	Changes the aperture or shutter speed setting so that the action is frozen, so that the flow of the motion is conveyed, or so that the background is out of focus.
M	Adjusts all the camera settings yourself.
🎥	Records a movie.

2 Specify the photography settings (➡P.43-52).

♣	Macro	Uses for close-up shots.
⚡	Flash	Uses for shots in dark locations or for backlit subjects, etc.
[•]	Photometry	Use this mode for shots where the brightness of the subject and background differ markedly and the light is not metered as desired.
⬚	Exposure compensation	Uses the AE exposure as a reference value of 0, and this function brightens (+) or darkens (–) the shot.
⬛	Continuous shooting	Uses to take a series of continuous shots or to use auto bracketing (with exposure compensation).
C-AF	Continuous AF	Use C-AF when photographing moving subjects.

3 Take the pictures (check the exposure and focus ➡ adjust the shot composition ➡ press the shutter button down fully).

★ **You can use the menus for more detailed settings (➡P.53-63, 82).**

The table below provides a number of sample settings. Use the settings effectively.

To achieve this result	Sample settings
To express the motion of the subject	Set the Mode dial to "S" and select a slow shutter speed. (Use a tripod to avoid camera shake.)
To freeze the subject's movement	Set the Mode dial to "S" and select a fast shutter speed.
To make the subject stand out by having the background out of focus	Set the Mode dial to "A" and select a wide aperture setting.
To get a very large depth of focus	Set the Mode dial to "A" and select a narrow aperture setting.
To prevent the image having a red or blue cast due to the light source	Change the "White balance" setting in the photography menu.
To avoid missing snapshot opportunities	Take pictures in AUTO mode (see "Using the Camera").
To prevent the subject from being overexposed or underexposed and to show the substance and textures of the subject clearly.	Use exposure compensation. Select (+) if the background is pale and (–) if the background is dark.

36

■ List of functions available in each mode

Function / Photography mode			AUTO	❀ PORTRAIT	▲ LANDSCAPE	❊ SPORTS	☾ NIGHT SCENE	P	S	A	M	🎥
♣ Macro		P.43	YES	NO	NO	NO	NO	YES	YES	YES	YES	NO
⚡ Flash	A⚡ Auto Flash	P.45	YES	YES	NO	YES	NO	YES	NO	NO	NO	NO
	◉ Red-Eye Reduction	P.45	YES	YES	NO	NO	NO	YES	YES	YES	YES	NO
	⚡ Forced Flash	P.46	YES	YES	NO	YES	NO	YES	YES	YES	YES	NO
	S⚡ Slow Synchro	P.46	NO	YES	NO	NO	YES	YES	NO	YES	NO	NO
	🔆 Red-Eye + Slow Synchro	P.46	NO	YES	NO	NO	YES	YES	NO	YES	NO	NO
[•] Photometry	[◉] Multi	P.47	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO
	[•] Spot	P.47	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO
	[ ] Average	P.47	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO
⬚ Exposure Compensation		P.48	NO	NO	NO	NO	NO	YES	YES	YES	NO	NO
⬛ Continuous shooting Selections	⬛ Top 4-frame	P.50	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
	⬛ Auto Bracketing	P.50	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO
	⬛ Final 4-frame	P.50	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO
	⬛ Long-period (up to 40 frames)	P.51	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
C-AF Continuous AF		P.52	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO

✳ The flash cannot be used for continuous shooting.
✳ Long-period continuous shooting and high-sensitivity photography cannot be used together.
✳ C-AF and AF AREA cannot be used together.

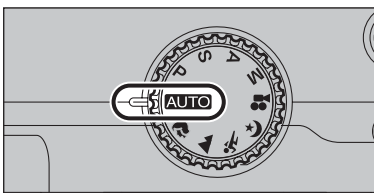### ■ List of menu options available in each mode

		Factory Defaults	AUTO	❀, ▲, ❊, ☾	P	S	A	M	🎥
FinePix Photo mode	✦ Quality	P.53, 82 — **6M**	YES	YES	YES	YES	YES	YES	YES ✳1
	🔲 ISO	P.54 — AUTO ✳2	YES	YES	YES	YES	YES	YES	NO
	⬛ FinePix COLOR	P.56 — F-STANDARD	YES	YES	YES	YES	YES	YES	NO
Menu Options	⏱ Self-timer	P.58 — OFF	YES	YES	YES	YES	YES	YES	NO
	WB White balance	P.59 — AUTO	NO	NO	YES	YES	YES	YES	NO
	▣ Focusing — AF (CENTER)	P.61	YES	YES	YES	YES	YES	YES	NO
	AF (MULTI)	P.61	NO	NO	YES	YES	YES	YES	NO
	AF AREA	P.62 — AF (CENTER)	NO	NO	YES	YES	YES	YES	NO
	MF	P.62	NO	NO	YES	YES	YES	YES	NO
	⬛ Bracketing	P.63 — ±1/3EV	NO	NO	YES	YES	YES	YES	NO
	S Sharpness	P.63 — NORMAL	NO	NO	YES	YES	YES	YES	NO
	⚡± Flash (brightness adjustment)	P.63 — ±0	NO	NO	YES	YES	YES	YES	NO

✳1 The factory default resolution for Movie mode is 320 × 240 pixels.
✳2 AUTO can only be set in "AUTO" mode.
✳ High-sensitivity photography and Long-period continuous shooting cannot be used together.
✳ AF AREA and continuous AF (C-AF) cannot be used together.

When shutter speed and aperture adjustments alone do not give the correct exposure.

When the image is too bright	**When the image is too dark**
Lower the 🔲 sensitivity setting.	Raise the 🔲 sensitivity setting. Use flash or the brightness adjustment function.

3

Advanced Features

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AUTO **AUTO /** 🙎 **PORTRAIT /**
▲▲ **LANDSCAPE /** 🏃 **SPORTS /** 🌙 **NIGHT SCENE**

AUTO **AUTO**

Set the Mode dial to "AUTO".
This is the easiest mode to use and can be used for most types of shot.

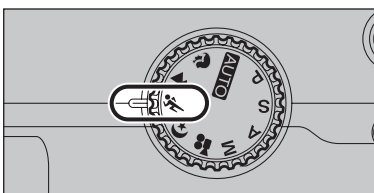💡 See P.37 for information on available flashes.

🙎 **PORTRAIT**
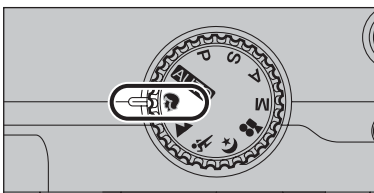
Set the Mode dial to "🙎".
This is the most suitable for shooting portrait. Skin tones are shown beautifully and the overall tone is soft.

💡 The camera selects the "100" sensitivity setting. Choose the sensitivity setting that best suits the conditions.
💡 See P.37 for information on available flashes.

▲▲ **LANDSCAPE**
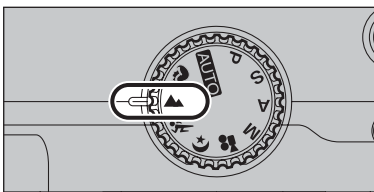
Set the Mode dial to "▲▲".
This mode is the best for shooting scenery in daylight and provides crisp, clear shots of scenery such as buildings and mountains.

💡 The camera selects the "100" sensitivity setting. Choose the sensitivity setting that best suits the conditions.
💡 Flash not available. When the flash is popped up, "⑤" appears.

🏃 **SPORTS**

Set the Mode dial to "🏃".
This is the most suitable for shooting sporting events. The priority to faster shutter speeds is given.

💡 The camera selects the "200" sensitivity setting. Choose the sensitivity setting that best suits the conditions.
💡 See P.37 for information on available flashes.

🌙 **NIGHT SCENE**
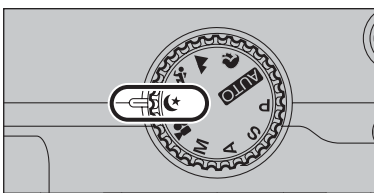
Set the Mode dial to "🌙".
This mode is the best for shooting evening and night scene. The priority to slow shutter speeds (up to 3 seconds) is given. To avoid camera shake, always use a tripod.

💡 The camera selects the "200" sensitivity setting. Choose the sensitivity setting that best suits the conditions.
💡 See P.37 for information on available flashes.

P **PROGRAMMED AUTO**
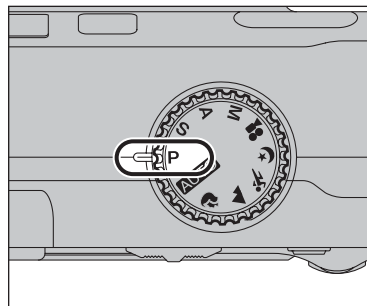
Set the Mode dial to "P".
This is an automatic mode to specify the settings except for the shutter speed and aperture setting. This is a simple way to take pictures the same as the Shutter-priority Auto and Aperture-priority Auto modes (Program shift).
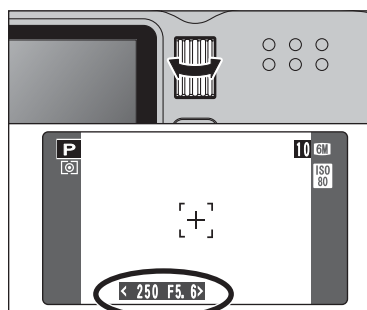
Program shift

Turn the Command dial to select different shutter speed and aperture setting combinations without changing the exposure setting. The shutter speed and aperture setting appear in yellow when the camera is in Program shift mode.

💡 Any of following cancels Program shift:
• Changing the Mode dial setting
• Popping the flash up
• Setting the camera to Playback mode
• Turning the camera off

◆ **The shutter speed and aperture setting display** ◆
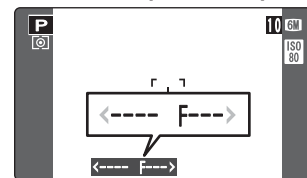
When the brightness of the subject is outside the camera's brightness metering range, "---" appears as the shutter speed and aperture setting on the LCD monitor.

3

Advanced Features
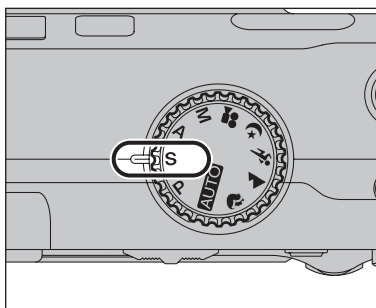
Set the Mode dial to "S".

This is an automatic mode to set the shutter speed. Use this mode for shots to freeze a moving subject (fast shutter speed) or convey the impression of movement (slow shutter speed).
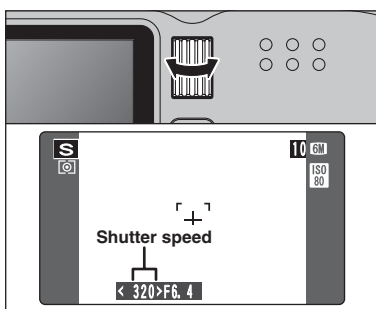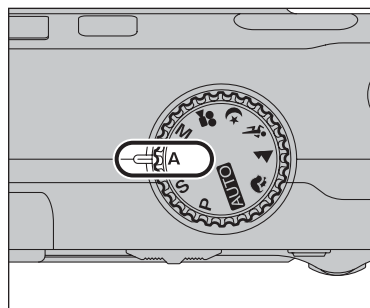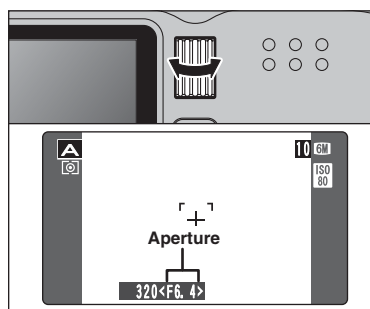
Setting the shutter speed

Turn the Command dial to select the shutter speed.

● **Shutter speed setting**
   3 sec. to 1/1000 sec. in 1/3 EV increments

Shutter speed

◆ **The shutter speed and aperture setting display** ◆

Overexposed

In scenes that are extremely overexposed, the aperture setting (F8) appears in red. When this occurs, select a faster shutter speed (up to 1/1000 sec.).

Underexposed

In scenes that are extremely underexposed, the aperture setting (F2.8) appears in red. When this occurs, select a slower shutter speed (down to 3 sec.).

Metering failed

When the brightness of the subject is outside the camera's brightness metering range, "F---" appears as the aperture setting. When this occurs, press the shutter button down halfway to measure the light level again and display a value.

Set the Mode dial to "A".

This is an automatic mode to set the aperture. Use this mode for shots to have the background out of focus (large aperture) or have both near and far objects in focus (small aperture).
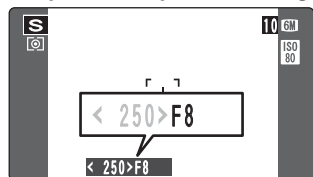
Setting the aperture

Turn the Command dial to select the aperture.

● **Aperture settings**
   Wide-angle: F2.8 to F8 in 1/3 EV increments
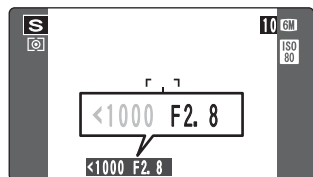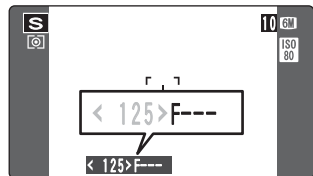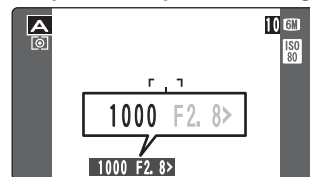   Telephoto: F5.6 to F8 in 1/3 EV increments

Aperture

◆ **The shutter speed and aperture setting display** ◆

Overexposed

In scenes that are extremely overexposed, the shutter speed setting (1/1000 sec.) appears in red. When this occurs, select a larger number of aperture (up to F8).

Underexposed

In scenes that are extremely underexposed, the shutter speed setting (1/4 sec.) appears in red. When this occurs, select a smaller number of aperture.
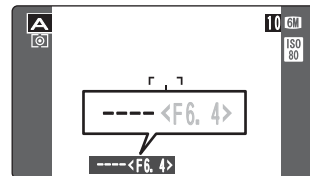
✐ When Forced flash mode is selected, the slowest available shutter speed is 1/60 sec.

Metering failed

When the brightness of the subject is outside the camera's brightness metering range, "----" appears as the shutter speed setting. When this occurs, press the shutter button down halfway to measure the light level again and display a value.
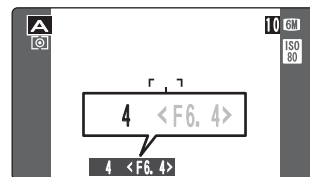
3

Advanced Features
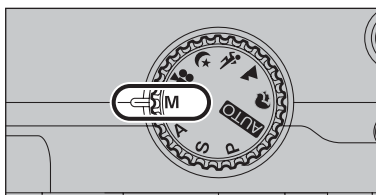
Set the Mode dial to "M".
Use Manual mode to set any shutter speed and aperture setting.

Setting the shutter speed

Turn the Command dial to select the shutter speed.

● **Shutter speed setting**
3 sec. to 1/2000 sec. in 1/3 EV increments

✐ See P.125 for information on EVs.
✐ Use a tripod to avoid camera shake.
✐ In shots with long exposures, noise (dots) may appear on the image.
✐ If the shutter speed is set to a speed faster than 1/1000 sec., the image may appear dark even if the flash is used.

Shutter speed

`< 500>F5, 6`

Setting the aperture

① Hold down the "☑" button.
② Turn the Command dial to select aperture.

● **Aperture settings**
Wide-angle: F2.8 to F8 in 1/3 EV increments
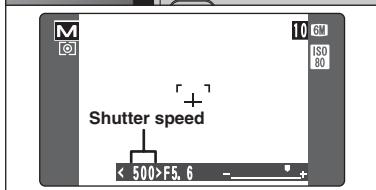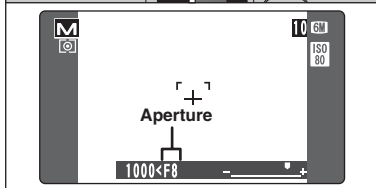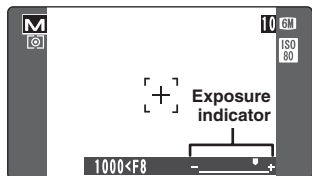Telephoto: F5.6 to F8 in 1/3 EV increments

Aperture

`1000<F8`

◆ **The exposure indicator** ◆

Use the exposure indicator on the LCD monitor as a guide when setting the exposure.
When the brightness of the subject is outside the camera's brightness metering range, the indicator moves to the (+) end to show that the image will be overexposed (the (+) turns yellow) or to the (–) end to show that the image will be underexposed (the (–) turns yellow).

Exposure indicator

`1000<F8`

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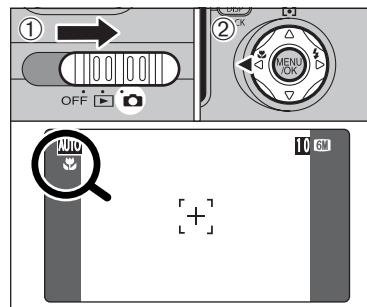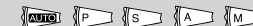
❀ MACRO (CLOSE-UP)

Select Macro mode to take close-up shots.
① Set the Power switch to "■".
② Press the "❀ (◀)" Macro button. The "❀" appears on the LCD monitor indicating that you can take close-up shots.
To cancel Macro mode, press the "❀ (◀)" Macro button again.

● **Focal range**
Approx. 7.5 cm to 80 cm (3.0 in. to 2.6 ft.) (wide-angle)
● **Effective flash range**
Approx. 30 cm to 80 cm (1.0 ft. to 2.6 ft.) (wide-angle)

✐ Any of following cancels Macro mode:
 • Changing the Mode dial setting
 • Turning the camera off
✐ If the flash is too bright, use flash brightness adjustment (➡P.63).
✐ Use a tripod to avoid camera shake when shooting in the dark (when "! ❀" appears).
✐ Once the LCD monitor is turned on and cannot be turned off.
✐ Canceling Macro mode, the LCD monitor remains on.
✐ Selecting AF (MULTI), the focusing position remains near the center of the LCD monitor.

When using 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. Use the LCD monitor to take pictures in Macro mode.

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Advanced Features

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Choose from 6 flash modes according to the type of shot.
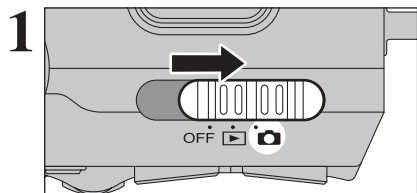
1

Set the Power switch to "📷".

OFF ▶ 📷

2

Set the Mode dial to "AUTO", "🌷", "✕", "☾", "P", "S", "A" or "M" mode.

AUTO

3
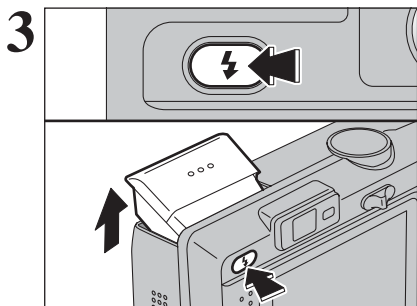
Press the Flash pop-up button to pop-up the flash.

● **Effective flash range (AUTO)**
Wide-angle: approx. 0.3 m to 4.0 m
(1.0 ft. to 13.1 ft.)
Telephoto: approx. 0.6 m to 2.5 m
(2.0 ft. to 8.2 ft.)

🛈 If the shutter speed is set to a speed faster than 1/1000 sec., the image may appear dark even if the flash is used.
🛈 When the flash pops up, the image may disappear and go dark briefly due to flash charging. The viewfinder lamp blinks orange during charging.
🛈 When the camera is turned off, the flash is closed.

◆ **Suppressed flash** ◆

Pressing the flash down changes the camera to Suppressed flash mode.
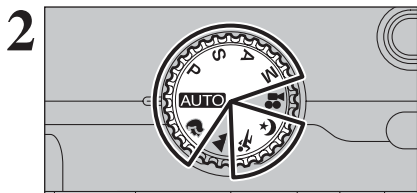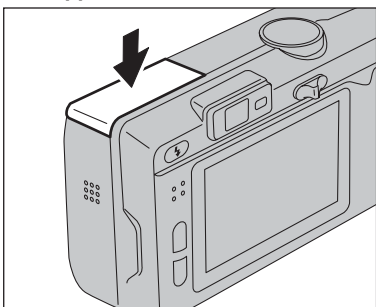Use this mode for taking pictures using indoor lighting, for shots taken through glass, and for photography in places such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. When you use Suppressed flash, the selected white balance function (➡P.59) operates so that natural colors are captured along with the ambience of the available light.

🛈 Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.
🛈 See P.24, 118 for information on the camera shake warning.

4

DISP
BACK
MENU
OK

A⚡ → 👁
↑   ↓
👁   ⚡
SLOW ↑   ↓
S⚡
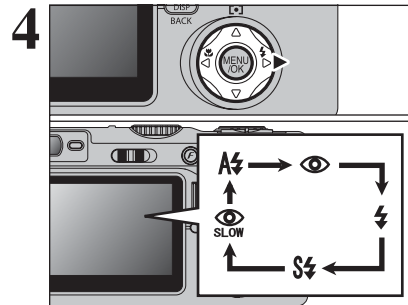
The flash setting changes each time you press the "⚡ (▶)" Flash button. The last flash mode shown is the mode selected.

🛈 If the flash is used in dusty conditions or when it is snowing, white dots may appear in the image due to flash reflecting off the dust particles or snowflakes. Use Suppressed flash mode.
🛈 The flash charging time may increase when the battery is low on charge.
🛈 When taking a picture using the flash, the image may disappear and go dark briefly due to flash charging. The viewfinder lamp blinks orange during charging.
🛈 The available Flash modes are limited depending on the Photography menu selected (➡P.37).

Press the shutter button down halfway. "⚡" appears on the LCD monitor when the flash is used.

A⚡ Auto flash mode

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

🛈 If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

👁 Red-eye reduction

Use this mode to make sure that the subject's eyes appear normal when taking pictures of 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. The flash fires as required by the shooting conditions.

🛈 If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

◆ **Red-eye effect** ◆

When using the flash to take a picture of 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 minimize the likelihood of this effect.
Take the following measures to make Red-eye reduction more effective:
● Get the subjects to look at the camera.   ● Get as close as possible to the subjects.

3

Advanced Features
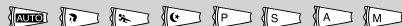
⚡ Forced flash

Use this mode in backlit scenes, such as a subject against a window or in the shade of a tree, or to get the correct colors when taking a picture under bright lighting. 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 night time backdrop. To avoid camera shake, always use a tripod.

● **Slowest shutter speed**
"🌙" **Night scene:** up to 3 sec.

🔆 Red-eye reduction + Slow synchro

Use this mode for Slow synchro shots with Red-eye reduction.

💡 The image may be overexposed when shooting bright scenes.

To take a picture of a main subject at night with the background brightly lit, use the "🌙" (Night scene) setting in Photography mode (➡P.38).
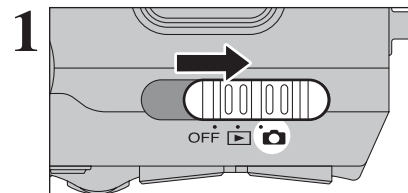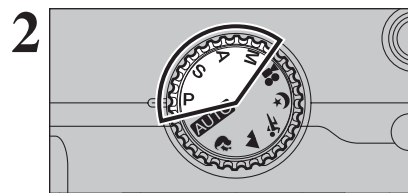

Use this setting for scenes where the brightness of the subject and background differ markedly so that the MULTI setting is unlikely to achieve the desired result.

1

Set the Power switch to "📷".

2

Set the Mode dial to "P", "S", "A" or "M" mode.
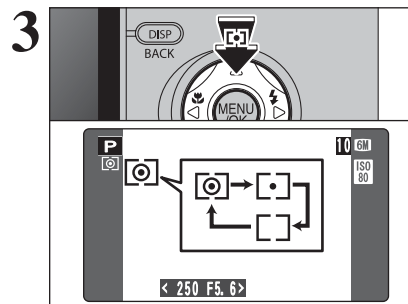
3

The setting changes each time you press the "[●] (▲)" Photometry button and the last photometry mode shown is the mode selected.

[◉] MULTI (Pattern): Light metering where the camera assesses the scene and selects the correct exposure.

[●] SPOT: Light metering where the exposure is optimized for the center of the image.

[ ] AVERAGE: Light metering where an average value for the entire image is used.

💡 In the "AUTO", "🌷", "▲", "✕", "🌙" and "👥" modes, light metering is locked at the MULTI setting and cannot be changed.

◆ **The photometry modes are effective for the following subjects** ◆

● **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.
● **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.
● **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.

3

Advanced Features

Available Photography mode:
P S A

⊞ EXPOSURE COMPENSATION
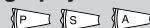
Use this function for shots to get the correct brightness (exposure), such as shots with extremely high contrast between the subject and the background.

1 Set the Power switch to "🗖".

OFF ▶ 🗖
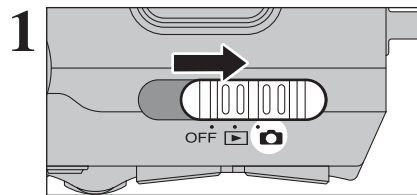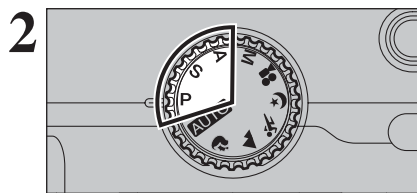
2 Set the Mode dial to "P", "S" or "A" mode.

3 ① Hold down "⊞" button.
② Turn the Command dial to set the compensation value.
The symbol indicating the compensation direction ("–" or "+") turns yellow. The "⊞" icon also turns yellow while exposure compensation is being set and then turns blue after setting is completed.

● **Compensation range**
–2 EV to +2 EV (13 steps in 1/3 EV increments)

Exposure compensation cannot be used in the "AUTO", "🌷", "▲", "🎾", "🌙", "M" and "🎬" modes.

Exposure compensation is disabled in the following situations:
When "⚡" (Forced flash) or "👁" (Red-eye reduction) mode is used and the scene is dark.

Exposure compensation indicator

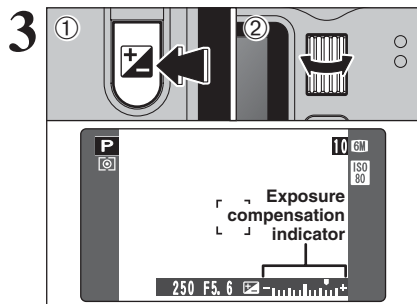This setting is retained when the mode is changed or the camera is turned off ("⊞" icon appears). Set the exposure compensation to "0" unless compensation is required.

◆ **To obtain the optimum brightness** ◆

Adjust the exposure compensation according to the level of brightness or darkness in the image.

● When the subject appears too bright
Try a negative (–) compensation setting.
This will make the overall image darker.

● When the subject appears too dark
Try a positive (+) compensation setting.
This will make the overall image brighter.

■ Guide to compensation
• Backlit portraits: +2 steps to +4 steps (+$\frac{2}{3}$ EV to +1$\frac{1}{3}$ EV)
• Very bright scenes (such as snowfields) and highly reflective subjects: +3 steps (+1 EV)
• Shots made up predominantly of sky: +3 steps (+1 EV)
• Spotlight subjects, particularly against dark backgrounds: –2 steps (–$\frac{2}{3}$ EV)
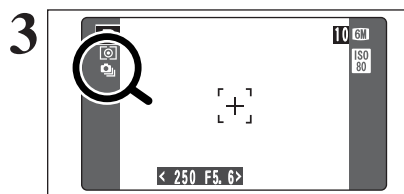• Scenes with low reflectivity, such as shots of pine trees or dark foliage: –2 steps (–$\frac{2}{3}$ EV)
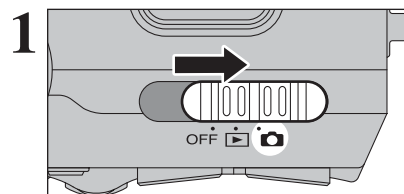
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🔁 CONTINUOUS SHOOTING

1 Set the Power switch to "🗖".

OFF ▶ 🗖
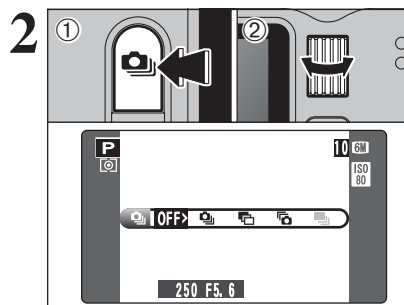
2 ① Hold down the "🔁" button.
② Turn the Command dial to select the Continuous shooting mode.
Release the "🔁" button to confirm your selection.

3 Setting the Continuous shooting mode (except for "OFF"), the selected mode appears on the LCD monitor.

🔁: Top 4-frame continuous shooting
🔁: Auto bracketing
🔁: Final 4-frame continuous shooting
🔁: Long-period continuous shooting

◆ **Notes on using the Continuous shooting modes** ◆

● Shooting continues as long as you hold down the shutter button. In auto bracketing mode however, just press the shutter button once to shoot 3 frames.
● If there is insufficient space on the **xD-Picture Card**, as many frames are shot as can be recorded on the available space. When auto bracketing, if there is insufficient space on the **xD-Picture Card** to record 3 frames, no pictures are taken.
● The focus is determined in the first frame and cannot be changed in mid-sequence.
● The exposure is determined in the first frame, but in Long-period continuous shooting the exposure is adjusted for the scene being shot.
● The speed of continuous shooting varies depending on the shutter speed.
● The speed of continuous shooting does not change with the quality setting.
● The flash cannot be used as the flash mode is set to Suppressed flash.
● For continuous shooting, final 4-frame continuous shooting and pictures taken using auto bracketing, the results are always displayed after you shoot. To choose whether or not to record the images, set "IMAGE DISP." in "SET-UP" to "PREVIEW" (➡P.86). Note that pictures taken using Long-period continuous shooting are recorded without displaying the results.

3

Advanced Features

49

◘ Top 4-frame continuous shooting

Available Photography mode: AUTO [icons] P S A M

This mode shoots up to 4 frames (Max. 3 frames/sec.). When taking the pictures, the images appear (in sequence from the left) and recorded.

STORING

*The maximum file recording time, using the continuous shooting, is 15 seconds when recording in **xD-Picture Card**.

◘ Auto bracketing

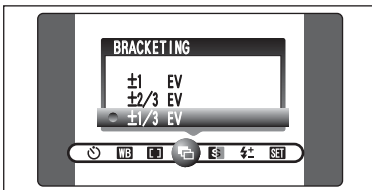Available Photography mode: P S A M

This mode shoots the same image with different exposure settings. Bracketing shoots 3 continuous frames respectively by a set amount.
Ⓐ is correctly exposed, Ⓑ is overexposed and Ⓒ is underexposed.
The settings (exposure range) can be changed in photography menu.

STORING

Ⓐ Ⓑ Ⓒ

● **Auto bracketing settings (3)**
±1/3 EV, ±2/3 EV, ±1 EV

*If the underexposed or overexposed frame is outside the camera's control range, the picture is not taken with the specified setting increments.
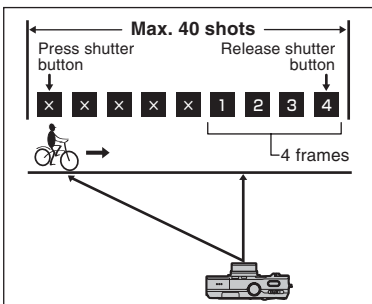*Auto bracketing cannot be used in "AUTO", "🌷", "▲", "✻" or "☾", "😄" mode.

Changing the setting (exposure range)

Press the "MENU/OK" button to display the menu and change the setting in the "◘" BRACKETING menu option (➡P.63).

BRACKETING
±1 EV
±2/3 EV
±1/3 EV

◘ Final 4-frame continuous shooting

Available Photography mode: AUTO [icons] P S A M

Max. 40 shots
Press shutter button   Release shutter button
× × × × × 1 2 3 4
4 frames

This mode allows you to release the shutter up to 40 times (Max. 3 frames/sec.) and record the last 4 frames. If you take your finger off the shutter button before 40 shots have been taken, the camera records the final 4 frames shot before you released the shutter button.
If there is insufficient space on the **xD-Picture Card**, the camera records as many of the shots taken just before the shutter button was released as will fit on the **xD-Picture Card**.

◘ Long-period continuous shooting

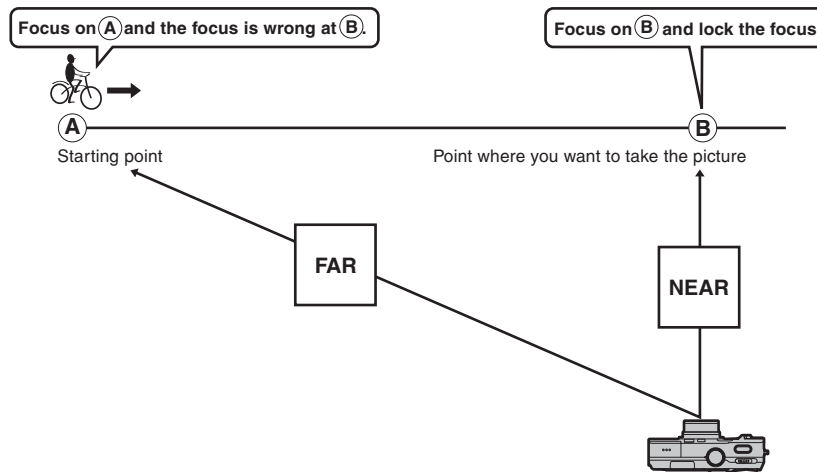Available Photography mode: AUTO

AUTO   25 2M
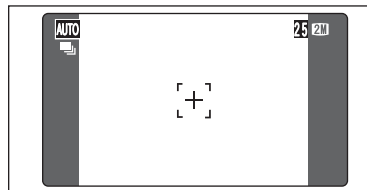
This mode allows you to take up to 40 continuous shots (Max. 1.6 frames/sec.). In Long period continuous shooting the number of recorded pixels is set to "2M" (1600 × 1200) or "2M" (2048 × 1152).

*Long-period continuous shooting cannot be used in the "🌷", "▲", "✻", "☾", "P", "S", "A", "M" and "😄" modes.

◆ Focusing on a moving subject ◆

If you press the shutter button down halfway to focus on the subject at the starting point Ⓐ, the subject may no longer be in focus when it reaches point Ⓑ where you want to take the shot.
In such situations, focus on point Ⓑ beforehand and then lock the focus so that it does not shift.
This feature is also useful for photographing fast-moving subjects that are difficult to focus on.

Focus on Ⓐ and the focus is wrong at Ⓑ.   Focus on Ⓑ and lock the focus.

Ⓐ   Ⓑ
Starting point   Point where you want to take the picture

FAR

NEAR

◆ Quality and flash ◆

When a Continuous shooting mode is selected, the flash mode is forcibly set to "Ⓢ" Suppressed flash.
In a Long-period continuous shooting, the quality is also forcibly set to "2M, 2M".
However, when the mode is changed back to normal photography, the flash setting specified before continuous shooting was selected is restored. Likewise, when a Long-period continuous shooting has been used, the quality setting is also restored to its previous value.

3

Advanced Features

CONTINUOUS AF

While the "C-AF" button is pressed, the camera continues to focus on the main subject in the AF frame. Use this button to take pictures of a moving subject.
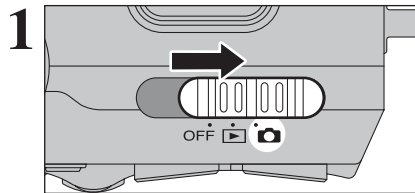
1 Set the Power switch to "📷".

2 Set the Mode dial to "AUTO", "🌺", "▲", "✻", "☾", "P", "S", "A" or "M" mode.

3 Frame the shot so that the subject fills the center of the image or the entire AF frame.

Because you cannot check the focusing using the viewfinder, continuous AF is only available when the LCD monitor is used.

4 Press the "C-AF" button.
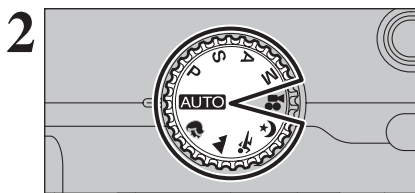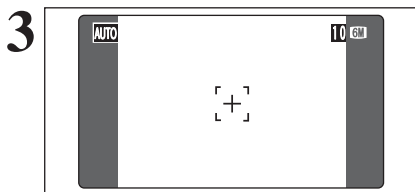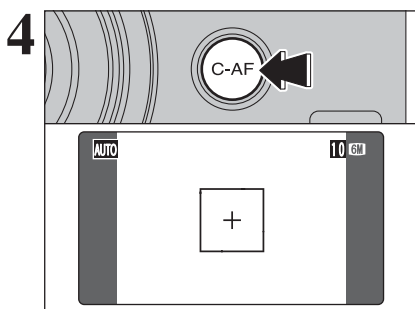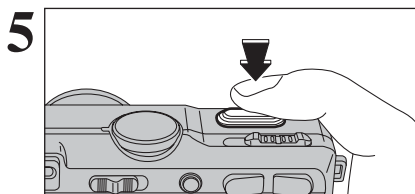While the "C-AF" button is held down, the camera continuously focuses on the main subject inside the AF frame.

🔅 Using the "WIDE/STD" switch while the "C-AF" button is pressed cancels Continuous AF mode.

5 Press the shutter button down halfway (AF/AE lock) without releasing the button, press the button down fully to take the picture.
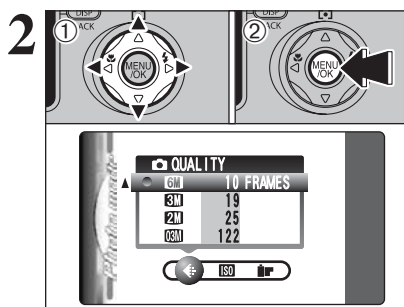This allows you to shorten the focusing time.

🔅 Continuous AF is disabled in the AF AREA or MF (Manual Focus) modes.
See P.61 for information on changing focus mode.

✦ QUALITY MODE (NUMBER OF RECORDED PIXELS)
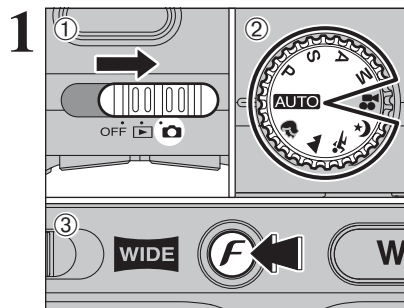
1 ① Set the Power switch to "📷".
② Set the Mode dial to "AUTO", "🌺", "▲", "✻", "☾", "P", "S", "A" or "M" mode.
③ Press the "*F*" button.

The quality setting is retained even when the camera is off or the Mode dial setting is changed.

2 ① Press "◄" or "►" to select the "✦" quality setting and then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

QUALITY

6M	10 FRAMES
3M	19
2M	25
03M	122

🔅 The numbers to the right of each setting show the number of available frames.
🔅 When changing the quality setting, the number of available frames also changes (➡P.25).

Quality settings in Photography mode

Quality mode	Sample Uses
12M F (4048 × 3040) 8M F (3968 × 2232)	Printing at up to 14 × 17 in. (35.6 × 43.2 cm) / A3 size For better quality, select "12M F" or "8M F"
12M N (4048 × 3040) 8M N (3968 × 2232)	Printing at up to 14 × 17 in. (35.6 × 43.2 cm) / A3 size
6M (2848 × 2136) 6M (3200 × 1800)	Printing at up to 10R (25.4 × 30.5 cm) / A4 size
3M (2048 × 1536) 3M (2304 × 1296)	Printing at up to 6R (15.2 × 20.3 cm) / A5 size
2M (1600 × 1200) 2M (2048 × 1152)	Printing at up to 4R (10.2 × 15.2 cm) / A6 size
03M (640 × 480) 03M (768 × 432)	To use for e-mail or web site

✱ For full-screen playback on a wide-screen or high-definition TV or to print at HV (Hi Vision) size, select a quality setting for Widescreen mode shooting.

🔅 See P.20 for information on changing the setting to WIDE/STD.
🔅 See P.79 for information on printing images shot as Widescreen mode images.

◆ **Quality setting in high-sensitivity mode** ◆

When a high-sensitivity setting (ISO 800) is selected, the "6M", "12M", "6M" and "8M" quality modes are no longer available. The "03M", "2M", "3M", "03M", "2M" and "3M" quality modes can be selected.

3

Advanced Features

1
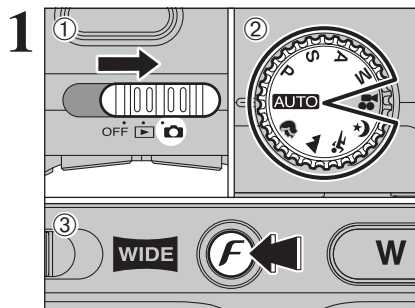
① Set the Power switch to "📷".
② Set the Mode dial to "AUTO", "🏃", "▲", "✵",
 "☾", "P", "S", "A" or "M" mode.
③ Press the "F" button.

ⓘ In "🎬" Movie mode, do not set the "ISO" (sensitivity) setting.
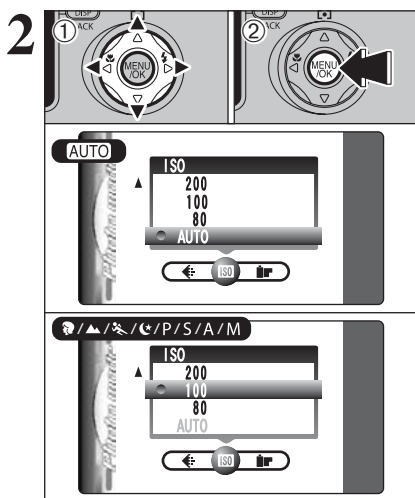
Sensitivity is retained even when the camera is off
or the Mode dial setting is changed.

2

① Press "◀" or "▶" to select the "ISO" setting and
 then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the
 setting.

● **Settings**
 AUTO : AUTO (80 to 640) 80/100/200/400/800
 🏃, ▲, ✵, ☾, P, S, A and M: 80/100/200/400/800

ⓘ When setting CCD-RAW (➡P.91), only the "80", "100", "200"
 and "400" sensitivity settings can be selected.
ⓘ While selecting a higher sensitivity setting will allow you to
 take pictures in darker locations, it will also increase the
 amount of speckling in your images. Streaking may also be
 visible in shots of scenes such as the night sky.
 Choose the sensitivity setting that best suits the conditions.

Selecting AUTO as the sensitivity setting, the
camera selects the best sensitivity setting for the
subject brightness.
The AUTO sensitivity setting can be selected in the
"AUTO" Photography modes.

3
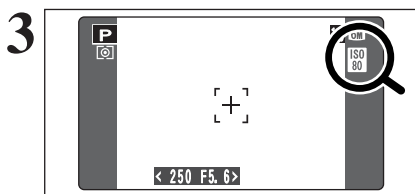
When the sensitivity is set to "80", "100", "200",
"400" or "800" the selected sensitivity setting
appears on the LCD monitor.

■ **Default sensitivity setting**

Photography mode	AUTO	🏃	▲	✵	☾	P	S	A	M
Sensitivity	AUTO	100	100	200	200	80			

High-sensitivity photography (ISO 800)

When a high-sensitivity (ISO 800) is selected, the quality setting "6M", "12M", "6M" or "3M" is
automatically reset to "3M, 3M" (the "QUALITY ➡ 3M" appears).

● **Digital zoom focal lengths (STD:Standard mode)***
 2M: approx. 130 mm-325 mm, max. zoom scale: approx. 2.5×
 03M: approx. 130 mm-819 mm, max. zoom scale: approx. 6.3×

● **Digital zoom focal lengths (WIDE:Widescreen mode)***
 03M: approx. 142 mm-738 mm, max. zoom scale: approx. 5.2×

* 35 mm camera equivalents

ⓘ The digital zoom cannot be used with the "3M", "2M" or "3M" setting.
ⓘ The high-sensitivity photography cannot be selected when setting CCD-RAW (➡P.91).
ⓘ When you specify a high-sensitivity, the amount of noise (interference) in the image shown on the LCD monitor before the
 picture is taken increase. However, this is normal.

High-sensitivity photography is retained even when the camera is off or the Mode dial setting is
changed.

◆ **Quality setting in high-sensitivity mode** ◆

When a high-sensitivity setting (ISO 800) is selected, the "6M", "12M", "6M" and "3M" quality modes are
no longer available. The "03M", "2M", "3M", "03M", "2M" and "3M" quality modes can be selected.

3

Advanced Features

1
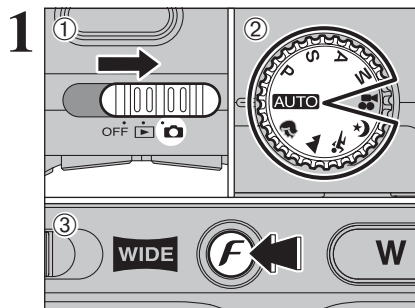
① Set the Power switch to "📷".
② Set the Mode dial to "**AUTO**", "🍴", "🏔", "🎿",
"�★", "P", "S", "A" or "M" mode.
③ Press the "*F*" button.

⚠ In "🎬" Movie mode, do not set the "**📷**" FinePix COLOR setting.

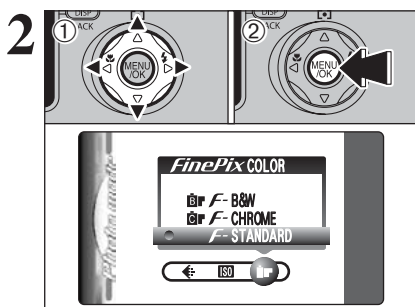The FinePix COLOR setting is retained even when the camera is off or the Mode dial setting is changed.

2

① Press "◀" or "▶" to select the "**📷**" FinePix COLOR setting and then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

⚠ *F*-CHROME may have little visible effect with some subjects, such as close-up shots of people (portraits).
⚠ Because the effects on the image differ depending on the scene being shot in *F*-CHROME mode, take pictures in standard mode as well as this mode. Note that you may not be able to see any difference on the LCD monitor.
⚠ For shots taken in *F*-CHROME mode or *F*-B&W mode, automatic quality adjustment will be suppressed on Exif Print compliant printers.

FinePix COLOR
📷 *F*- B&W
📷 *F*- CHROME
F- STANDARD

| *F*-STANDARD	The contrast and color saturation are set to standard. Use this mode for normal photography.
F-CHROME	The contrast and color saturation are set to high. This feature is effective for taking more vivid shots of subjects such as scenery (blue sky and greenery) and flowers.
F-B&W	This setting converts the colors in the photographed image to black and white.

3
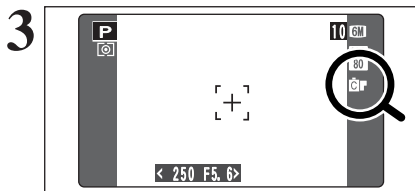
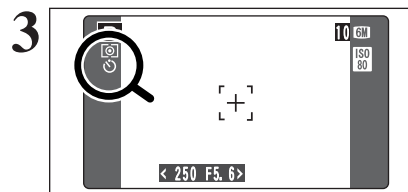When setting *F*-CHROME or *F*-B&W, the icon appears on the LCD monitor.

F-CHROME: 📷
F-B&W: 📷

‹ 250 F5. 6 ›

1

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

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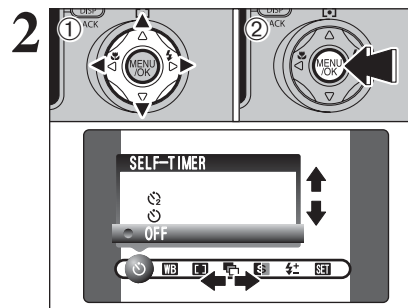
① Press "◀" or "▶" to select the menu item and "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

SELF-TIMER
⏱
⏱
OFF

3

When you enable the setting, an icon appears in the top-left corner of the LCD monitor.

⚠ The settings available in the menu screen vary depending on the Photography mode.

‹ 250 F5. 6 ›

⏱ Self-timer ➡P.58

Use this setting for taking pictures such as group shots where the photographer is included in the shot.

📑 Bracketing ➡P.63

Use this setting to photograph the same image with different exposure settings.

WB White balance ➡P.59

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

S Sharpness ➡P.63

Use this setting to soften or emphasize outlines or to adjust the quality of the image.
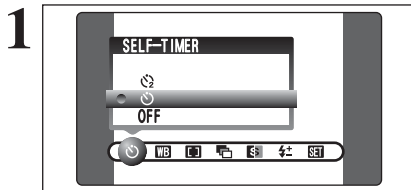
Focusing ➡P.61

Set the focusing method.

⚡± Flash brightness adjustment ➡P.63

Change this setting to adjust the amount of light emitted by the flash to suit the photography conditions or to achieve a desired effect.

3

Advanced Features

PHOTOGRAPHY MENU

❋ Displaying the menus (➡P.57)

⟳ SELF-TIMER PHOTOGRAPHY

Available Photography mode: AUTO 🄯 ▲ ✱ 🌙 P S A M

1

SELF-TIMER
⟳₂
⟳
OFF

⟳ WB ▣ 🔂 S+ 🔆 SET

The self-timer is used in situations where the photographer is included in the shot.
When selecting the self-timer setting, the self-timer icon appears on the LCD monitor.

⟳: The picture is taken after 10 seconds.
⟳₂: The picture is taken after 2 seconds.

⚠ Any of following cancels self-timer setting:
  • Completing the shooting
  • Changing the Mode dial setting
  • Setting the camera to Playback mode
 • Turning the camera off

◆ **Using the 2-second self-timer** ◆

This is useful when you have the camera on a tripod and you want to avoid camera shake.

2

① P 🔲 10 6M ISO 80 ⟳
< 250 F5.6 >

② Bebeep ⬇   ③ Beep ⬇

① Position the AF frame over the subject.
② Press the shutter button down halfway to focus on the subject.
③ Without releasing the shutter button, press the button all the way down (fully pressed) to start the self-timer.

⚠ The AF/AE lock can be also used (➡P.26).
⚠ Take care not to stand in front of the lens when pressing the shutter button as this can avoid the correct focus or brightness (exposure) being got.

3
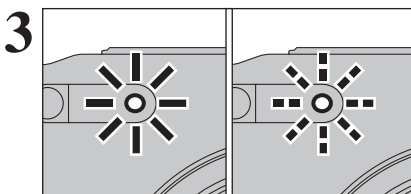
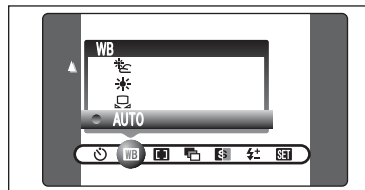The self-timer lamp lights and then starts blinking until the picture is taken.

⚠ To stop the self-timer, once it has started running, press the "DISP (BACK)" button.

4

2
• • • • • • • • • • •
250 F5.6
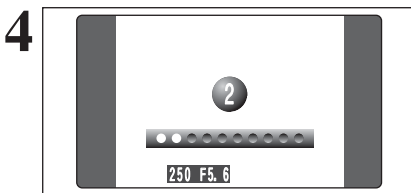
A countdown appears on the LCD monitor indicating the time remaining until the picture is taken.
Self-timer mode is cancelled after each shot.

🄌 WHITE BALANCE

Available Photography mode: P S A M

WB
🏠
☀
🖥
AUTO
⟳ WB ▣ 🔂 S+ 🔆 SET

AUTO: Automatic adjustment (shooting to show the ambience of the light source)
🖥: Custom white balance
☀: Shooting outdoors in fine weather
🏠: Shooting in shade

Change the white balance setting to take a picture with the white balance fixed for the surroundings and lighting.
In AUTO mode, the correct white balance may not be achieved for subjects such as close-ups of people's faces and pictures taken under a special light source. Select the correct white balance for the light source. See P.125 for more information on the white balance.

🔆1: Shooting under "Daylight" fluorescent lamps
🔆2: Shooting under "Warm White" fluorescent lamps
🔆3: Shooting under "Cool White" fluorescent lamps
🔆: Shooting in incandescent light

❋ When the flash fires, the white balance setting (excluding custom white balance) for the flash is used. Consequently, to achieve a particular effect, the flash mode should be set to Suppressed flash (➡P.44).

⚠ The color tones may vary depending on the shooting conditions (light source, etc.).

1

① **WB**
🏠
☀
🖥
AUTO
⟳ WB ▣ 🔂 S+ 🔆 SET

② DISP BACK ⊿ MENU/OK ⊳
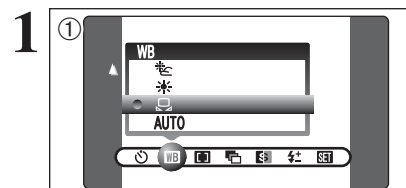
Custom white balance

Use this setting to set the white balance for the ambient natural or artificial lighting in images. Use this setting to achieve special effects also.
① Select "🖥" custom white balance.
② Press the "MENU/OK" button.

2

🖥 CUSTOM WB

SHUTTER NEW WB
O K ◀ NOT CHANGE   BACK ◀ CANCEL

Beep ⬇
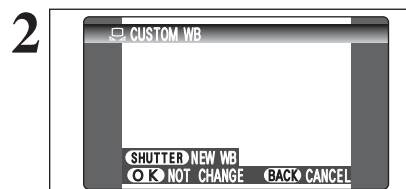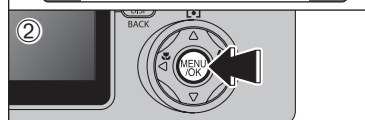
Under the light source to set the white balance for, hold a piece of white paper so that it fills the LCD monitor and press the shutter button to set the white balance.
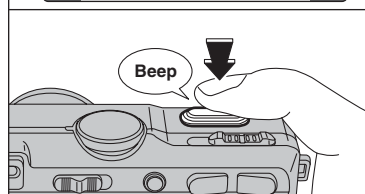
⚠ The white balance setting does not affect the image shown on the LCD monitor.

To use the white balance set previously, press the "MENU/OK" button without pressing the shutter button.

3

Advanced Features

3

When the correct exposure is measured, "(COMPLETED !)" appears.
Press the "MENU/OK" button to confirm the setting.

COMPLETED !

OK SET BACK CANCEL

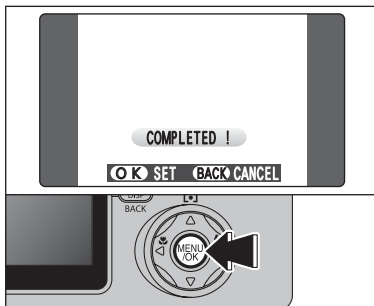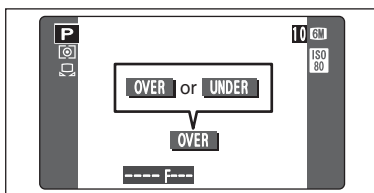💡 The specified custom white balance is retained until it is reset. This setting is retained even if the battery is removed.
💡 After taking the picture, check the "Color (White Balance)" setting for the image.
• Set "IMAGE DISP." to "PREVIEW" in the "SET-UP" screen (➡P.87).
• Set the Power switch to "▶" (➡P.29).

When " OVER " or " UNDER " appears, the white balance was not measured at the correct exposure. Set the exposure compensation again, using a negative value (–) when " OVER " appears and a positive value (+) when " UNDER " appears.

OVER or UNDER

OVER

◆ **Example** ◆

You can change the white balance for a photographed image by using colored paper instead of white paper.

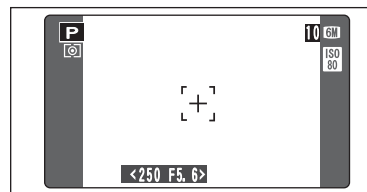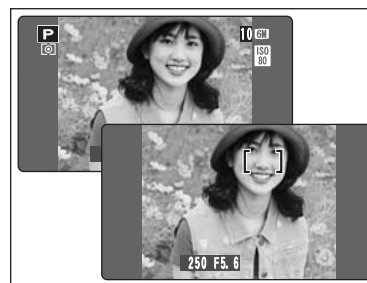**▣ FOCUSING**   Available Photography mode: P S A M

FOCUSING
MF
AF AREA
AF(MULTI)
AF(CENTER)
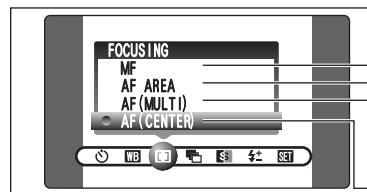
→ **MF (Manual Focus)**

→ **AF AREA**

→ **AF (MULTI)**

→ **AF (CENTER)**

💡 See P.52 for information on Continuous AF.

AF (CENTER)

The camera focuses on the center of the LCD monitor. Use this setting when taking pictures using AF/AE lock (➡P.26).

250 F5.6

AF (MULTI)

Press the shutter button down halfway. The camera recognizes any strongly contrasting subject near the center of the LCD monitor and displays the AF frame over subject in focus.

💡 When taking pictures in Macro mode, the camera focuses on the center of the LCD monitor.

You cannot check the focus when taking pictures using the viewfinder.
After taking the picture, play it back to check the focus.

250 F5.6
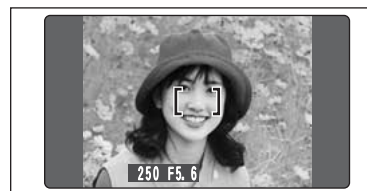
For a high-contrast subject in the center of the LCD monitor

Press the shutter button down halfway. The AF frame appears positioned on the high-contrast subject near the center of the image.

250 F5.6
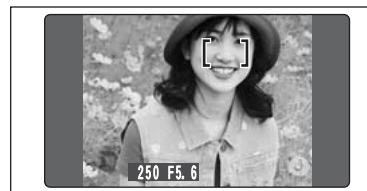
When there is no high-contrast subject in the center of the LCD monitor

When the camera has difficulty focusing on the subject in AF (MULTI) mode, set the focusing mode to AF(CENTER) and use AF/AE Lock (➡P.26).

250 F5.6

3

Advanced Features

1
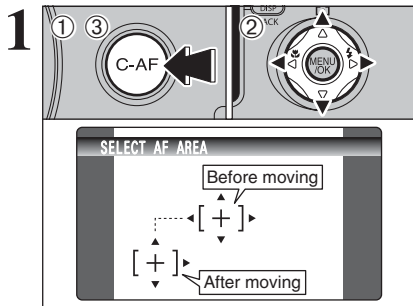
AF (AREA)

The camera changes the focusing position on the LCD monitor. Use this setting when composing the shot using a tripod and changing the focusing position.
① Hold down the "C-AF" button.
② Press "▲", "▼", "◀" or "▶" to move the "⟨⊹⟩" (target point) to the focusing position.
③ Release the "C-AF" button.

2

The AF frame appears in the location to which the target point was moved.
Take the picture in the normal way.
To reposition the AF frame, repeat step **1**.

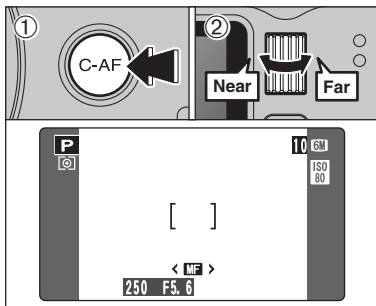Regardless of the AF frame location, the exposure is always set using the area in the center of the LCD monitor. To expose the shot for your main subject, use AE lock.
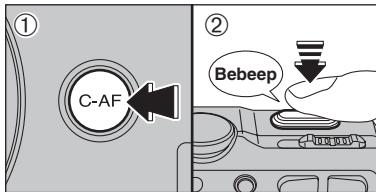

MF (Manual Focus)

① Hold down the "C-AF" button.
② Turn the Command dial to adjust the focus. Use the LCD monitor to check the focus.

📷	Moves the focus further.
📷	Moves the focus closer.

◆ **Mastering manual focusing** ◆
The image is unfocused when the camera moves. Use a tripod to avoid camera shake.
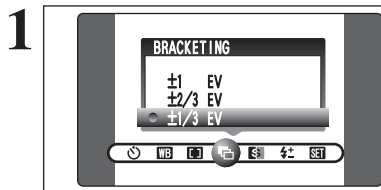
◆ **One-touch AF function** ◆

Use this function to focus the shot quickly.
① Hold down the "C-AF" button.
② Press the shutter button down halfway to focus the shot using Autofocus.

3
Advanced Features

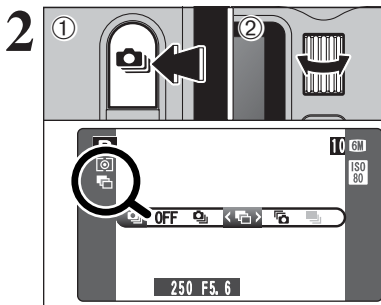### 📇 BRACKETING   Available Photography mode: P S A M

1

Use this setting to photograph the same image with different exposure settings. Bracketing shoots 3 continuous frames, one of which is correctly exposed while the remaining two are underexposed and overexposed respectively by a set amount.
● **Bracketing settings (3)**
±1/3 EV, ±2/3 EV, ±1 EV
See P.125 for more information on EVs.

🔶 If the underexposed or overexposed frame is outside the camera's control range, the shot is not taken with the specified setting increments.
🔶 Flash photography cannot be used.
🔶 This feature always takes 3 shots. However, if there is insufficient space on the **xD-Picture Card** for 3 shots, no picture will be taken.

2

Auto bracketing

After setting the exposure for bracketing:
① Hold down the "📇" button.
② Turn the Command dial to select "📇".

🅂 SHARPNESS   Available Photography mode: P S A M
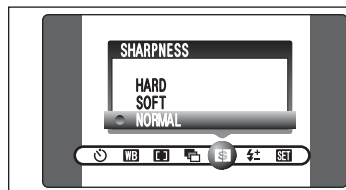
Use this setting to soften or emphasize outlines or to adjust the quality of the image.
HARD: Emphasizes the outlines.
Best for shots of subjects such as buildings or text where sharp images are desirable.
SOFT: Softens the outlines.
Best for shots of subjects such as people, where a softer image is desirable.
NORMAL: Best for ordinary photography.
Provides edge sharpness that is ideal for ordinary shots.

⚡± FLASH BRIGHTNESS ADJUSTMENT
Available Photography mode: P S A M
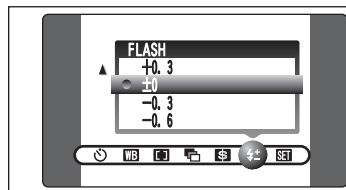
Use this setting to change just the amount of light emitted by the flash to suit the photography conditions or to achieve a desired effect.
● **Compensation range: ±2 levels**
−0.6 EV to +0.6 EV in approx. 0.3 EV increments (total: 5 levels selectable)
See P.125 for information on EVs.

🔶 Depending on the type of subject and the shooting distance, brightness adjustment may have no effect.
🔶 The image may appear dark when the shutter speed is set to speeds higher than 1/1000 sec.

Use this function to check the photography information. Hold down the "⊞" button to check the information.

💡 This function cannot be used during multi-frame playback (➡P.29).

6M Quality mode

ISO 80 Sensitivity

©F FinePix COLOR

Shutter speed

Aperture setting display

Exposure compensation

Histogram

100-0009 6M
ISO 80
©F
2000 F2.8 ⊞ -0.3
7/ 1/2004 12:00 AM

◆ **Histograms** ◆

A histogram is a chart showing the distribution of brightness in an image (horizontal axis: brightness; vertical axis: pixels).

① **Optimal exposure:** There is an ample distribution of pixels overall with a peak in the middle range.
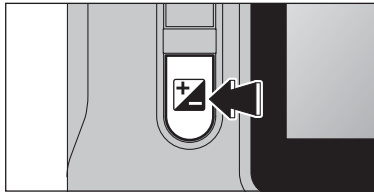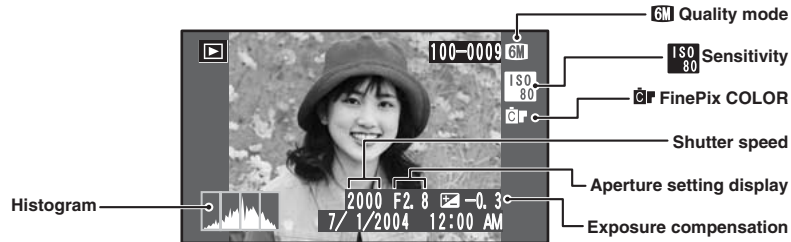② **Overexposed:** The number of highlight pixels is high with the distribution sloping upwards to the right.
③ **Underexposed:** The number of shadow pixels is high with the distribution sloping upwards to the left.

①   ②   ③

Pixels

Brightness
Shadows   **Highlights**

💡 The shape of the graph will vary depending on the subject.
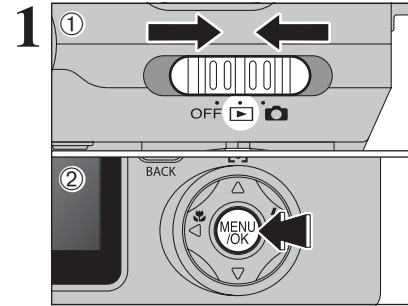
1
① Set the Power switch to "▶".
② Press the "MENU/OK" button to display the menu on the LCD monitor.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.
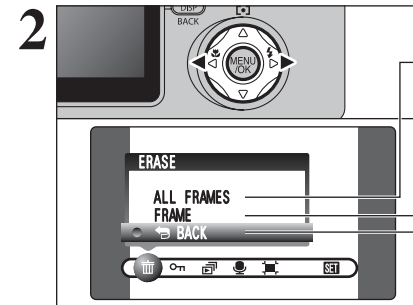
2
Press "◀" or "▶" to select "🗑" ERASE.

ALL FRAMES

Erases all unprotected frames (files).
Back up important frames (files) onto your PC or another media.

FRAME

Erases only the selected frame (file).

↰ BACK

Returns to playback without erasing any frames (files).
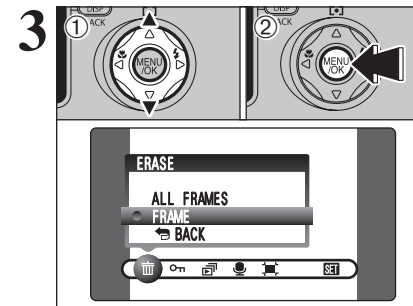
3
① Press "▲" or "▼" to select "ALL FRAMES" or "FRAME".
② Press the "MENU/OK" button.

ERASE
ALL FRAMES
FRAME
↰ BACK

3

Advanced Features
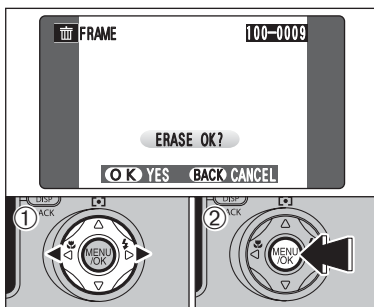
FRAME

① Press "◀" or "▶" to select the frame (file) to be erased.
② Press the "MENU/OK" button to erase the currently displayed frame (file).

To erase another frame (file), repeat steps ① and ②. When you have finished erasing frames (files), press the "DISP (BACK)" button.

🔔 Pressing the "MENU/OK" button repeatedly erases consecutive frames (files). Take care not to erase a frame (file) by mistake.

🔔 Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡P.67).

ALL FRAMES

Pressing the "MENU/OK" button erases all the frames (files).

🔔 Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡P.67).

If " DPOF SPECIFIED. ERASE OK ? " or " DPOF SPECIFIED. ERASE ALL OK ? " appears, press the "MENU/OK" button again to erase the frames (files).

◆ **To stop the procedure midway** ◆
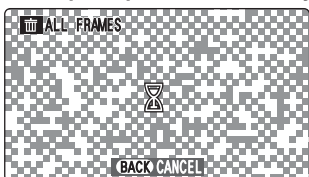
Press the "DISP (BACK)" button to cancel erasing of all the frames (files). Some unprotected frames (files) will be left unerased.
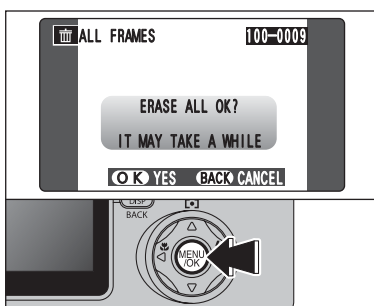
🔔 Even if you stop the procedure immediately, some frames (files) will be erased.

1
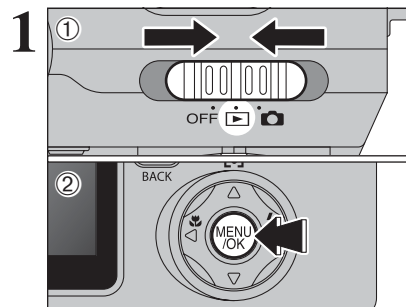
① Set the Power switch to "▶".
② Press the "MENU/OK" button to display the menu on the LCD monitor.

Protection is a setting that prevents frames (files) from being accidentally erased. However, the "FORMAT" function erases all the frames (files), including protected frames (files) (➡P.88).

2
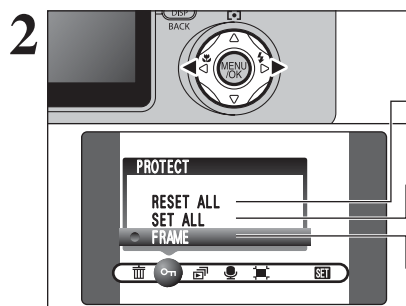
Press "◀" or "▶" to select "🔒" PROTECT.

RESET ALL

Removes the protection from all the frames (files).

SET ALL

Protects all the frames (files).

FRAME

Protects or unprotects only the selected frame (file).

3
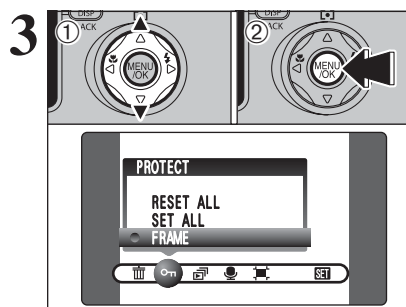
① Press "▲" or "▼" to select "FRAME", "SET ALL" or "RESET ALL".
② Press "MENU/OK" button to confirm your selection.
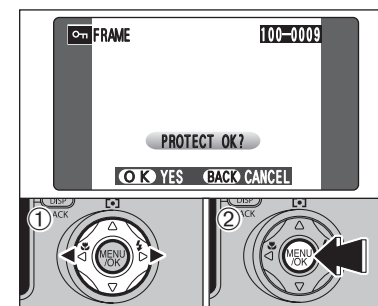
FRAME SET

① Press "◀" or "▶" to select the frame (file) to be protected.
② Press the "MENU/OK" button to protect the frame (file) currently displayed.

To protect another frame (file), repeat steps ① and ②. To finish protecting frames (files), press the "DISP (BACK)" button.

3

Advanced Features
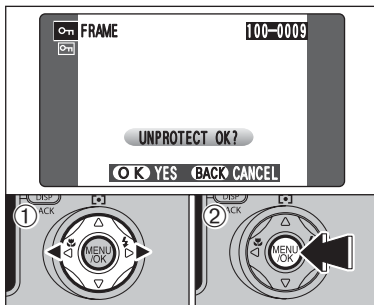
FRAME RESET

① Press "◀" or "▶" to select the protected frame (file).
② Press the "MENU/OK" button to unprotect the displayed frame (file).
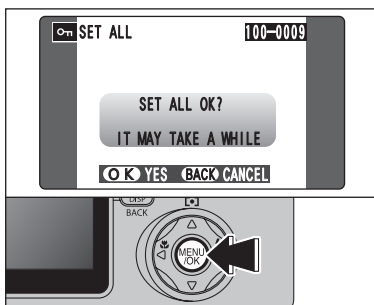
SET ALL

Press the "MENU/OK" button to protect all the frames (files).

RESET ALL

Press the "MENU/OK" button to unprotect all the frames (files).

◆ **To stop the procedure midway** ◆
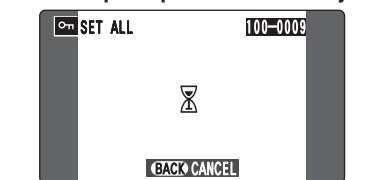
If the images are very large, protecting or unprotecting all the frames (files) may take some time.
If you want to take a picture or recording a movie during the procedure, press the "DISP (BACK)" button. To then return to protecting or unprotecting all the frames (files), start the procedure on P.67 from step **1**.
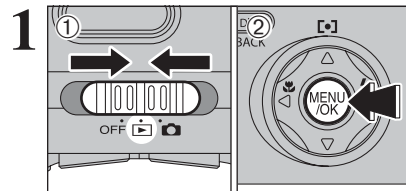
68

1

① Set the Power switch to "▶".
② Press the "MENU/OK" button to display the menu on the LCD monitor.

🔅 The Power save function does not operate during playback.
🔅 Movie starts automatically. When the preview movie or movie ends, playback moves on to the next frame.

2
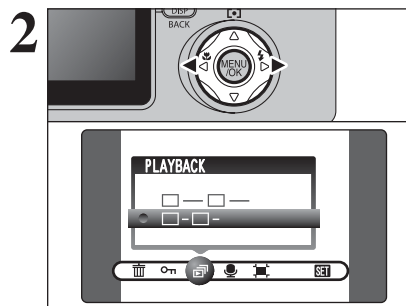
Press "◀" or "▶" to select "🖻" PLAYBACK.

3
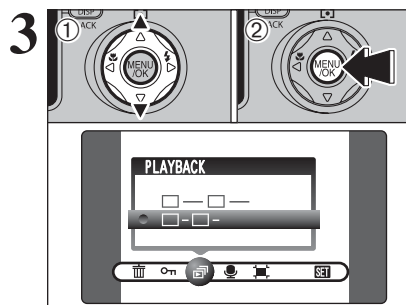
① Press "▲" or "▼" to select the playback interval.
② Press the "MENU/OK" button. The image frames are advanced and played back.

🔅 Press the "DISP (BACK)" button once during playback to display the playback frame number and on-screen help.
🔅 To interrupt PLAYBACK, press the "▲" button (or "MENU/OK" button).

4
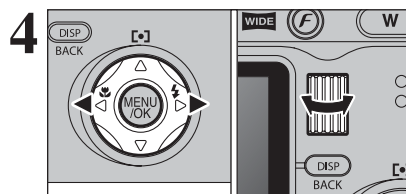
Press "◀" or "▶" or turn the Command dial to scan quickly through the images.

◆ **Using auto play on a TV** ◆
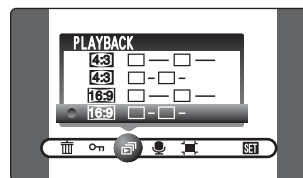
When auto play is used to view images on a TV, the aspect ratio can be selected.
Select the appropriate aspect ratio (e.g. wide-screen) for your TV. In order to fully displayed on the screen.

🔅 When both STD and WIDE images are included, the display mode for the two image types may differ on some TVs.

3

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🎤 **RECORDING VOICE MEMOS**

1
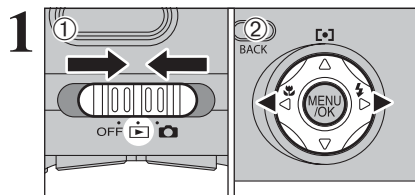
Voice memos can be added to still images.
● **Audio recording format:** WAVE (➡P.125)
PCM recording format
● **Audio file size:** Approx. 480 KB
(for a 30-second voice memo)
① Set the Power switch to "▶".
② Press "◀" or "▶" to select the image (still image) to add a voice memo.

2

VOICE MEMO

ON
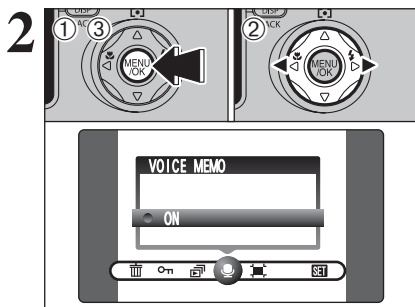
① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "🎤" VOICE MEMO.
③ Press the "MENU/OK" button.

🖊 Voice memos cannot be added to movies.
🖊 When "PROTECTED FRAME" appears, unprotect the frame.

3

VOICE MEMO   100-0009

REC STANDBY

30s

START   BACK CANCEL
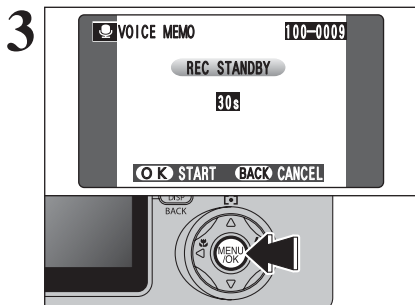
"REC STANDBY" appears on the LCD monitor.
Press the "MENU/OK" button to begin recording.
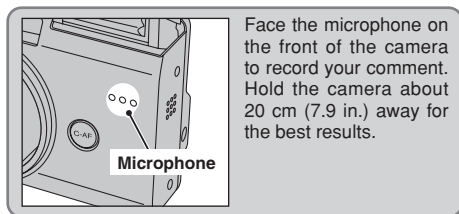
Face the microphone on the front of the camera to record your comment. Hold the camera about 20 cm (7.9 in.) away for the best results.

Microphone

4

VOICE MEMO   100-0009

RECORDING

Remaining time   29s   Elapsed time progress bar

REC   BACK RE-REC
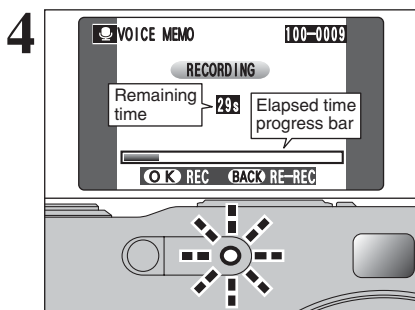
The remaining recording time appears during recording and the self-timer lamp blinks.
When the time remaining reaches 5 seconds, the self-timer lamp starts blinking quickly.

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

5

VOICE MEMO   100-0009

FINISH

REC   BACK RE-REC

After 30 seconds of recording, "FINISH" appears on the LCD monitor.

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

◆ **When the image already has a voice memo** ◆

VOICE MEMO

RE-REC
BACK

If you select an image that already has a voice memo, a screen appears in which you can select whether to re-record the memo.

🖊 When "PROTECTED FRAME" appears, unprotect the frame.

3

Advanced Features

1
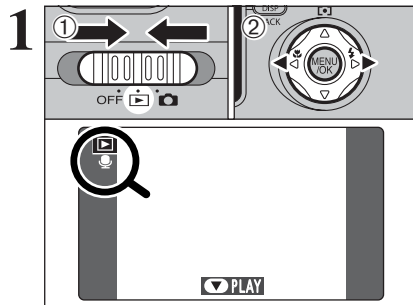
① Set the Power switch to "▶".
② Press "◀" or "▶" to select an image file that has a voice memo.

🔊 Voice memos can not be played back using multi-frame playback. Press the "DISP (BACK)" button twice to select single-frame playback.

Indicated by the "🎤".

2
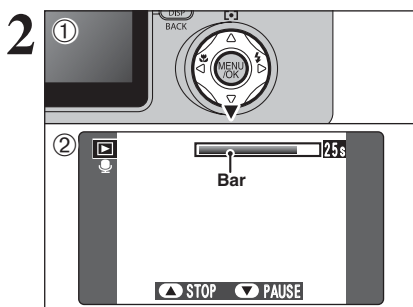
① Press "▼" to play the voice memo.
② The playback time appears on the LCD monitor along with a progress bar.

🔊 When the sound is difficult to hear, adjust the volume (➡P.84).

Bar

Take care not to block the speaker.

Speaker
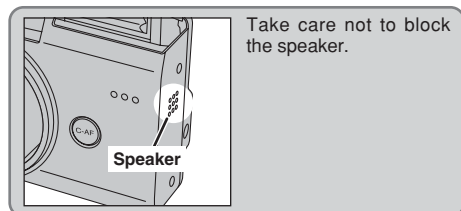
■ Playing back voice memos

	Control	Description
Playback		The voice memo stops when playback ends.
Pause/Resume		Pauses the voice memo during playback. Press "▼" again to resume playback.
Stop		Stops playback. ✽ Press "◀" or "▶" while voice memo playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward/ Rewind	Rewind Fast forward	Press "◀" or "▶" during playback to skip forwards or backwards through the voice memo. ✽ These buttons do not function while playback is paused.

◆ **Compatible voice memo files** ◆

You can use your FinePix F810 to playback voice memos recorded on this camera or voice memos up to 30 seconds long recorded onto a **xD-Picture Card** using a FUJIFILM digital camera.

1
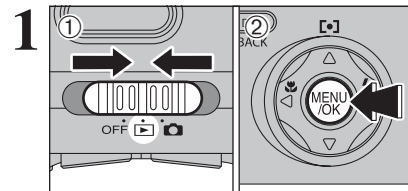
① Set the Power switch to "▶".
② Press the "MENU/OK" button to display the menu on the LCD monitor.

🔊 Trimming does not change the WIDE/STD aspect ratio of the image.

2
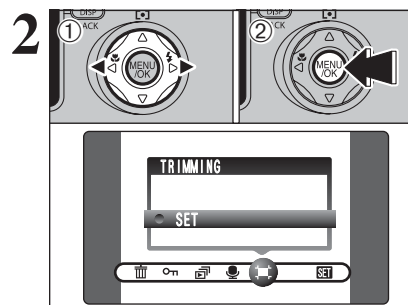
① Press "◀" or "▶" to select "🔲" TRIMMING.
② Press the "MENU/OK" button.

TRIMMING

SET

3
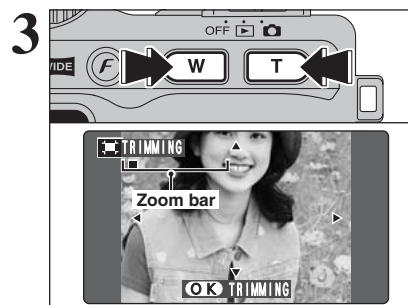
Press the "**T**" button or "**W**" button during single-frame playback to zoom in (enlarge) or out on a still image. A zoom bar appears.

🔲 TRIMMING

Zoom bar

🆗 TRIMMING

🔊 Press the "DISP (BACK)" button to return to single-frame playback.

A saved image size varies depending on the zoom scale. For 0.3M, the "🆗 TRIMMING" option appears in yellow.

4
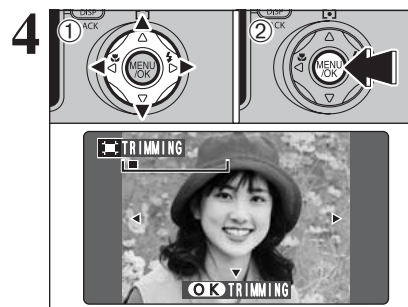
① Press "▲", "▼", "◀" or "▶" to display another area.
② Press the "MENU/OK" button to trim the image.

🔲 TRIMMING

🆗 TRIMMING

🔊 Press the "DISP (BACK)" button to return to single-frame playback.

3

Advanced Features

5
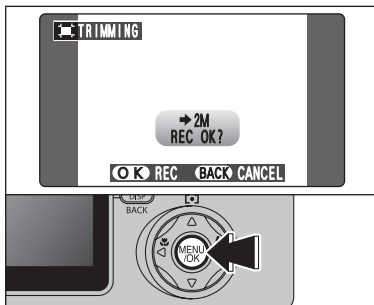
Check the saved image size and press the "MENU/OK" button. The trimmed image is added as a separate file in the final frame.

■ Image sizes

6M, 6M	Printing at up to 10R (25.4 × 30.5 cm) / A4 size
3M, 3M	Printing at up to 6R (15.2 × 20.3 cm) / A5 size
2M, 2M	Printing at up to 4R (10.2 × 15.2 cm) / A6 size
03M, 03M	To use for e-mail or web site

DPOF ™

DPOF stands for Digital Print Order Format and refers to a format that is used for recording printing specifications for images shot using a digital camera on media such as an **xD-Picture Card**. The recorded specifications include information on which frames are to be printed.

This section gives a detailed description of how to order your prints with the FinePix F810.

❋ 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 ?

DPOF SPECIFIED. ERASE ALL OK ? (➡P.66)

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

RESET DPOF OK ? (➡P.76)

When inserting an **xD-Picture Card** that contains images specified for printing on by another camera, those print specifications are all reset and replaced by the new print specifications.

DPOF FILE ERROR (➡P.118)

Up to 999 images can be specified on the same **xD-Picture Card**.

❋ When prints of images with DPOF print order settings are ordered, only one print size can be specified (e.g. all 10 × 15/9 × 13 cm size or all HV/H/10 × 18 (cm) size). Specify separate print orders for the respective print sizes. Some stores may not support the specified print sizes. Check with the store for details.

3

Advanced Features

1

① Set the Power switch to "▶".
② Press the "_F_" button.

2

Press "◀" or "▶" to select "🖪" DPOF.

100–0009

7/ 1/2004 10:00 AM

"🖪" appears on the LCD monitor during playback when the image has specified with DPOF setting.

DPOF
WITHOUT DATE
WITH DATE

3
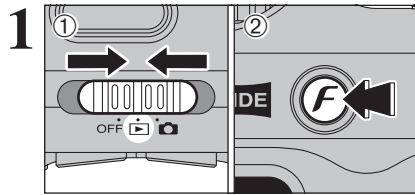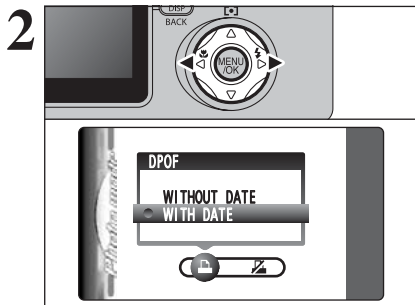
① Press "▲" or "▼" to select "WITH DATE" or "WITHOUT DATE". Selecting "WITH DATE" will cause the date to be imprinted on your prints.
② Press the "MENU/OK" button.

DPOF
WITHOUT DATE
WITH DATE

⚠ When selecting the "WITH DATE" setting, the date is imprinted on your shots using the Print Service or a DPOF-compatible printer (depending on the printer specifications, the date may not be printed in some cases).

◆ **When DPOF settings were specified on another camera** ◆

🖪 100–0009

RESET DPOF OK?

OK YES BACK NO
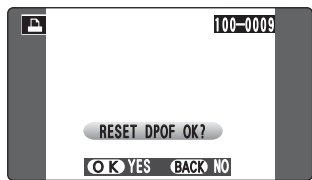
When the data includes a frame (file) with DPOF setting that were specified on another camera, "RESET DPOF OK ?" appears.
Pressing the "MENU/OK" button (or "_F_" button) erases all of the DPOF settings already specified for each frame (file). Specify the DPOF setting for each frame (file) again.

⚠ Press the "DISP (BACK)" button to leave the previous settings unchanged.

4

🖪 🗗 DPOF: 00009   100–0009

Total number of prints

01 SHEETS

Setting for that frame

OK SET ◀▶ FRAME
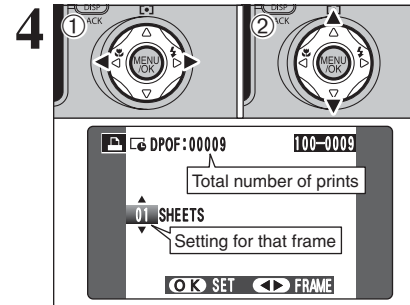
① Press "◀" or "▶" to display the frame (file) for which you want to specify DPOF settings.
② Press "▲" or "▼" to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).
To specify more DPOF settings, repeat steps ① and ②.

⚠ Prints of up to 999 image frames (files) can be ordered on the same **xD-Picture Card**.
⚠ DPOF settings cannot be specified for movie and CCD-RAW.

Pressing the "DISP (BACK)" button during the settings, all the new settings are cancelled. If there were previous DPOF settings, only the modifications are cancelled.

5

🖪 🗗 DPOF   100–0009
🖪

Total number of prints

TOTAL/   9SHEETS
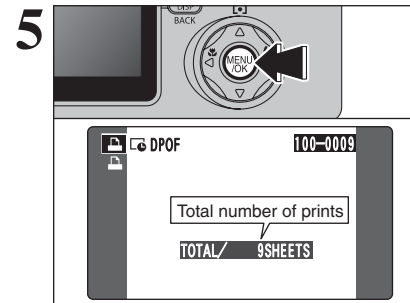
Always press the "MENU/OK" button (or "_F_" button) after the settings are completed.
Pressing the "DISP (BACK)" button, no DPOF settings are specified.

◆ **Canceling a frame** ◆

To cancel the DPOF setting for a frame (file) you have specified (cancel frame), perform steps **1** to **3** and then:
① Press "◀" or "▶" to select the frame (file) with the DPOF setting you want to cancel.
② Set the number of prints to 0(zero).
To cancel the DPOF setting for another frame (file), repeat steps ① and ②.
Press the "MENU/OK" button (or "_F_" button) to complete the settings.

3

Advanced Features
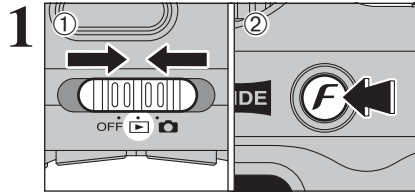
1 ① Set the Power switch to "▶".
② Press the "**F**" button.
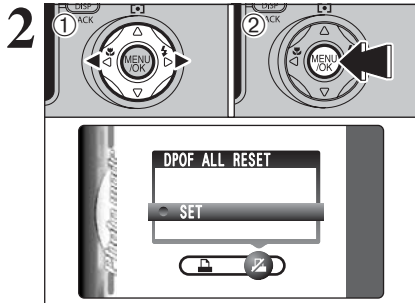
2 ① Press "◀" or "▶" to select "⚡" DPOF ALL RESET.
② Press the "MENU/OK" button.

DPOF ALL RESET

SET
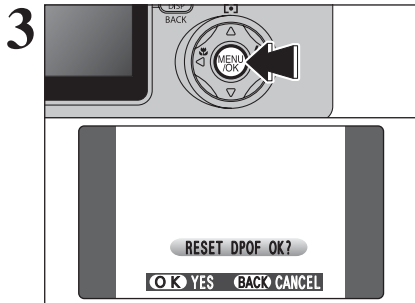
3 A message appears.
To reset all the DPOF settings, press the "MENU/OK" button (or "**F**" button).

RESET DPOF OK?
OK YES **BACK** CANCEL

Areas not printed

To print images shot with the "WIDE/STD" switch set to "WIDE" at their actual size, instruct the store to use the "HV/H/10 × 18 (cm)" size. (Some stores may not support this size.)
If this specification is not used, the images will be printed at the 10 × 15/9 × 13 cm size and roughly 8% will be cropped from the left and right sides of the image. Check with the print processing store for more information.

◆ **To print the photographed area** ◆

■ **Using your own printer (inkjet printer, etc.)**
● **Printing from a PC**
Install FinePixViewer on the PC from the CD-ROM supplied with the camera before printing your images.

⚠ Refer to the instruction manual for the printer for information on the printer settings.
⚠ When using other software to print images, refer to the instruction manual for that software.

● **Printing with the camera connected directly to the printer (PictBridge function)**
The left and right sides of the images may cropped during printing. The print size is specified on the printer itself. Refer to the printer instruction manual for details.

● **Printing by loading media directly into the printer**
When printing on a printer, refer to the printer instruction manual.

■ **Using the FUJICOLOR Digital Camera Print Service**
● **Ordering prints over the Internet**
When ordering prints, specify HV/H/10 × 18 (cm) size as the print size for the images to be printed. The print cost varies according to the size. Check with the store for specific information.

● **Using an in-store self-service digital printing system**
Check with the store as to whether the system supports HV/H/10 × 18 (cm) size prints.

● **Ordering prints at a print processing store**
If you do not specify the print size, the images will all be printed at the 10 × 15/9 × 13 cm size (with the left and right edges of the image cropped).

● To specify HV/H/10 × 18 (cm) size
The HV/H/10 × 18 (cm) size should be specified in orders for images shot using the WIDE setting. Specifying the HV/H/10 × 18 (cm) size in the print order allows images to be printed with little or no cropping of the left and right edges.
HV/H/10 × 18 (cm) size prints should be specified by file numbers. Files numbers are displayed on the camera as, for example, "100-0001". On a PC, the folder and file names are displayed as, for example, "100_fuji" and "DSCF0001" respectively. The print cost varies according to the size. Check with the store for specific information.
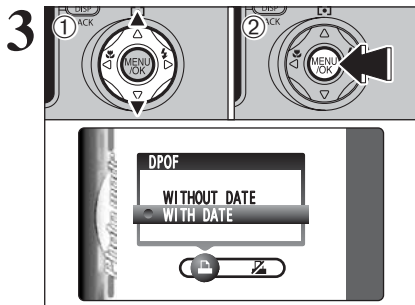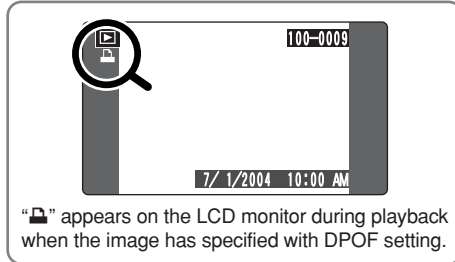
● When prints of images with DPOF print order settings are ordered
Only one print size can be specified (e.g. all 10 × 15/9 × 13 cm size or all HV/H/10 × 18 (cm) size). Specify separate print orders for the respective print sizes. Some stores may not support the specified print sizes. Check with the store for details.

3

Advanced Features

🎥 RECORDING MOVIES
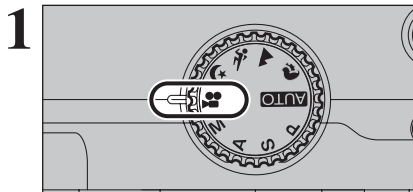
1

Set the Mode dial to "🎥".

Use "🎥" Movie mode to record movies with sound.

● **Specifications**

Motion JPEG with monaural sound

● **Quality selection method**

STD: 640 (640 × 480 pixels)

320 (320 × 240 pixels)

WIDE: 640 (640 × 360 pixels)

320 (320 × 184 pixels)

● **Frame rate**

30 frames per second (fixed)

See P.125 for information on the frame rate.

🔊 See P.82 for information on changing the quality setting.

🔊 The available recording time for a movie may decrease depending on the amount of free space on the **xD-Picture Card**.

🔊 Because a movie is recorded onto the **xD-Picture Card** as it is saved, it cannot be recorded correctly if the camera suddenly loses power (if you open the battery cover or disconnect the AC power adapter).

It may not be possible to playback your movies on other cameras.

■ **Recording times for xD-Picture Card**

✳ These figures are the available recording times using a new **xD-Picture Card** formatted on the camera. The actual recording times will vary depending on the free space available on the **xD-Picture Card**.

	Quality (STD:Standard mode)		Quality (WIDE:Widescreen mode)	
	640 (30 frames per second)	320 (30 frames per second)	640 (30 frames per second)	320 (30 frames per second)
DPC-16 (16 MB)	18 sec.	26 sec.	18 sec.	34 sec.
DPC-32 (32 MB)	36 sec.	54 sec.	36 sec.	70 sec.
DPC-64 (64 MB)	73 sec.	109 sec.	73 sec.	141 sec.
DPC-128 (128 MB)	147 sec.	219 sec.	147 sec.	283 sec.
DPC-256 (256 MB)	296 sec.	7.3 min.	296 sec.	9.4 min.
DPC-512 (512 MB)	9.8 min.	14.6 min.	9.8 min.	18.9 min.
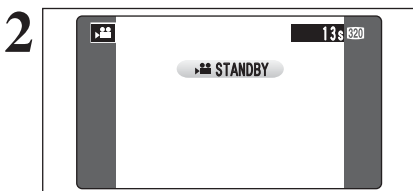
2

The available recording time and "🎥STANDBY" appear on the LCD monitor.

🔊 Because sound is recorded concurrently with the images, make sure that you do not cover the microphone with a finger, etc. (➡P.8).
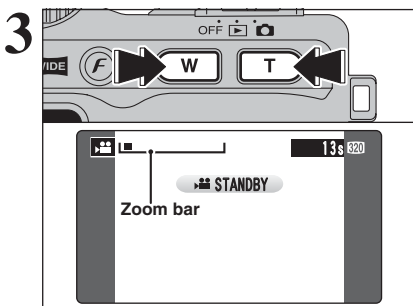
3

Press the Zoom button to zoom in or out before you start recording. You must zoom beforehand as you cannot zoom during recording.

● **Optical zoom focal length (35 mm camera equivalent)**

STD (Standard mode): approx. 32.5 mm-130 mm

WIDE (Widescreen mode): approx. 35.5 mm-142 mm

Max. zoom scale: 4×

● **Focal range**

Approx. 60 cm (2.0 ft.) to infinity

Zoom bar
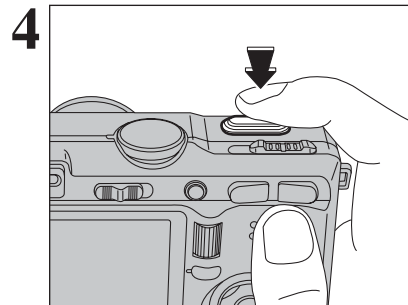
4

Press the shutter button down fully to start recording.

🔊 The brightness and color of the LCD monitor shown during movie recording may differ from those shown before recording begins.

🔊 Do not need to hold down the shutter button.

Pressing the shutter button down fully fixes the focus, however the exposure and white balance are adjusted for the scene being shot.

5

●REC 7s 320
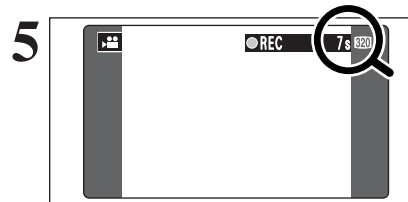
A counter appears in the top-right corner of the LCD monitor during recording shows the remaining time.

🔊 If the brightness of the subject changes during movie recording, the sound of lens operation may be recorded.

🔊 Some wind noise may be recorded in shots taken outdoors.

🔊 When the remaining time runs out, recording ends and the movie is saved onto the **xD-Picture Card**.

6
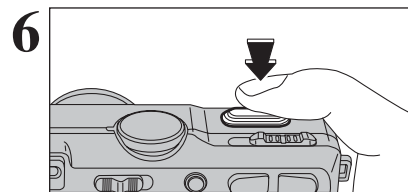
Press the shutter button during recording to end recording.

🔊 If recording is stopped immediately after it begins, 1 second of movie is recorded onto the **xD-Picture Card**.

3

Advanced Features

← QUALITY SETTINGS IN MOVIE MODE
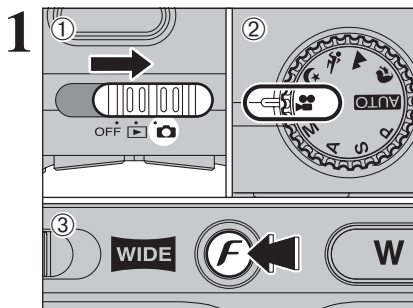
1

① Set the Power switch to "📷".
② Set the Mode dial to "🎬".
③ Press the "F" button.

⚠ In "🎬" Movie mode, do not set the "ISO" (sensitivity) setting.
⚠ In "🎬" Movie mode, do not set the "🎨" FinePix COLOR setting.

> The quality setting is retained even when the camera is off or the Mode dial setting is changed.

2
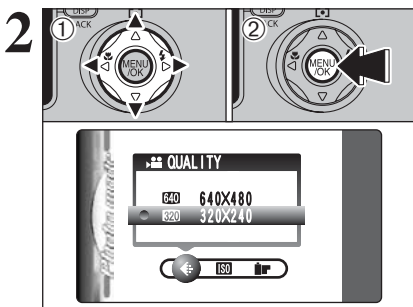
① Press "◀" or "▶" to select the "←" QUALITY setting and then press "▲" or "▼" to change the setting.
② Press the "MENU/OK" button to confirm the setting.

■ Quality settings

STD (Standard mode)	640 (640 × 480)	for better quality
	320 (320 × 240)	to record longer movies
WIDE (Widescreen mode)	640 (640 × 360)	for better quality
	320 (320 × 184)	to record longer movies

PLAYING BACK MOVIES

1
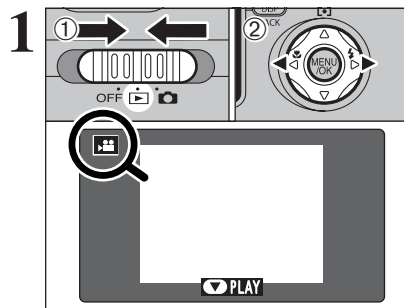
① Set the Power switch to "▶".
② Press "◀" or "▶" to select the movie file.

⚠ Movies cannot be played back using multi-frame playback. Press the "DISP (BACK)" button twice to select single-frame playback.

> Indicated by the "🎬" icon.

2
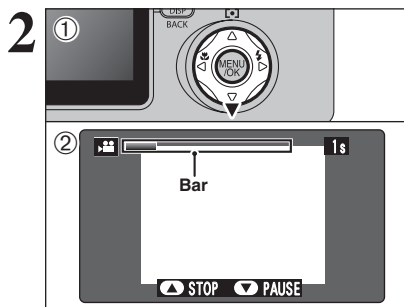
① Press "▼" to play the movie.
② The playback time appears on the LCD monitor along with a progress bar.

Bar

⚠ Take care not to block the speaker.
⚠ When the sound is difficult to hear, adjust the volume (➡P.84).
⚠ If the subject of the shot is very bright, white vertical streaks or black horizontal streaks may appear in the image during playback. This is normal.

> Movies are displayed one size smaller than still images.

■ Playing back movies

	Control	Description
Playback		Playback begins. Playback stops when the end of the movie is reached.
Pause/Resume		Pauses the movie during playback. Press "▼" again to resume playback.
Stop		Stops playback. ✽ Press "◀" or "▶" while playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward/ Rewind	Rewind Fast forward	Press "◀" or "▶" during playback to skip forwards or backwards through the movie.
Skip playback	When paused	Press "◀" or "▶" when the movie is paused, the movie advances or goes back one frame. Hold down "◀" or "▶" to move through the frames quickly.

◆ Playing movie files ◆

• You may not be able to play some movie files recorded on other cameras.
• To play back movie files on a PC, save the movie file on the **xD-Picture Card** to the PCs hard disk and then play back the saved file.
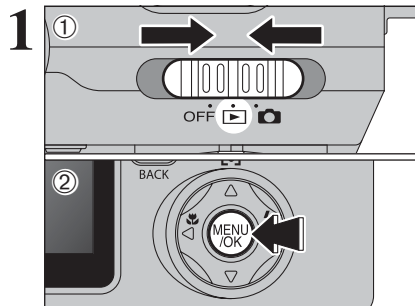
3

Advanced Features

☼ ADJUSTING THE MONITOR BRIGHTNESS / VOLUME

1

① Set the Power switch to "📷" or "▶".
② Press the "MENU/OK" button to display the menu on the LCD monitor.

OFF ▶ 📷

BACK

MENU/OK

2
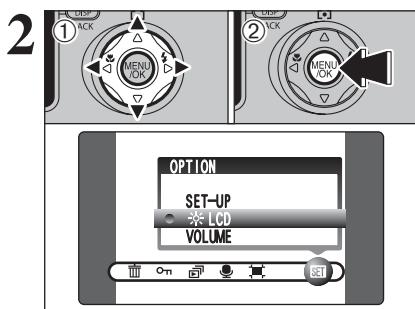
① Press "◀" or "▶" to select "🎛" OPTION and then press "▲" or "▼" to select "☼ LCD" or "VOLUME".
② Press the "MENU/OK" button.

OPTION

SET-UP
☼ LCD
VOLUME

3
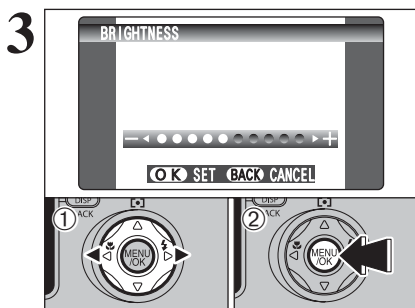
① Press "◀" or "▶" to adjust the monitor brightness or the volume.
② Press the "MENU/OK" button to confirm the new setting.

BRIGHTNESS

— ◀ ○○○○○○○○○○○○ ▶ +

O K SET **BACK CANCEL**

◆ **SET-UP menu options** ◆

The options available in the 🎛 menu vary depending on whether the "📷" or "▶" mode is selected.

● "AUTO, 🌷, ▲, 🎿, ☽, P, S, A, M" Photography mode

OPTION

SET-UP
☼ LCD

● "🎬" Movie mode

OPTION

SET-UP
☼ LCD

● "▶" Playback mode

OPTION

SET-UP
☼ LCD
VOLUME

*In P, S, A, M

84
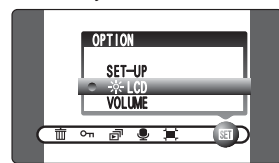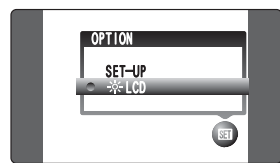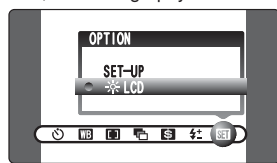
SET-UP

🎛 USING THE SET-UP SCREEN
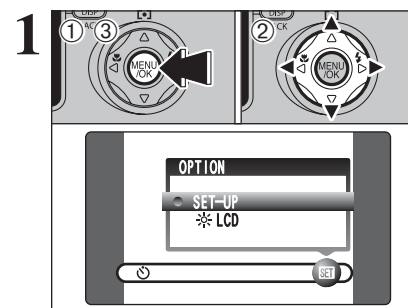
1

① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "🎛" OPTION and then press "▲" or "▼" to select "SET-UP".
③ Press the "MENU/OK" button to display the SET-UP screen.

OPTION

SET-UP
☼ LCD

SET

⚠ Always turn the camera off when replacing the battery. Opening the battery cover or disconnecting the AC power adapter without turning the camera off may cause the camera settings to revert to the factory default values set at shipment.

2

Press "◀" or "▶" to move to option 1 to 4.

SET-UP

◀ **1** 2 3 4 ▶

IMAGE DISP.   :ON
POWER SAVE   :2 MIN
FORMAT   :OK
📷 LCD   :ON

O K SET **BACK CANCEL**

3
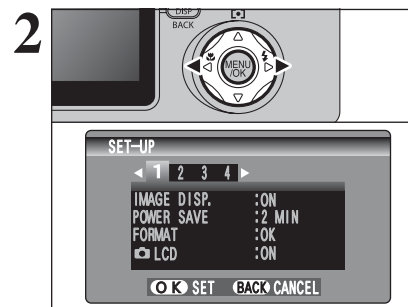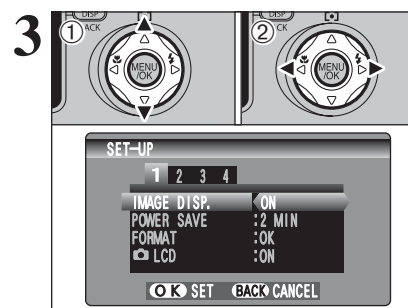
① Press "▲" or "▼" to select a menu option.
② Press "◀" or "▶" to change the setting. Press "▶" for "FORMAT", "DATE/TIME", "TIME DIFFERENCE" or "📷 RESET".

SET-UP

1 2 3 4

IMAGE DISP.   :ON
POWER SAVE   :2 MIN
FORMAT   :OK
📷 LCD   :ON

O K SET **BACK CANCEL**

4
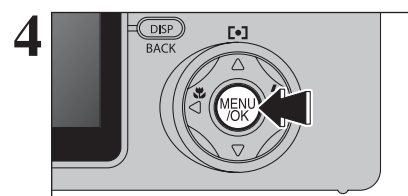
DISP
BACK

MENU/OK

After you have changed the settings, press the "MENU/OK" button to confirm the changes.

4

Settings

Continued 85

■ SET-UP menu options

	Settings	Display	Factory default	Explanation	page
1	IMAGE DISP.	ON/OFF/PREVIEW	ON	Specifies whether the preview images (the photographed images) are displayed after taking a picture.	87
	POWER SAVE	2 MIN/5MIN/OFF	2 MIN	Reduces the camera's power consumption and to subsequently turn the camera off when not being used.	88
	FORMAT	OK	–	Erases all files.	88
	🔲 LCD	ON/OFF	ON	Specifies whether the LCD monitor is ON or OFF when the camera is turned on in Photography mode.	–
2	🔊 BEEP	OFF/1/2/3	2	Sets the volume of the tone emitted when the camera controls are used.	–
	🔊 SHUTTER	OFF/1/2/3	2	Sets the volume of the sound emitted when the shutter operates.	–
	DATE/TIME	SET	–	Corrects the date or time.	16
	TIME DIFFERENCE	SET	–	Specifies the time difference settings.	89
3	AF ILLUMINATOR	ON/OFF	ON	Specifies whether the AF-Assist illuminator is ON or OFF.	–
	FRAME NO.	CONT./RENEW	CONT.	Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.	90
	USB MODE	🖳⇆/🔲WEB/🖨⇆	🖳⇆	🖳⇆: DSC (Mass storage device) mode This mode provides a simple way to read images from an **xD-Picture Card** and store images onto an **xD-Picture Card**.	103
				🔲 WEB: WEB CAM (WEB Camera) mode This function allows you to conduct videoconferencing sessions between PCs connected to the Internet. ✽ Windows XP SP1 only	102
				🖨⇆: PictBridge If a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a computer.	109
	🅁🅰🅆 CCD-RAW	OFF/ON	OFF	Sets the image quality to CCD-RAW. Because no image processing is performed on the camera for CCD-RAW images, images must be processed on a PC.	91
4	言語/LANG.	日本語/ENGLISH/FRANCAIS/DEUTSCH/ESPAÑOL/中文	ENGLISH	Specifies the language used for LCD monitor display.	–
	VIDEO SYSTEM	NTSC/PAL	–	Specifies whether video output is set to NTSC or PAL.	–
	🔲 RESET	OK	–	Resets all the camera settings (other than the DATE/TIME, TIME DIFFERENCE, LANG. and VIDEO SYSTEM) to the factory default values set at shipment. A confirmation message appears when you press "▶". To reset the camera settings, press the "MENU/OK" button again.	–

IMAGE DISPLAY
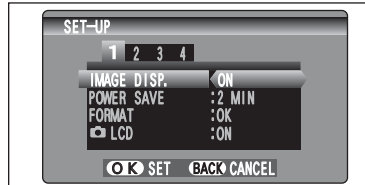
Use this setting to specify whether images are displayed after shooting.

ON: Images are displayed for 2 seconds and then automatically recorded.

OFF: Images are recorded without being displayed.

PREVIEW: The results of your shot are shown as a preview (for image checking) and you can then choose whether or not to record the image.
- To record the image:
  Press the "MENU/OK" button.
- To discard the image:
  Press the "DISP (BACK)" button.
  The preview zoom can be also used.

🔹 In Long-period continuous shooting, the images do not appear.

🔹 In top 4-frame continuous shooting, and final 4-frame continuous shooting, the images appear for a set time before being recorded even when "OFF" is selected here.

🔹 The color tones in images displayed when "ON" is selected may differ slightly from those in the images actually recorded.

Preview zoom

When the "PREVIEW" setting is selected, this function lets you enlarge images for detailed checking.
① Press the Zoom button to zoom in or out.
② Press "▲", "▼", "◀" or "▶" to display another part of the image.

🔹 A ruined image can not be saved from the preview function.

🔹 Preview zoom works in the same way as the playback zoom (➡P.31).

Continuous shooting preview (image checking)

When the "PREVIEW" setting is selected, images shot can be checked in the top 4-frame continuous shooting, final 4-frame continuous shooting or auto bracketing modes.
However, you cannot use the preview zoom.
① Press "◀" or "▶" to check the images.
② Press the "MENU/OK" button to record all the images.

🔹 If the "DISP (BACK)" button is pressed, recording of images stops.

4

Settings

POWER SAVE SETTING

SET-UP

1 2 3 4
IMAGE DISP. :ON
POWER SAVE 2 MIN
FORMAT :OK
📷 LCD :ON

OK SET **BACK** CANCEL
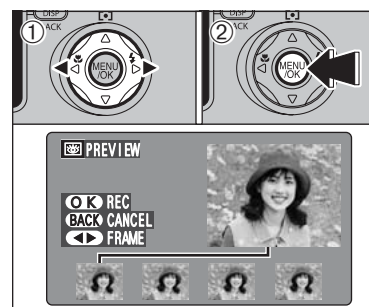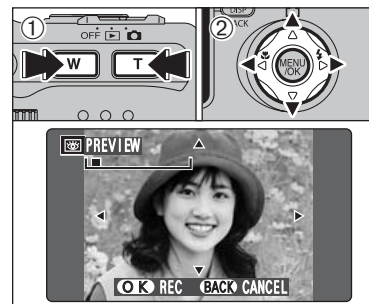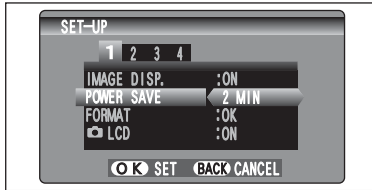
When this function is enabled and the camera is not used for 60 seconds, the screen temporarily turns off (sleep mode) and the viewfinder lamp blinks at 1-second intervals to save power. If the camera remains unused for 2 or 5 minutes, it is turned off. Use this function when you want to get the maximum possible running time from your battery.

🖉 The Power save setting is disabled during automatic playback and when a USB connection is being used.

The Sleep function does not operate in SET-UP or Playback mode, but the camera will turn off if it is left unused for a set some time (2 or 5 minutes).
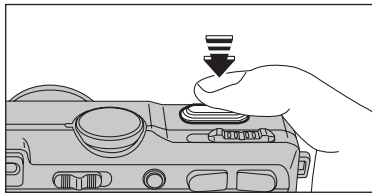
When the camera is in sleep mode, pressing the shutter button down halfway wakes the camera up.

🖉 Pressing any other button as well as the shutter button wakes the camera up.

◆ **To restore power to the camera** ◆

① ②

OFF ▶ 📷   OFF ▶ 📷
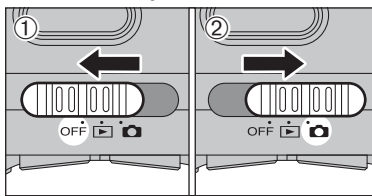
When the Power save function (2 or 5 minutes setting) has shut the camera down:
① Set the Power switch to "OFF".
② Set the Power switch back to "📷" or "▶".

FORMAT

FORMAT

FORMAT OK?
ERASE ALL DATA
OK ◄ ► CANCEL

OK SET

① ②
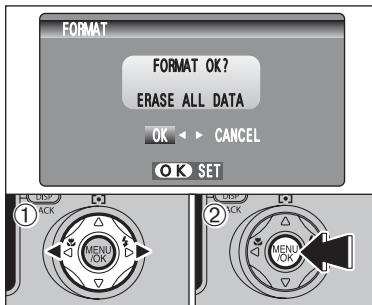
Initialize (format) the **xD-Picture Card** for use with the camera.
Because initializing the **xD-Picture Card** erases all the frames (files), including protected frames (files). Back up important frames (files) onto your PC or another media.
① Press "◄" or "►" to select "OK".
② Pressing the "MENU/OK" button erases all the frames (files) and initializes the **xD-Picture Card**.

🖉 If " CARD ERROR ", " WRITE ERROR ", " READ ERROR " or " CARD NOT INITIALIZED " appears, see P.118 for information before formatting the **xD-Picture Card**.

WORLD TIME (TIME DIFFERENCE)

This function sets a time difference relative to the date and time currently set. When this setting is enabled, the specified time difference is applied when pictures are taken.
Use this function when traveling to destinations in different time zones.

1

TIME DIFFERENCE

LOCATION ⌂ HOME
TIME DIFFERENCE SET

7/ 1/2004 12:00 AM

OK SET **BACK** CANCEL
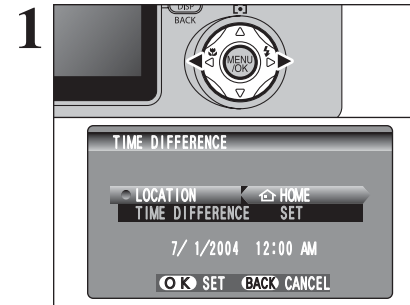
Press "◄" or "►" to change between "⌂ HOME" and "✈ LOCAL".
To set the time difference, select "✈ LOCAL".

⌂ **HOME:** Your home time zone
✈ **LOCAL:** Your destination time zone

2

TIME DIFFERENCE

LOCATION ✈ LOCAL
TIME DIFFERENCE SET ►

7/ 1/2004 12:00 AM

OK SET **BACK** CANCEL

① ②
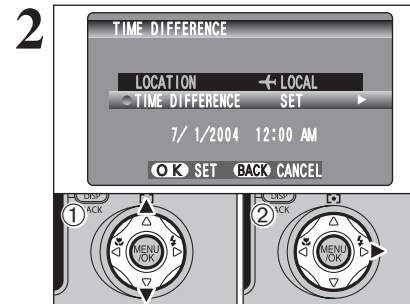
① Press "▲" or "▼" to select "TIME DIFFERENCE".
② Press "►".

3

TIME DIFFERENCE

✈ 00 : 00

7/ 1/2004 12:00 AM

OK SET **BACK** CANCEL

① ②
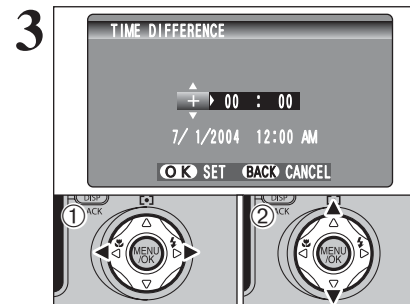
① Press "◄" or "►" to select +, –, hour and minute.
② Press "▲" or "▼" to correct the setting.

● **Available time setting**
−23:45 to +23:45 (in 15-minute increments)

4

Settings

4

Always press the "MENU/OK" button after the settings are completed.

5
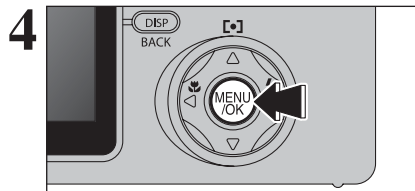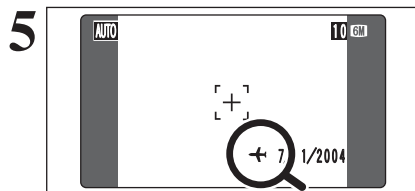
When the Photography mode is selected with world time set, "✛" appears on the LCD monitor for 3 seconds.

Upon returning from a trip, always change the World time setting back to "⌂ HOME".

FRAME NO.

< **CONT.** > < **RENEW** >

A	0001	0001
	⋮	⋮
	0005	0005
B	0006	0001
	⋮	⋮
	0010	0005

❋ Formatted **xD-Picture Card** used for both A and B.

Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.

CONT. : Pictures are stored beginning from the highest file number stored on the last **xD-Picture Card** used.

RENEW: Pictures are stored on each **xD-Picture Card** beginning with a file number "0001".

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

🖊 When the camera settings are "⌂ RESET", the frame number setting ("CONT." or "RENEW") is changed to "CONT." and the frame number itself does not return to "0001".

🖊 When the **xD-Picture Card** already contains image files with file numbers higher than the highest file number on the last **xD-Picture Card**, images are stored beginning from the highest file number on the current **xD-Picture Card**.

Directory number
File number
Frame number
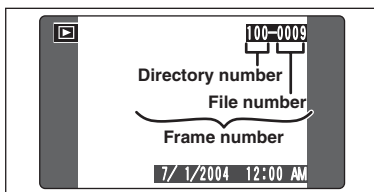
Check the file number by viewing the image. The last 4 digits of the 7-digit number in the top right corner of the LCD monitor are the file numbers, while the first 3 digits show the directory number.

🖊 When changing the **xD-Picture Card**, always turn the camera off before opening the battery cover. Opening the battery cover without turning the camera off may cause the frame number memory to not function.

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

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

🖊 When "FRAME NO. FULL" appears, see P.118.

CCD-RAW

Setting CCD-RAW to ON disables the signal processing functions (reconstituting the data received from the CCD as an image) performed on the camera. Consequently, this task must be performed on the PC.

Use the bundled RAW FILE CONVERTER LE software to perform the processing on a PC. Conversion using RAW FILE CONVERTER LE also provides a simple way to create TIFF-format images.

❋ To rebuild images, FinePixViewer (on the bundled CD-ROM) must be installed on your PC.

■ The functions listed below cannot be used in CCD-RAW mode.

During shooting	Widescreen mode shooting, Digital zoom, Continuous shooting and FinePix Photo mode (image quality, sensitivity (ISO 800) and FinePix COLOR) are unavailable.
During playback	Playback image quality is fixed at 2M (1600 × 1200). Playback can be zoomed up to approx. 11.9×, but trimmed images cannot be saved.

4

Settings

5.1 INSTALLATION ON A Windows PC

Pre-installation checklist

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Operating System*1	Windows 98 (including the Second Edition) Windows Millennium Edition (Windows Me) Windows 2000 Professional*2 Windows XP Home Edition*2 Windows XP Professional*2
CPU	200 MHz Pentium or better recommended (800 MHz Pentium III or better recommended for Windows XP)
RAM	64MB minimum (128 MB minimum for Windows XP) Minimum 256 MB when RAW FILE CONVERTER LE is used
Hard disk space	Amount required for installation: 450 MB minimum Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better) Minimum 1 GB when RAW FILE CONVERTER LE is used
Display	800 × 600 pixels or better, 16-bit color or better (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection*3	• To use the FinePix Internet Service or mail attachment function: An Internet connection and e-mail transmission software • Connection speed: 56 k or better recommended

✻1 Models with one of the above operating systems pre-installed.
✻2 When you install the software, log in using a system administrator account (e.g. "Administrator").
✻3 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ **Notes** ◆

• Connect the camera directly to the PC using the USB cable (included). The software may not operate correctly when you use an extension cable or connect the camera via a USB hub.
• When your PC has more than one USB port, the camera can be connected to either port.
• Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
• Additional USB interface board is not guaranteed.
• Windows 95 and Windows NT cannot be used.
• Operation is not guaranteed on home-built PCs or on PCs running updated operating system software.
• When you reinstall or remove FinePixViewer, the Internet menu and your user ID and password for the FinePix Internet Service are deleted from your PC. Click the [Register now] button, enter your registered user ID and password and download the menu again.
• To use Video Chat, a PC running Windows XP Professional (Service Pack 1) or Windows XP Home Edition (Service Pack 1) is required with a sound card, a connected microphone and speakers, and Windows Messenger 5.0 or later installed. When using a router, check that the router is compatible with Windows Messenger.

Do not connect the camera to your PC until the software installation is completed.

1 Install FinePixViewer as instructed in the Quick start guide.

◆ **Launching the installer manually** ◆

① Double-click the "My Computer" icon.
✻ Windows XP users should click "My Computer" in the "Start" menu.
② Right-click "FINEPIX" (CD-ROM drive) in the "My Computer" window and select "Open".
③ Double-click "SETUP" or "SETUP.exe" in the CD-ROM window.
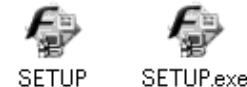
SETUP   SETUP.exe

✻ The way file names are displayed differs as described below depending on your PC settings.
  • File extensions (3-letter suffixes indicating the file type) may be shown or hidden. (e.g. Setup.exe or Setup)
  • Text may be shown normally or all in uppercase (e.g. Setup or SETUP).

◆ **Installing other applications** ◆

You may see messages for installing, ImageMixer VCD2 for FinePix and WINASPI. Install these applications as directed by the on-screen instructions. The installation screens for these applications are displayed as required.

2 After restarting the PC, install DirectX as directed by the on-screen instructions and then restart your PC again. If the latest version of DirectX is already installed on your PC, this installation is not performed.

If the latest version is already installed, this window does not appear.
Do not remove the CD-ROM during this procedure.

3 After restarting, the USB Video Class driver would be installed.

If the latest version is already installed, this window does not appear.
The driver is only installed on Windows XP SP 1.

USB Video Class Driver is installed.
It might take about 3 minutes.
When installation is completed, the system will automatically restart.
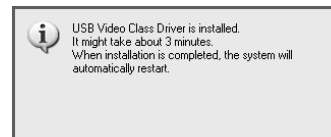
4 After restarting the PC, "Installation of the FinePixViewer has been completed" message appears.

5.2 INSTALLATION ON A Mac OS 9.2

Pre-installation checklist

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3[*1], PowerBook G3[*1], Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube or PowerBook G4
Operating System	Mac OS 9.2.2[*2]
RAM	64 MB minimum[*3] Minimum 256 MB when RAW FILE CONVERTER LE is used (When using ImageMixer VCD2 for FinePix: 128 MB or better)
Hard disk space	Amount required for installation: 400 MB minimum Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better) Minimum 1 GB when RAW FILE CONVERTER LE is used
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection[*4]	• To use the FinePix Internet Service or mail attachment function An Internet connection and e-mail transmission software • Connection speed: 56 k or better recommended

✽1 Models with a USB port as a standard feature
✽2 This software does not run correctly in the Mac OS X Classic environment.
✽3 Turn virtual memory on if necessary.
✽4 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ **Notes** ◆

• Connect the camera directly to the Macintosh using the USB cable (included). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
• Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
• Additional USB interface board is not guaranteed.
• On Macintosh PCs, allocate at least 400 MB of virtual memory when RAW FILE CONVERTER LE is used. If other applications will be used at the same time, allocate the additional amount required for those applications also.

1 Turn on your Macintosh and start up Mac OS 9.2.2.

 Do not connect the camera to your Macintosh until the software installation is completed.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the [FinePix] volume appears. Double-click the volume icon to open the volume window.

3 Double-click "Installer for MacOS9" to launch the Installer.

4 The Installer setup screen appears. Click the [Installing FinePixViewer] button.

 For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

5 A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.

6 The User License Agreement for this software appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Agree] button. If you click the [Disagree] button, the software is not installed.

7 Select the installation destination for FinePixViewer.
① Click the [Open] button to open the installation destination folder.
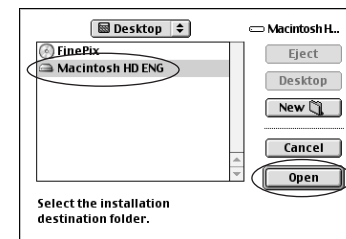
② Click the [Save] button.
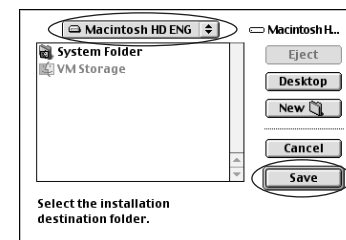
8 Install ImageMixer VCD2 for FinePix as directed by the on-screen instructions.

5

Software Installation

9 After restarting the Macintosh, the "FinePixViewer installation completed" message appears. Click "Using FinePixViewer" to view the basic FinePixViewer functions.

10 To install Acrobat Reader, click "Install Acrobat Reader".

Install Adobe Systems' Acrobat Reader software to read the FinePixViewer User's Guide (PDF).
If the latest version already has been installed, this step is not required.

11 Proceed with the installation as directed by the on-screen instructions.

◆ **To install Acrobat Reader later...** ◆

① Double-click the "FinePix" CD-ROM to open the CD-ROM window.
② Double-click "FinePixViewer for MacOS9" ➡ "Acrobat Reader" ➡ "English" folder.
③ Double-click "English Reader Installer".
④ Proceed with the installation as directed by the on-screen instructions.

Pre-installation checklist

■ Hardware and software requirements

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3[*1], PowerBook G3[*1], Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube, or PowerBook G4, Power Macintosh G5
Operating System	Mac OS X (compatible with version 10.2.6 to 10.3.3)
RAM	192 MB minimum Minimum 256 MB when RAW FILE CONVERTER LE is used
Hard disk space	Amount required for installation: 200 MB minimum Amount required for operation: 400 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better) Minimum 1 GB when RAW FILE CONVERTER LE is used
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection[*2]	• To use the FinePix Internet Service or mail attachment function An Internet connection and e-mail transmission software • Connection speed: 56 k or better recommended

*1 Models with a USB port as a standard feature
*2 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ **Notes** ◆

• Connect the camera directly to the Macintosh using the USB cable (included). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
• Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
• Additional USB interface board is not guaranteed.
• On Macintosh PCs, allocate at least 400 MB of virtual memory when RAW FILE CONVERTER LE is used. If other applications will be used at the same time, allocate the additional amount required for those applications also.

5

Software Installation

5.3 INSTALLATION ON A Mac OS X

1 Turn your Macintosh on and start up Mac OS X. Do not launch any other applications.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the "FinePix" icon appears. Double-click the "FinePix" icon to open the "FinePix" volume window.
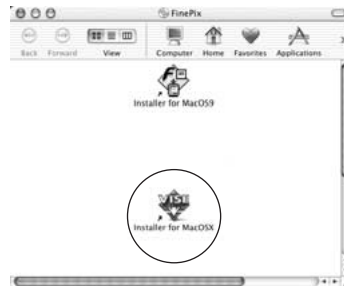
3 Double-click "Installer for MacOS X".

4 The Installer setup dialog appears. Click the [Installing FinePixViewer] button.

🔊 For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.
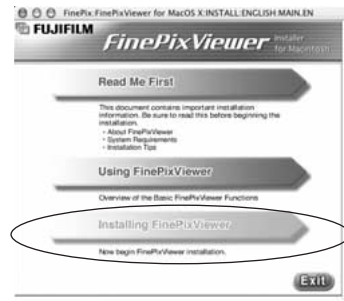
5 The "Authenticate" dialog appears.
Enter the name and password for the administrator account and then click the [OK] button.✳

✳ The administrator account is the user account used for Mac OS X installation and you can confirm the user account in the Accounts dialog in the System Preferences.

6 The "License" dialog appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Accept] button.

7 The "Read me" dialog appears and click the [Continue] button.

8 The "FinePixInstallOSX" window appears.
Click the [Install] button to install FinePixViewer and RAW FILE CONVERTER LE.

9 The ImageMixer VCD2 installer automatically starts up and a window showing the installation progress appears. (Installation may take several minutes.)

10 The "FinePixViewer installation completed" message dialog appears then click exit button and close it.

11 Launch "Image Capture" from the "Applications" folder.

12 Change the Image Capture settings.
Select "Preferences..." from the "Image Capture" menu.
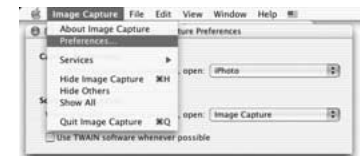
13 Select "Other..." from "When a camera is connected, open".

14 Select "FPVBridge" from "FinePixViewer" folder in the "Applications" folder and click the [Open] button.

15 Select "Quit Image Capture" menu in the "Image Capture" menu.

5

Software Installation

6.1.1 Using the AC power adapter

Always use a FUJIFILM AC Power Adapter AC-5VW (included) or AC-5VH/AC-5VHS (sold separately) (➡P.114).
Use the AC power adapter to avoid losing power at inconvenient times, such as when downloading photographed images to your PC. You can take pictures and play back images without worrying about depleting the battery.

📝 See P.116 for notes on using the AC power adapter.
📝 Only connect or disconnect the AC power adapter when the camera is off.
Connecting or disconnecting the AC power adapter while the camera is turned on temporarily interrupts the power supply to the camera, so that images or movies being shot are not recorded. Failing to turn the camera off first can also result in damage to the **xD-Picture Card** or malfunctions during PC connection.
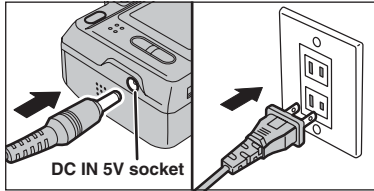
Check that the camera is off. Plug the AC power adapter connector into the "DC IN 5V" socket and then plug the AC power adapter into the power outlet.

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

DC IN 5V socket

6.1.2 Connecting to a TV
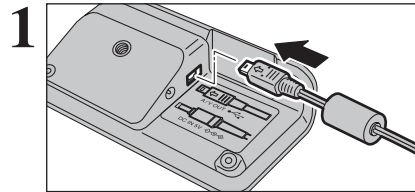
1 Plug the A/V cable (included) into the "A/V OUT" (Audio/Visual output) socket for cradle.

📝 The camera can be connected to TV without cradle. Plug the A/V cable (included) directly to the connection socket on the camera.
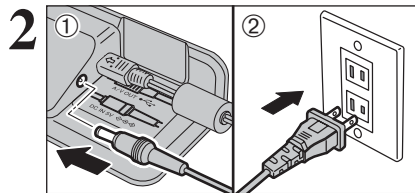
2 ① Plug the AC power adapter connector into the "DC IN 5V" socket.
② Plug the AC power adapter into the power outlet.
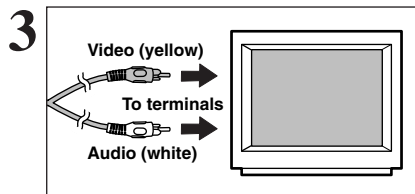
3 Plug the other end of the cable into the video/audio input socket on the TV.

Video (yellow)
To terminals
Audio (white)

📝 Images are only sent to the TV in Playback mode.
📝 When connecting the A/V cable to TV, the LCD monitor is turned off.
📝 A wide-screen TV is required to view images shot using the "WIDE" setting in full.
📝 Refer to the instructions provided with your TV for more information on video input for your TV.
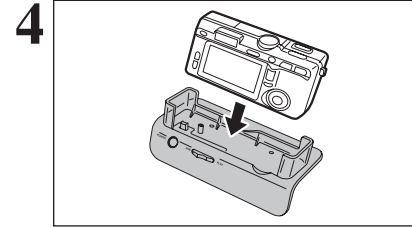
4 Set the camera into the cradle.
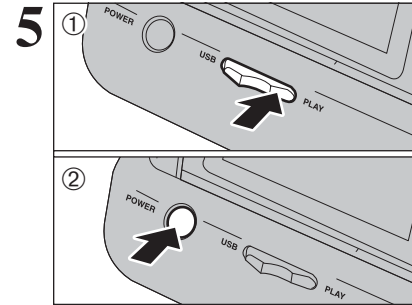
5 ① Set the "USB/PLAY" switch on the cradle to the "PLAY" position.
② Press the "POWER" button on the cradle to turn the camera on in Playback mode.

POWER
USB
PLAY

POWER
USB
PLAY

6

Viewing Images

6.2 CONNECTING TO A PC

6.2.1 Connecting to a PC

The "Connecting to a PC" section explains how to connect the camera to your PC using the USB cable (included) and describes the functions you can use once the camera and PC are connected.

If the power cuts out during data transmission, the data will not be transmitted correctly. Always use the AC power adapter when connecting the camera to a PC.

Refer to Section 5 the first time you connect the camera to your PC.
Install the software first. Do not connect the camera with the PC before installing all the software.

CD-ROM
(Software for FinePix AX)

DSC (Mass storage device) mode

This mode provides a simple way to read images from an **xD-Picture Card** and store images onto an **xD-Picture Card** (➡P.103).

WEB CAM (WEB Camera) mode

This function allows you to conduct videoconferencing sessions between PCs connected to the Internet.

● The WEB Camera function can be used on only Windows XP SP1.
● Microsoft Windows Messenger 5.0 or later is required to use the WEB Camera function.
For downloading and using this software, please refer to the below explanation for "Using Video Chat with Windows Messenger" No. ⑪. Please download it from the Messenger web site.
● Images are not output to a TV.
● When using Video Chat with the WEB Camera function, Windows XP (SP1) is required also for your partner's OS.

Change between "⊞⇆" and "◘ WEB" in the camera's SET-UP screen.

◆ Using Video Chat with Windows Messenger ◆

Connecting camera to a PC
① Plug the included USB cable into the cradle USB socket.
② Plug the AC power adapter connector into the "DC IN 5V" socket on the cradle and then plug the AC power adapter into the power outlet.
③ Turn your PC on.
④ Use the USB cable to connect the cradle.
⑤ Slide the Power switch to the side to turn the camera on.
⑥ Set the "USB MODE" setting in the "SET-UP" menu to "◘ WEB" (➡P.85).
⑦ Slide the Power switch to the side to turn the camera off.
⑧ Set the camera into the cradle.
⑨ Set the "USB/PLAY" switch on the cradle to the "USB" position.
⑩ Press the "POWER" button on the cradle to turn the power on.
The "◘ WEB CAMERA" appears briefly on the LCD monitor.
⑪ Using Video Chat with Windows Messenger, refer to the "Basic operation" in the "How to use FinePixViewer" in the HELP menu which was installed from the CD-ROM.
● Use a tripod when using the WEB Camera function.
● The LCD monitor darkens when the WEB Camera is used.
● If the camera cannot connect to the PC, the " COMMUNICATION ERROR " is displayed briefly.

● The lens is fixed at the wide-angle zoom setting.
● The viewfinder lamp is lit green.
● Power save and Auto power off are disabled during USB connection.

Disconnecting the Camera
① Quit all applications (FinePixViewer etc.) that are using the camera.
② Press the "POWER" button on the cradle to turn the power off.
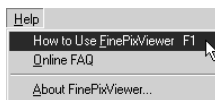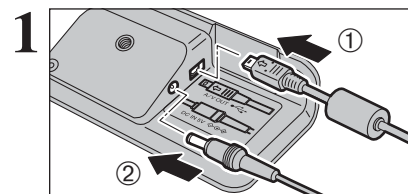
Help
How to Use FinePixViewer F1
Online FAQ
About FinePixViewer...

USE AT DSC MODE

1
① Plug the included USB cable into the cradle USB socket.
② Plug the AC power adapter connector into the "DC IN 5V" socket on the cradle and then plug the AC power adapter into the power outlet.
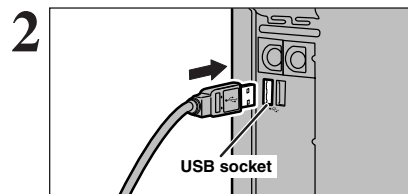
2
USB socket
① Turn your PC on.
② Use the USB cable to connect the cradle.
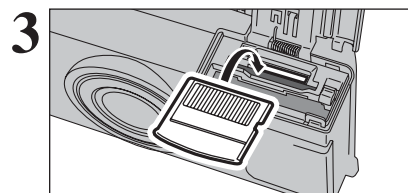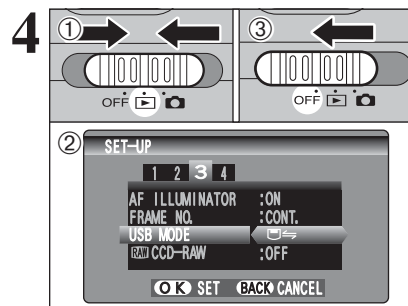
3
Insert an **xD-Picture Card** into the camera.

4
① ③
OFF ▶ ◘   OFF ▶ ◘
② SET-UP
1 2 **3** 4
AF ILLUMINATOR   :ON
FRAME NO.   :CONT.
USB MODE   ⊞⇆
RAW CCD-RAW   :OFF
◉K SET BACK CANCEL

① Slide the Power switch to the side to turn the camera on.
② Select "⊞⇆" in "USB MODE" in the "SET-UP" menu (➡P.85).
③ Slide the Power switch to the side to turn the camera off.
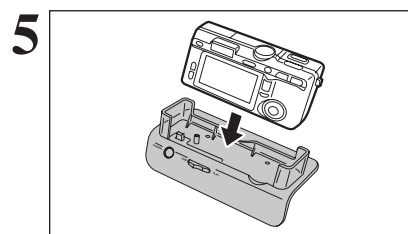
5
Set the camera into the cradle.

6
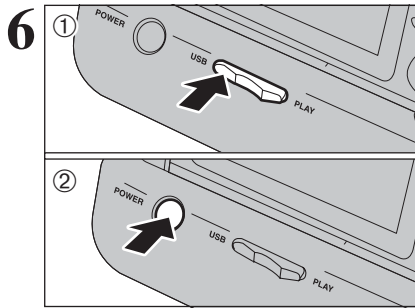
① Set the "USB/PLAY" switch on the cradle to the "USB" position.
② Press the "POWER" button on the cradle to turn the power on.

Camera Operation
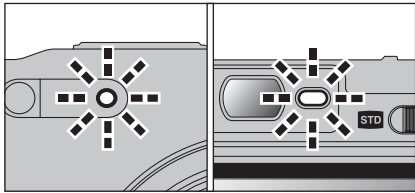
● When the camera and PC are exchanging data, the self-timer lamp blinks and the viewfinder lamp blinks alternately green and orange.
● "□⇆ DSC" appears on the LCD monitor.
● Power save and Auto power off are disabled during USB connection.

*◯ Before replacing the **xD-Picture Card**, always disconnect the camera from the PC. See P.106 for information on the disconnection procedure.
*◯ Do not disconnect the USB cable when the camera is communicating with the PC. See P.106 for information on the disconnection procedure.

◆ Connecting the camera without the cradle ◆
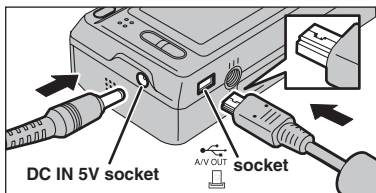
Connect the AC power adapter, USB cable or A/V cable (included) to the camera directly.

DC IN 5V socket   A/V OUT 🖳 **socket**

---

7 **Set a PC**

Windows 98 / 98 SE / Me / 2000 Professional / Macintosh

*◯ The Windows CD-ROM may also be required during installation. In this event, change CD-ROMs as directed by the on-screen instructions.

● FinePixViewer automatically starts up and the Save Image "Wizard" window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the [Cancel] button.

＊Screen for Windows 98 SE

● A removable disk icon appears and you can use your PC to transfer files to and from the camera.

Windows — Removable Disk
Macintosh — untitled
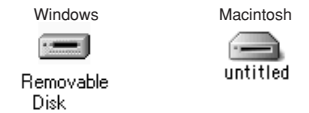
> If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

Windows XP

① The "Found New Hardware" help message appears in the bottom-right corner of your screen. This message will close when the settings are completed. No action is required.
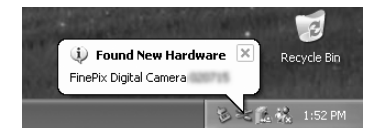
*◯ This step is not required for subsequent connections.

② Specify the settings in the "AutoPlay" dialog box.

● **When FinePixViewer is included in the list of actions to perform**
Select "Viewing images using FinePixViewer" and then select the "Always do the selected action" checkbox. This checkbox may not be shown in some cases.
Click the [OK] button to launch FinePixViewer.

● **When FinePixViewer is not included in the list of actions to perform**
Select "Take no action" and then select the "Always do the selected action" checkbox. This checkbox may not be shown in some cases.
Click the [OK] button and launch FinePixViewer manually.

③ A new removable disk icon appears in the "My Computer" window.
FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the [Cancel] button.

◆ Regarding the icons ◆

The next time you connect the camera, the removable disk drive icon and name change to the "FinePix" icon and name.

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Viewing Images

6.2.2 Disconnecting the Camera

1 **Windows**

Once the image has been saved, the "Remove Camera/Media" window appears (Save Image Wizard Windows). To disconnect the camera, click the [Remove] button.
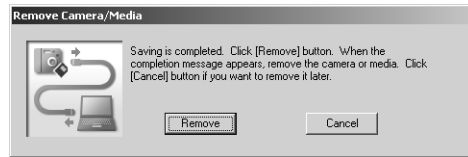
Macintosh

Once the image has been saved, the "Remove camera/media" window appears (Save Image dialog box). To disconnect the camera, click the [OK] button.

2 ②
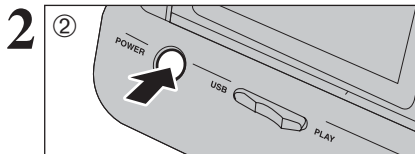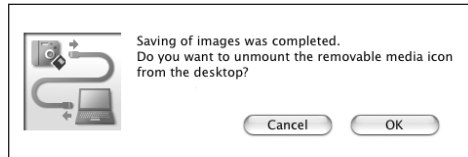
① When the "It is now safe to disconnect the camera" message appears, click the [OK] button and disconnect the camera.
② Press the "POWER" button on the cradle to turn the power off.

6.3.1 Mastering FinePixViewer

For all information on FinePixViewer functions, refer to "How to Use FinePixViewer" in the Help menu for details.

◆ **Macintosh** ◆

● **To read "How to Use FinePixViewer"...**
You must install Adobe Systems' Acrobat Reader. See P.96 for information on installing Acrobat Reader.

For more information on using Acrobat Reader, refer to the Acrobat Reader "Help" menu.

● **What is explained in "How to Use FinePixViewer"...**
"How to Use FinePixViewer" covers a range of topics, including batch processing and ordering prints.

■ **Example: Looking up slide shows**
① Click "How to Use FinePixViewer" in the FinePixViewer Help menu.
② Click "Basic Operation" and then click "Basic Slide Show Operations" in the menu that appears.
③ The "Basic Slid Show Operations" information appears. Press the "<<<" key to view the previous page or the ">>>" key to view the next page.

6.3.2 Uninstalling the software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Windows

① Check that the camera is not connected to the PC.
② Quit all currently running applications.
③ Open the "My Computer" window, open the "Control Panel", and double-click "Add/Remove Programs".

④ The "Add/Remove Programs Properties" window appears. Select the software to be uninstalled (FinePixViewer or the driver) and then click the [Add/Remove] button.

<To remove FinePixViewer>

FinePixViewer Ver.4.2

<To remove the driver software>

FUJIFILM USB Driver

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Viewing Images

⑤ When the message appears, click the [OK] button. Check your selection carefully since the process cannot be cancelled once you click [OK] button.

FUJIFILM USB Driver

FUJIFILM USB Driver is deleted. OK?

OK   Cancel

⑥ Automatic uninstallation begins.
When uninstallation ends, click the [OK] button.

Macintosh

Mac OS 9.2

■ Uninstalling Exif Launcher, FinePixViewer

① After you have quit Exif Launcher in "Exif Launcher Settings" in the FinePixViewer "Settings" menu, move the Exif Launcher file from the "Startup Items" folder in the System folder to the Trash. Then select "Empty Trash" in the "Special" menu.
② After you have exited FinePixViewer drag the installed FinePixViewer folder to the Trash. Then click "Empty Trash" in the "Special" menu.

Mac OS X

■ Uninstalling FinePixViewer

Quit FinePixViewer. Then drag the installed FinePixViewer folder to the Trash and select "Empty Trash" in the "Special" menu.

6.4 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION

When a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a PC.

💧 When the PictBridge function is used to print images shot using WIDE, the left and right edges of the images may be cropped. The print size is specified on the printer. Refer to the instruction manual for the printer.
💧 In PictBridge function, images photographed on other than a camera may not be printed.

6.4.1 Specifying images for printing on the camera

1 ① Slide the Power switch to the side to turn the camera on.
② Select "▣⇆" in "USB MODE" in the "SET-UP" menu (➡P.85).
③ Slide the Power switch to the side to turn the camera off.

SET-UP
1 2 **3** 4
AF ILLUMINATOR :ON
FRAME NO. :CONT.
USB MODE ▣⇆
RAW CCD-RAW :OFF
OK SET **BACK** CANCEL

💧 Do not connect to a PC when the "USB MODE" setting is set to "▣⇆". See P.121 if you connect to PC by mistake.

2 ① Connect the cradle to the printer using the USB cable.
② Set the camera into the cradle.

💧 The camera cannot be used to specify printer settings such as the paper size and print quality.
💧 Use an **xD-Picture Card** that was formatted on the camera.

3 ① Set the "USB/PLAY" switch on the cradle to the "USB" position.
② Press the "POWER" button on the cradle.

4 ⇆ USB
CHECKING USB
▣⇆

"CHECKING USB" appears and then the menu is displayed on the LCD monitor.

💧 If the menu does not appear, check whether the "USB MODE" setting is "▣⇆".
💧 Depending on the printer, some functions are disabled.

5

① Press "▲" or "▼" to select "🖪 PRINT DPOF".
② Press the "MENU/OK" button.

PICTBRIDGE

PRINT WITH DATE
PRINT WITHOUT DATE
🖪 PRINT DPOF

OK SET

🔔 When " NOT SET DPOF " appears, the DPOF settings are not specified.
🔔 To use DPOF printing, the DPOF settings must be specified on FinePix F810 beforehand (➡P.76).
🔔 Even when "WITH DATE" is specified in the DPOF settings, the date is not inserted on printers that do not support date printing.
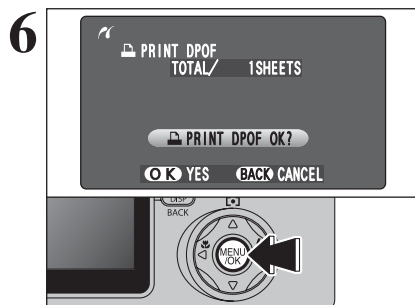
Always press the "MENU/OK" button after the settings are completed.

6

🖪 PRINT DPOF
　　TOTAL/　1SHEETS

🖪 PRINT DPOF OK?

OK YES　**BACK** CANCEL

🔔 Press the "DISP (BACK)" button to return to step **5**.

7

🖪 PRINT DPOF
　　　PRINTING

⏳
1/　1SHEETS

BACK CANCEL
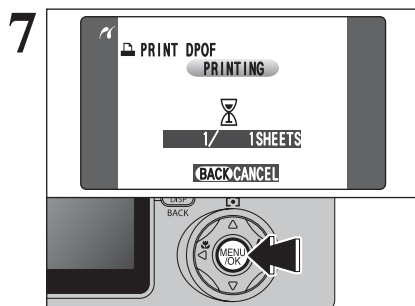
Press the "MENU/OK" button to download the data to the printer and print the frames specified in the DPOF settings.
To end printing, press the "DISP (BACK)" button.

🔔 Press the "DISP(BACK)" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

6.4.2 Specifying images for printing without using DPOF (single-frame printing)
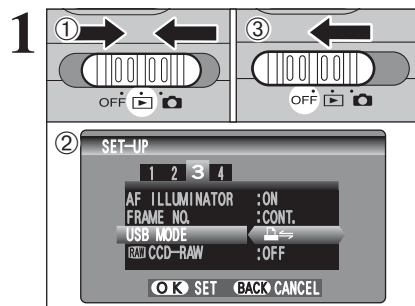
1

① ② ③

OFF ▶ 🖸　　OFF ▶ 🖸

② **SET-UP**

1　2　**3**　4

AF ILLUMINATOR :ON
FRAME NO. :CONT.
USB MODE :🖪⇆
🅡🅐🅦 CCD-RAW :OFF

OK SET　**BACK** CANCEL

① Slide the Power switch to the side to turn the camera on.
② Select "🖪⇆" in "USB MODE" in the "SET-UP" menu (➡P.85).
③ Slide the Power switch to the side to turn the camera off.

🔔 Do not connect to a PC when the "USB MODE" setting is set to "🖪⇆". See P.121 if you connect to PC by mistake.
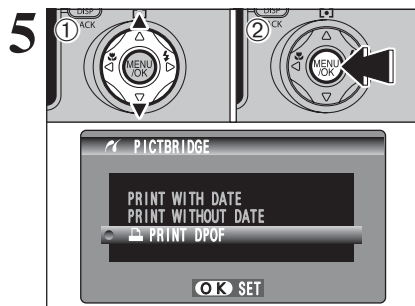
2

① Connect the cradle to the printer using the USB cable.
② Set the camera into the cradle.

🔔 The camera cannot be used to specify printer settings such as the paper size and print quality.
🔔 Use an **xD-Picture Card** that was formatted on the camera.

3

① POWER
USB
PLAY

② POWER
USB
PLAY

① Set the "USB/PLAY" switch on the cradle to the "USB" position.
② Press the "POWER" button on the cradle.

4

⬅ USB

CHECKING USB

🖪⇆

" CHECKING USB " appears and then the menu is displayed on the LCD monitor.

🔔 If the menu does not appear, check whether the "USB MODE" setting is "🖪⇆".
🔔 Depending on the printer, some functions are disabled.

5

① ②

PICTBRIDGE

PRINT WITH DATE
PRINT WITHOUT DATE
🖪 PRINT DPOF

OK SET
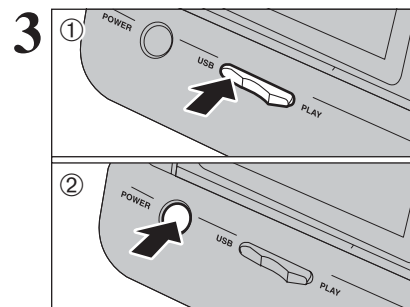
① Press "▲" or "▼" to select "PRINT WITH DATE" or "PRINT WITHOUT DATE". If "PRINT WITH DATE" is selected, the date is imprinted on your prints.
② Press the "MENU/OK" button.

🔔 "PRINT WITH DATE" is not available when the camera is connected to a printer that does not support date printing.

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Viewing Images

6
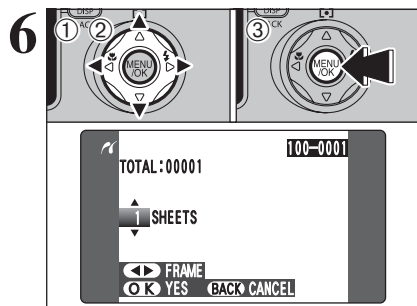
① Press "◀" or "▶" to display the frame (file) for which you want to specify PRINT settings.
② Press "▲" or "▼" to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).
To specify more PRINT settings, repeat steps ① and ②.
③ Press the "MENU/OK" button.

TOTAL: 00001   100-0001

1 SHEETS

◀▶ FRAME
OK YES   BACK CANCEL

Movie images cannot be printed.

7

TOTAL/   1SHEETS

PRINT OK?

OK YES   BACK CANCEL
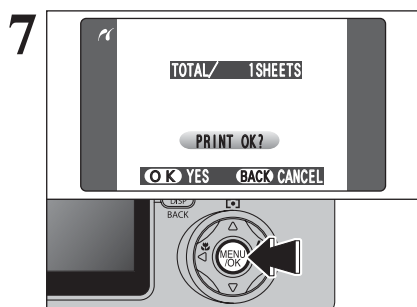
Always press the "MENU/OK" button after the settings are completed.

Press the "DISP (BACK)" button to return to step 5.

8

PRINTING

1/   1SHEETS

BACK CANCEL
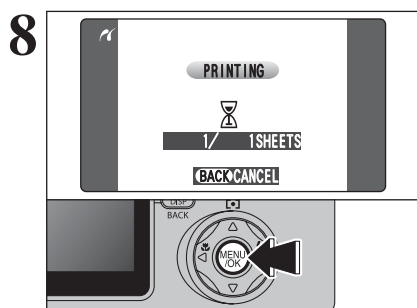
Press the "MENU/OK" button to download the data to the printer and start printing the specified number of prints.
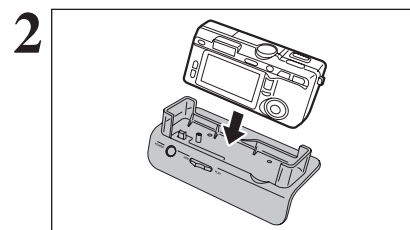To end printing, press the "DISP (BACK)" button.

Press the "DISP (BACK)" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

Disconnecting the printer
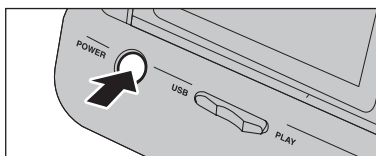
POWER
USB
PLAY

① Check that "PRINTING" is not displayed on the camera's screen.
② Press the "POWER" button on the cradle to turn the power off.

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System Expansion Options

▶ By using the FinePix F810 together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.

■ Image input/output to the PC

FinePix F810
Digital Camera

(USB)

Personal Computer
(commercially available)

Image Memory Card Reader
DPC-R1

(USB)

xD-Picture Card™ USB Drive
DPC-UD1

(USB)

xD-Picture Card

PC Card Adapter DPC-AD

(PC card slot)

CompactFlash™ Card Adapter
DPC-CF

(CF card slot)

■ Print creation

FinePix F810
Digital Camera

(USB)

Personal Computer
(commercially available)

Printer
(commercially available)

PictBridge

xD-Picture Card

Digital Photo
Printer CX-550

PictBridge

■ Audio/Visual output

FinePix F810
Digital Camera

(Audio/Visual output)

TV monitor
(commercially available)

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Accessories Guide

▶ The accessories (sold separately) can make taking pictures with the FinePix F810 even easier. For information on how to attach and use the accessories, refer to the instructions provided with the accessory used.

Visit the FUJIFILM web site for the latest information on camera accessories.

http://home.fujifilm.com/products/digital/index.html

● **xD-Picture Card**
These are separately available **xD-Picture Card**s.
Use the following **xD-Picture Card**:
DPC-16 (16 MB)/DPC-32 (32 MB)/DPC-64 (64 MB)/DPC-128 (128 MB)/
DPC-256 (256 MB)/DPC-512 (512 MB)

● **Battery Charger BC-65**
Quickly charges the rechargeable battery. The BC-65 reduces charging time to approximately 90 minutes (for the NP-40). The Battery adapter should be used when the NP-40 is being charged. The battery adapter is supplied with the BC-65.

● **Rechargeable Battery NP-40**
A Lithium-ion slimline rechargeable battery.
To charge the battery using the Battery Charger BC-65, the battery adapter supplied with the battery charger is required.

● **AC Power Adapter AC-5VH/AC-5VHS**
Use the AC-5VH/AC-5VHS when taking pictures or play back images for long periods or when the FinePix F810 is connected to a personal computer.
✽ The shape of the AC power adapter, the plug and socket outlet depend on the country.

● **Soft Case SC-FX701**
This is a special case made of Leather/Nylon/Polyester that protects the camera against soil, dust and minor impacts when it is being carried.

● **Image Memory Card Reader DPC-R1**
The DPC-R1 provides a quick and easy way to transfer images back and forth between your PC and an image memory card (**xD-Picture Card** and SmartMedia). The DPC-R1 uses the USB interface for high-speed file transfer.
● Compatible with Windows 98/98 SE, Windows Me, Windows 2000 Professional, Windows XP or iMac, Mac OS 8.6 to 9.2, Mac OS X (10.1.2 to 10.2.2) and models that support USB as standard.
● Compatible with **xD-Picture Card** of 16 MB to 512 MB, and SmartMedia of 3.3 V, 4 MB to 128 MB.

● **PC Card Adapter DPC-AD**
The PC Card Adapter allows the **xD-Picture Card** and SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type II).
● Compatible with **xD-Picture Card** of 16 MB to 512 MB, and SmartMedia of 3.3 V, 2 MB to 128 MB.

● **CompactFlash™ Card Adapter DPC-CF**
Loading an **xD-Picture Card** into this adapter allows you to use the card as a CompactFlash card (Type I).
● Windows 95/98/98 SE/Me/2000 Professional/XP
● Mac OS 8.6 to 9.2/X (10.1.2 to 10.1.5)

● **xD-Picture Card™ USB Drive DPC-UD1**
This is a compact card reader for **xD-Picture Card**s. Simply plug the drive into the USB port to read and write data to an **xD-Picture Card** (No driver installation is required except on Windows 98/98 SE).
● Compatible with **xD-Picture Card** of 16 MB to 512 MB
● Windows 98/98 SE/Me/2000 Professional/XP
● Mac OS 9.0 to 9.2/X (10.0.4 to 10.2.6)

● **Waterproof Case WP-FX701**
This waterproof case protects your FinePix F810 from water damage yet allows you to make camera adjustments and use the flash.
Dive up to 40 meters underwater with your FinePix F810 digital camera.

Using Your Camera Correctly

▶ Read this information and the "Safety Notes" (➡P.126), to make sure you use your camera correctly.

■ **Places to Avoid**
Do not store or use the camera in the following types of locations:
● In the rain or in 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 with strong vibration
● Places with smoke or steam
● Places subject to strong magnetic fields (such as near motors, transformers or magnets)
● In contact with chemicals such as pesticides
● Next to rubber or vinyl products

■ **Damaged by Water or sand**
The FinePix F810 can be damaged on the inside and outside by water and sand. When you are at the beach or close to water, make sure that the camera is not damaged by water or sand. Take care not to place the camera on a wet surface.

■ **Damaged by Condensation**
If the camera is carried 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, turn the camera off and wait an hour before using the camera.

Condensation may also form on the **xD-Picture card**. In this event, remove the **xD-Picture card** and wait a short time.

■ **When the Camera is Not Used or is stored Periods of Time**
If you do not intend to use the camera for a long period of time, remove the battery and the **xD-Picture card**.

■ **Cleaning Your Camera**
● Use a blower brush to brush away any dust on the lens, LCD monitor, viewfinder and then gently wipe the camera with a soft, dry cloth. If any soil 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.
● Clean the body of the camera with a soft, dry cloth. Do not use volatile substances or cleaning products these items can cause damage.

■ **Using the Camera When Traveling**
When traveling overseas, do not place your camera in the check-in baggage. Baggage can be subjected violent shocks, and the camera may be damaged inside or outside.

Notes on the Power Supply

Notes on the Battery (NP-40)

This camera uses the Rechargeable Lithium-ion Battery NP-40. Note the points below when using the rechargeable battery. Take particular care to read the Safety Notes to make sure that you use the battery correctly.
✽ When shipped, the NP-40 is not fully charged. Always charge the NP-40 before using it.
● When carrying the NP-40, install it in a digital camera or keep it in the soft case.
● When storing the NP-40, place it inside the special soft case provided.

Soft case **Battery (NP-40)**
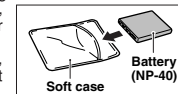
■ **Battery Features**
● The NP-40 gradually loses its charge even when not used. Use a NP-40 that has been charged recently (in the last day or two) to take pictures.
● To maximize the life of the NP-40, turn the camera off as quickly as possible when it is not being used.
● The number of available frames will be lower in cold locations or at low temperatures. Take along a spare fully charged NP-40.
You can also increase the amount of power produced by putting the NP-40 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 NP-40 directly against the pad. The camera may not operate if you use a depleted NP-40 in cold conditions.

■ **Charging the Battery**
● You can charge the battery using the camera and the AC power adapter (included).
  • The NP-40 can be charged at ambient temperatures between 0°C and +40°C (+32°F and +104°F). At an ambient temperature of +23°C (+73°F), it takes approximately 2 hours to charge a fully depleted NP-40 battery.
  • You should charge the NP-40 at an ambient temperature between +10°C and +35°C (+50°F and +95°F). If you charge the NP-40 at a temperature outside this range, charging takes longer because the performance of the NP-40 is impaired.
  • You cannot charge the NP-40 at temperatures of 0°C (+32°F) or below.

● You can also use the optional Battery Charger BC-65 to charge the NP-40. When charging, use the NP-40 battery adapter supplied with the BC-65 (Refer to the Owner's Manual for details).
  • The NP-40 can be charged using the BC-65 Battery Charger at ambient temperatures between 0°C and +40°C (+32°F and +104°F). At an ambient temperature of +23°C (+73°F), it takes approximately 90 minutes to charge a fully depleted NP-40 battery.
  • You should charge the NP-40 at an ambient temperature between +10°C and +35°C (+50°F and +95°F). If you charge the NP-40 at a temperature outside this range, charging takes longer because the performance of the NP-40 is impaired.
● The NP-40 does not need to be fully discharged or exhausted flat before being charged.
● The NP-40 may feel warm after it has been charged or immediately after being used. This is perfectly normal.
● Do not recharge a fully charged NP-40.

■ **Battery Life**
At normal temperatures, the NP-40 can be used at least 300 times.
If the time for which the NP-40 provides power shortens markedly, this indicates that the NP-40 has reached the end of its effective life and should be replaced.

Notes on storage

The Rechargeable Lithium-ion Battery NP-40 is both compact and capable of storing large quantities of power. However, if it is 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 out before storing it.
● If you do not intend to use the camera for a long period of time, remove the batteries from the camera.
● Place the battery pack inside the soft case 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.

Notes on the Power Supply

■ Handling the Battery

To avoid injury or damage, observe the following:

● Do not carry or store battery with metal objects such as necklaces or hairpins.
● Do not heat the battery or throw it into a fire.
● Do not attempt to take apart or change the battery.
● Do not recharge the battery with chargers other those specified.
● Dispose of used battery promptly.

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 expose the battery to water.

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

● Always keep the battery terminals clean.
● Do not store battery in warm or humid places. 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. Use the AC power adapter supplied with the camera if you are taking pictures or viewing images for a long period of time.

■ Specifications of the included NP-40

Nominal voltage	DC 3.7V
Nominal capacity	710 mAh
Operating temperature	0°C to +40°C (+32°F to +104°F)
Dimensions	35.3 mm × 40 mm × 6 mm (1.39 in. × 1.6 in. × 0.24 in.) (W × H × D)
Mass (Weight)	Approx. 20g (0.7 oz.)

AC Power Adapter

Always use the AC Power Adapter AC-5VW with the camera. The use of an AC Power adapter other than AC-5VW can be damaged to your digital camera.
● Use the AC Power Adapter for indoor use only.
● Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
● Turn off the FUJIFILM Digital camera before disconnecting the cord from the FUJIFILM Digital camera's DC input terminal. To disconnect, pull out the plug gently. Do not pull on the cord.
● Do not use the AC power adapter with any device other than your camera.
● During use, the AC power adapter will become hot to the touch, but this is normal.
● Do not take apart the AC power adapter. Doing so could be dangerous.
● Do not use the AC power adapter in a place with hot humid place.
● Do not subject the AC power adapter to strong shocks.
● The AC power adapter may emit a humming. But this is normal.
● If used near a radio, the AC power adapter may cause static, if this happens move the camera away from the radio.
＊ Very occasionally, DC output will be prevented by the operation of the internal protection circuit. In this event, unplug the AC power adapter AC-5VW from the power socket for a few moments and then plug it in again. This will restore DC output.

■ Specifications (AC-5VW)

Power Supply	AC 100V to 240V,50/60Hz
Rated Input Capacity	13W(U.S.A.and Canada) 0.08A to 0.2A(other countries)
Rated Output	DC 5.0V 1.5A
Temperature During Use	0°C to +40°C (+32°F to +104°F)
Storage Temperature	−10°C to +70°C (+14°F to +158°F)
Dimensions (MAX.)	40 mm × 21 mm × 79 mm (1.6 in. × 0.8 in. × 3.1 in.) (W × H × D)
Mass (Weight)	Approx. 110 g (3.9 oz.) (excluding power cord)

WARNINGS

To reduce the risk of fire or electric shock, do not expose the AC power adapter to rain or moisture. The AC power adapter should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, should be placed on the AC power adapter.

IMPORTANT SAFETY INSTRUCTIONS

● Read these instructions.
● Keep these instructions.
● Heed all warnings.
● Follow all instructions.
● Do not use this apparatus near water.
● Clean only with dry cloth.
● Do not block any ventilation openings, Install in accordance with the manufacturer's instructions.
● Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
● Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
● Only use attachments/accessories specified by the manufacturer.
● Unplug this apparatus during lightning storms or when unused for long periods of time.
● Refer all servicing to qualified service personal.
Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Notes on the xD-Picture Card™

■ Image Memory Card

● This Image Memory Card is a new image recording media (**xD-Picture Card**) developed for digital cameras. The Image Memory Card consists of a semiconductor memory (NAND-type flash memory) to record digital image data.
The recording process is electrically performed and enables erasure of existing image data as well as re-recording of new image data.
● When using a new Memory Card, or a Memory Card that has been formatted by a PC, be sure to format the card with your digital camera before using it.

■ Protecting Your Data

● Images and movies may be lost or destroyed in the following situations. Please note that FUJIFILM assumes no responsibility for data that is lost or destroyed.
  1. Removal of the memory card or turning the power off while the memory card is being accessed (i.e., during record, erase, initialization, and playback operations).
  2. Improper handling and use of the memory card by the user or third party.
● Save your important data to another media (i.e., MO disk, CD-R, hard disk, etc.).

■ Handling xD-Picture Card

● When storing **xD-Picture Card**s, make sure that they are kept out of the reach of children. An **xD-Picture Card** could be swallowed cause suffocation. If a child swallows an **xD-Picture Card**, seek medical attention or call emergency number right away.
● When inserting the **xD-Picture Card** into the camera, hold the **xD-Picture Card** straight as you push it in.
● Do not expose an **xD-Picture Card** to shock. Do not apply pressure, and avoid bending.
● Do not use or store **xD-Picture Card** in hot humid places.
● Clean the **xD-Picture Card** with a soft dry piece of cloth when dirty.
● When carrying or storing an **xD-Picture Card**, keep it in the special protective case.
● The **xD-Picture Card** will work well for long time, but will sooner or later lose its ability to store and play back images or movies. If this happens replace it with a new **xD-Picture Card**.
● Never remove the **xD-Picture Card** or turn the camera off during data recording or erasing (**xD-Picture Card** formatting) as this could be damaged to the **xD-Picture Card**.
● The use of **xD-Picture Card**s is recommended with the FinePix F810.
The recording quality cannot be guaranteed when **xD-Picture Card**s other than those manufactured by FUJIFILM are used.
● The **xD-Picture Card** may feel warm when it is removed from the camera after taking pictures. This is normal.
● Do not put labels on the **xD-Picture Card**. Peeling labels can cause the camera not to work properly.

■ Using xD-Picture Card with a PC
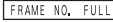
● When taking pictures using an **xD-Picture Card** that has been used on a PC, reformat the **xD-Picture Card** using your camera for best quality.
● When formatting an **xD-Picture Card**, a directory (folder) is created. Image data is then recorded in this directory.
● Do not change or delete the directory (folder) or file names on the **xD-Picture Card** because this will make it impossible to use the **xD-Picture Card** in your camera.
● Always use the camera to erase image data on an **xD-Picture Card**.
● To edit image data, copy the image data to the PC and edit the copy.
● Do not copy files other than those that will be used by the camera.

■ Specifications

Type	Image memory card for digital cameras (**xD-Picture Card**)
Memory type	NAND-type flash memory
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F) Humidity: 80% max. (no condensation)
Dimensions	25 mm × 20 mm × 2.2 mm (0.98 in. × 0.79 in. × 0.09 in.) (W × H × D)

Warning Displays

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

Warning Displayed	Explanation	Remedy
(Lit red) / (Blinking red)	The camera battery is low or completely out of charge.	Load new or fully charged battery.
!✋	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, use a tripod for some scenes and modes.
!AF	The AF (autofocus) 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.
Aperture/Shutter speed display (Lit red)	Outside the AE continuous range.	The picture can be taken, but the correct brightness (exposure) will not be obtained.
NO CARD	No **xD-Picture Card** is inserted.	Insert an **xD-Picture Card**.
CARD NOT INITIALIZED	• The **xD-Picture Card** is not formatted. • The **xD-Picture Card** contact area is soiled. • Camera fault.	• Format the **xD-Picture Card** on the camera. • Wipe the contact area on the **xD-Picture Card** with a soft dry cloth. It may be necessary to format the **xD-Picture Card**. If the message still appears, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer.
CARD ERROR	• The **xD-Picture Card** contact area is soiled. • The **xD-Picture Card** is damaged. • The **xD-Picture Card** format is incorrect. • Camera fault.	• Wipe the contact area on the **xD-Picture Card** with a soft dry cloth. It may be necessary to format the **xD-Picture Card**. If the message still appears, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer.
CARD FULL	The **xD-Picture Card** is full.	Erase some images or use an **xD-Picture Card** that has ample free space.
READ ERROR	• The played back file was not recorded correctly. • The **xD-Picture Card** contact area is soiled. • Camera fault. • An attempt was made to play a movie that was not recorded on this camera.	• Images cannot be played back. • Wipe the contact area on the **xD-Picture Card** with a soft dry cloth. It may be necessary to format the **xD-Picture Card**. If the message still appears, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer. • Movies cannot be played back.
FRAME NO. FULL	The frame number has reached 999–9999.	① Insert a formatted **xD-Picture Card** into the camera. ② Set "RENEW" as the FRAME NO. setting in the "SET-UP" menu. ③ Start taking pictures (The frame numbers start from "100-0001") ④ Set "CONT." as the FRAME NO. setting in the "SET-UP" menu.
WRITE ERROR	• The data could not be recorded due to an **xD-Picture Card** error or a connection error between the **xD-Picture Card** and camera. • The image cannot be recorded as it is too large to fit in the available space on the **xD-Picture Card**.	• Re-insert the **xD-Picture Card** or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer. • Use a new **xD-Picture Card**.
PROTECTED FRAME	• A protected file was encountered. • An attempt was made to add a voice memo to protected file.	• Protected files cannot be erased. Remove the protection. • Protected files cannot be added voice memos. Remove the protection.
DPOF FILE ERROR	Prints were specified for 1000 or more frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same **xD-Picture Card** is 999. Copy the images for which you want to order prints onto another **xD-Picture Card** and then specify the DPOF settings.

Warning Displayed	Explanation	Remedy
FOCUS ERROR / ZOOM ERROR	Camera malfunction or fault.	• Turn the camera on again, taking care not to touch the lens. • Turn the camera off and on again. If the message still appears, contact your FUJIFILM dealer.
🎤 ERROR	• The voice memo file is faulty. • Camera fault.	• The voice memo cannot be played back. • Contact your FUJIFILM dealer.
BUSY	The timing for recording was incorrect because the **xD-Picture Card** was formatted on a PC.	Use an **xD-Picture Card** that was formatted on the camera.
CAN NOT SET DPOF / 📷 CAN NOT SET DPOF	An attempt was made to specify DPOF settings for an image that is not supported by DPOF.	DPOF printing cannot be used with this image format.
COMMUNICATION ERROR	The camera is not connected to PC or printer.	• Check that the USB cable is connected correctly. • Check that your printer is turned on.
PRINTER ERROR	Displayed for PictBridge.	• Check that the printer is not out of paper or out of ink. • Turn the printer off briefly and then turn it back on. • Refer to the user manual supplied with your printer.
PRINTER ERROR RESUME?	Displayed for PictBridge.	Check that the printer is not out of paper or out of ink. Printing automatically restarts when the error is cleared. If the message still appears after checking, press the "MENU/OK" button to restart printing.
CANNOT BE PRINTED	Displayed for PictBridge.	• Refer to the user manual for the printer being used and check whether the printer supports the JFIF-JPEG or Exif-JPEG image format. If not, the printer cannot print the images. • Movie images cannot be printed. • Was the image data photographed using FinePix F810? You may not be able to print some images photographed on other cameras.
🖨 PRINTING	Displayed for PictBridge.	This message appears when printing is performed from a FUJIFILM printer that supports PictBridge. Refer to the Owner's Manual for the printer for details.
RAW CAN NOT USE F-MODE / RAW CAN NOT TAKE CONTINUOUS SHOOTING / RETURN TO STD SETTING FOR RAW CCD-RAW MODE	CCD-RAW is set to "ON" in the "SET-UP" menu.	Set CCD-RAW to "OFF" in the "SET-UP" menu (➡P.86).
03M CAN NOT TRIM / RAW CAN NOT TRIM	An attempt was made to trim a 0.3M image or an image shot using the RAW setting.	The image cannot be trimmed.
CAN NOT TRIM	• An attempt was made to trim an image shot using a camera other than FinePix F810. • The image is damaged.	The image cannot be trimmed.
TOO MANY FRAMES	An attempt was made to show 5,000 or more images by date sorting.	No more than 4,999 images can be shown by date sorting.

Troubleshooting

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

Troubleshooting	Possible causes	Solutions
The viewfinder lamp does not light when charging the battery.	• There is no battery in the camera. • The camera and AC power adapter are not connected correctly.	• Load the battery. • Connect the camera and AC power adapter correctly.
The viewfinder lamp blinks during charging and the battery won't charge.	• The battery terminals are dirty. • The battery can no longer be recharged.	• Take the battery out briefly and then reload it. • Wipe the battery terminals with a clean, dry cloth. • Load a new or fully charged battery. If the battery still fails to charge, contact your FUJIFILM dealer.
No power.	• The battery has run out. • The AC power adapter plug has come out of the power outlet. • The battery is loaded backward. • The battery cover is not closed correctly.	• Load a new or fully charged battery. • Plug the adapter back in. • Load the battery in the correct direction. • Close the battery cover correctly.
Power cuts out during operation.	The battery runs out.	Load a new or fully charged battery.
Battery runs out quickly.	• Camera is being used in extremely cold conditions. • The terminals are soiled. • The battery can no longer be recharged.	• 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 or fully charged battery.
No photograph is taken when the shutter button is pressed.	• No xD-Picture Card is inserted. • The xD-Picture Card is full. • The xD-Picture Card is not formatted. • The xD-Picture Card contact area is soiled. • The xD-Picture Card is damaged. • The Auto power off function has turned the camera off. • The battery has run out.	• Insert an xD-Picture Card. • Insert a new xD-Picture Card or erase some unwanted frames. • Format the xD-Picture Card on the camera. • Wipe the xD-Picture Card contact area with a clean dry cloth. • Insert a new xD-Picture Card. • Turn the camera on. • Load a new or fully charged battery.
Can't use the flash.	• The shutter button was pressed while the flash was charging. • The flash is not popped up. • The Mode dial is set to "▲" Landscape. • Continuous shooting is selected.	• Wait until the flash has finished charging before pressing the shutter button. • Pop up the flash. • Change the Photography mode. • Set continuous shooting to "OFF".
The flash settings are restricted and cannot be selected.	The Mode dial is set to "♥", "▲", "✶" or "☾".	The flash settings are restricted because the camera settings are tailored to the scene being shot. Change the Photography mode for a wider range of flash settings.
Can only select Suppressed flash mode.	Continuous shooting is selected.	Set continuous shooting to "OFF".
Can only select the "2M" and "2M" quality settings.	The Continuous shooting option is set to "Long-period continuous shooting".	Set the Continuous shooting option to something other than "Long-period continuous shooting".
Can't select the "6M", "12M", "6M" and "3M" quality settings.	The sensitivity is set to 800 (high-sensitivity photography).	Set the sensitivity to 400 or less.
The playback image is dark even though the flash was used.	• The subject is too far away. • Your finger was covering the flash/flash control sensor.	• Move to within the effective flash range before taking the picture. • Hold the camera correctly.
The image is blurred.	• The lens is dirty. • You photographed scenery with Macro mode selected. • You took a close-up shot without selecting Macro mode. • You are shooting a subject that is not suited to autofocusing.	• Clean the lens. • Cancel Macro mode. • Select Macro mode. • Use AF/AE lock to take the picture.
There is speckling on the image.	The picture was taken with a slow shutter speed (long exposure) in a high-temperature environment.	This is a characteristic of CCDs and does not indicate a camera fault.

Troubleshooting	Possible causes	Solutions
The camera does not emit any sound.	• The camera volume is set too low. • The microphone was blocked during shooting/recording. • There is something covering the speaker during playback.	• Adjust the volume. • Take care not to block the microphone during shooting/recording. • Make sure that the speaker is uncovered.
Frame erase does not erase the frame.	Some frames may be protected.	Unprotect frames using the camera on which the protection was first applied.
The ERASE ALL function does not erase all the frames.		
Screens are not displayed in English.	A language other than English is selected in the " 言語/LANG. " setting in the "SET-UP" menu (➡P.86).	①Press the "MENU/OK" button to display the menu. ②Press "◀" or "▶" to select "⚙" and press "▲" or "▼" to select "SET-UP". (Press the "MENU/OK" button to display the SET-UP screen on the LCD monitor.) ③Press "◀" or "▶" to move to option 4 and then press "▲" or "▼" to select " 言語/LANG. ". ④Press "◀" or "▶" several times to select "ENGLISH". ⑤Press the "MENU/OK" button.
There is no image or sound on the TV.	• The included A/V cable was connected during movie playback. • The camera is not connected to the TV correctly. • "TV" is selected as the TV input. • The video output setting is incorrect. • The TV volume is turned down.	• After the movie playback mode is stopped, connect the camera and TV correctly. • Connect the camera and TV correctly. • Set the TV input to "VIDEO". • Change the setting to "NTSC" or "PAL" (➡P.86). • Adjust the volume.
When the camera is connected to a PC, the photographed image or playback image appears on the camera's LCD monitor.	• The USB cable is not correctly connected to the PC or camera. • The PC is not turned on.	• Set up the camera and the USB cable (included) correctly. • Turn the PC on.
Nothing happens when I use the Mode dial.	• Camera malfunction. • The battery runs out.	• Briefly remove the battery or disconnect the AC power adapter. Then reload the battery or reconnect the AC power adapter and try again. • Load a new or fully charged battery.
The camera no longer works correctly.	The camera has suffered an unforeseen problem.	Briefly remove the battery or disconnect the AC power adapter. Then reload the battery or reconnect the AC power adapter and try again. If the message still appears, contact your FUJIFILM dealer.
Can't print with PictBridge.	"⧉⇆" is not selected in USB mode in the "SET-UP" menu.	Select "⧉⇆" in USB mode in the "SET-UP" menu.
The camera was connected to PC when the USB mode was set to "⧉⇆".		Perform steps ① to ③ to remove the camera from PC. ● Windows ① The "New Hardware Found" wizard (or "Scanner and Camera" wizard) appears. If the wizard does not appear, proceed to step ③. ② Click the [Cancel] button. ③ Disconnect the camera from the PC. ● Macintosh ① The window for locating the driver appears. If the window does not appear, proceed to step ③. ② Click the [Cancel] button. ③ Disconnect the camera from the Macintosh.

Specifications

System

Model	Digital camera FinePix F810
Effective pixels	6.3 million pixels
CCD	1/1.7-inch Super CCD HR Number of total pixels: 6.63 million pixels
Storage media	**xD-Picture Card** (16/32/64/128/256/512 MB)
File format	Still image: DCF-compliant Compressed: Exif ver.2.2 JPEG, DPOF-compatible ✽ Design rule for Camera File System compliant DPOF compatible Uncompressed: CCD-RAW (RAF) Movie: AVI format, Motion JPEG Audio: WAVE format, Monaural sound
Number of recorded pixels	Still image: (Standard mode) 4048 × 3040 pixels/2848 × 2136 pixels/ 2048 × 1536 pixels/1600 × 1200 pixels/ 640 × 480 pixels (12M/6M/3M/2M/03M) (Widescreen mode) 3968 × 2232 pixels/3200 × 1800 pixels/ 2304 × 1296 pixels/2048 × 1152 pixels/ 768 × 432 pixels (8M/6M/3M/2M/03M) Movie: (Standard mode) 640 × 480 pixels/320 × 240 pixels (640/320) (30 frames per second with monaural sound) (Widescreen mode) 640 × 360 pixels/320 × 184 pixels (640/320) (30 frames per second with monaural sound)
Lens	Fujinon 4× zoom lens, F2.8-F5.6
Focal length	f=7.2 mm-28.8 mm (Standard mode: Equivalent to approx. 32.5 mm-130 mm, Widescreen mode: Equivalent to approx. 35.5 mm-142 mm on a 35 mm camera)
Focus	TTL contrast-type, Auto focus, Manual focus
Focal range	Normal: Approx. 60 cm (2.0ft.) to infinity Macro: Approx. 7.5 cm (3.0 in.) to 80 cm (2.6 ft.) (wide-angle)
Shutter speed	3 sec. to 1/2000 sec. (depend on Exposure mode)
Aperture	F2.8-F8 10 steps at wide-angle/F5.6-F8 4 steps at telephoto in 1/3 EV increments Manual/Auto selectable
Sensitivity	AUTO: AUTO (Equivalent to ISO 80 to 640, depend on conditions) /80/100/ 200/400/800✽ 🌹/▲/✈/☾/P/S/A/M: Equivalent to ISO 80/100/200/400/800✽ (During setting CCD-RAW ISO 80/100/200/400) ✽ resolution is set at "03M", "2M", "3M", "03M", "2M" and "3M" for shots taken at ISO 800
Photometry	TTL 64-zones metering Multi, Spot, Average
Exposure control	Program AE (AUTO, P, 🌹, ▲, ✈, ☾), Shutter-priority AE, Aperture- priority AE, Manual exposure
Exposure compensation	–2 EV to +2 EV in 1/3 EV-step increments (in Manual mode)
White balance	Auto (AUTO, 🌹, ▲, ✈, ☾) Manual modes, 8 positions can be selected (P, S, A, M)
Viewfinder	Real image optical Approx. 77% coverage
LCD monitor	2.1-inches, Aspect ratio: 16:9; 173,000 pixels widescreen Micro-reflective low temperature polysilicon TFT, Approx. 100% coverage
Flash type	Auto flash using flash control sensor Effective range: Wide-angle: Approx. 0.3 m-4.0 m (1.0 ft.-13.1 ft.) (Approx. 0.3 m-0.8 m (1.0 ft.-2.6 ft.): Macro) Telephoto: Approx. 0.6 m-2.5 m (2.0 ft.-8.2 ft.) Flash modes: Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro
Self-timer	2 sec./10 sec.

Input/Output Terminals

External connection terminals	Special USB cable, special A/V cable, cradle connection
DC input	To connect the AC power Adapter AC-5VW

Power Supply and Others

Power supply	Use one of the following • Rechargeable Battery NP-40 or AC Power Adapter AC-5VW
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F) 80% humidity or less (no condensation)

Guide to the number of available frames for battery operation

Battery	Number of frames
NP-40	Approx. 115

According to the CIPA (Camera & Imaging Products Association) standard procedure for measuring digital still camera battery consumption (extract):
When using batteries, use the batteries supplied with the camera. The storage media should be **xD-Picture Card**.
Pictures should be taken at a temperature of 23°C, with the LCD monitor turned on, the optical zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.
• Note: As the number of available shots varies depending on the level of charge in batteries, the figures shown here for the number of available shots using batteries are not guaranteed. The number of available shots will also decline at low temperatures.

Camera dimensions (W × H × D)	109.5 mm × 54 mm × 28.9 mm/4.3 in. × 2.1 in. × 1.1 in. (not including accessories and attachments)
Camera mass (weight)	200 g/7.1 oz. (not including accessories, battery and **xD-Picture Card**)
Weight for photography	Approx. 220 g/7.8 oz. (including battery NP-40 and **xD-Picture Card**)
Accessories	See P.7
Optional accessories	See P.114

Cradle

Cradle dimensions (W × H × D)	126.5 mm × 48.3 mm × 69.2 mm/5.0 in. × 1.9 in. × 2.7 in.
Cradle mass (weight)	Approx. 80 g/2.8 oz.

Specifications

■ Standard number of frames per xD-Picture Card (Standard mode) ✱

Quality setting	12M F	12M N	6M	3M	2M	03M	RAW
Number of recorded pixels	4048 × 3040	4048 × 3040	2848 × 2136	2048 × 1536	1600 × 1200	640 × 480	4048 × 3040
Image Data Size	4.9 MB	2.5 MB	1.5 MB	780 KB	630 KB	125 KB	13 MB
DPC-16 (16 MB)	3	6	10	19	25	122	1
DPC-32 (32 MB)	6	12	20	40	50	247	2
DPC-64 (64 MB)	12	26	42	81	101	497	4
DPC-128 (128 MB)	26	52	84	162	204	997	9
DPC-256 (256 MB)	52	105	169	325	409	1997	19
DPC-512 (512 MB)	105	211	339	651	818	3993	39

■ Standard number of frames per xD-Picture Card (Widescreen mode) ✱

Quality setting	8M F	8M N	6M	3M	2M	03M
Number of recorded pixels	3968 × 2232	3968 × 2232	3200 × 1800	2304 × 1296	2048 × 1152	768 × 432
Image Data Size	3.5 MB	1.8 MB	1.5 MB	750 KB	710 KB	135 KB
DPC-16 (16 MB)	4	8	10	20	22	109
DPC-32 (32 MB)	8	17	22	41	44	220
DPC-64 (64 MB)	18	36	44	84	90	442
DPC-128 (128 MB)	36	72	89	169	181	886
DPC-256 (256 MB)	73	146	179	339	362	1775
DPC-512 (512 MB)	146	292	358	679	725	3549

■ Standard recording Times for xD-Picture Card (Standard mode) ✱

Quality setting	640 (30 fps)	320 (30 fps)
Number of recorded pixels	640 × 480	320 × 240
DPC-16 (16 MB)	18 sec.	26 sec.
DPC-32 (32 MB)	36 sec.	54 sec.
DPC-64 (64 MB)	73 sec.	109 sec.
DPC-128 (128 MB)	147 sec.	219 sec.
DPC-256 (256 MB)	296 sec.	7.3 min.
DPC-512 (512 MB)	9.8 min.	14.6 min.

■ Standard recording Times for xD-Picture Card (Widescreen mode) ✱

Quality setting	640 (30 fps)	320 (30 fps)
Number of recorded pixels	640 × 360	320 × 184
DPC-16 (16 MB)	18 sec.	34 sec.
DPC-32 (32 MB)	36 sec.	70 sec.
DPC-64 (64 MB)	73 sec.	141 sec.
DPC-128 (128 MB)	147 sec.	283 sec.
DPC-256 (256 MB)	296 sec.	9.4 min.
DPC-512 (512 MB)	9.8 min.	18.9 min.

✱ The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the difference between standard number of frames and the actual number of frames is greater for **xD-Picture Card** with higher capacities.

- These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
- 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.).
- Due to the nature of the lens, the edges of images may appear distorted. This is normal.

Explanation of Terms

AF/AE Lock
On the FinePix F810, 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 30 seconds, this function turns 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 turns the camera off. This period can be set to 2 or 5 minutes on this camera.
- The Auto power off function does not operate in PC mode, during automatic playback, or if it 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 to be printed and how many prints are made of each image.

EV
A number denotes Exposure Value. 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.

Frame rate (fps)
The frame rate refers to the number of images (frames) that are photographed or played back per second. For example, when 10 frames are continuously photographed in a 1-second interval, the frame rate is expressed as 10 fps.
For reference, TV images are displayed at 30 fps (NTSC).

JPEG
Joint Photographics Experts Group
A file format used for compressing and saving color images. The higher the compression rate, the greater the loss of quality in the decompressed (restored) 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).

Smear
A phenomenon specific to CCDs whereby white streaks appear on the image when there is a very strong light source, such as the sun or reflected sunlight, in the photography screen.

WAVE
A standard format used on Windows systems for saving audio data. WAVE files have the ".WAV" file extension and the data can be saved in either compressed or uncompressed format. Uncompressed recording is used on this camera.
WAVE files can be played back on a personal computer using the following software:
Windows: MediaPlayer
Macintosh: QuickTime Player
✱ QuickTime 3.0 or later

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.

Exif Print
Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Safety Notes

- Make sure that you use your FinePix F810 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 tell you that this information requires attention ("important").

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

❗ Filled circles with an exclamation mark tell you an action that must be performed ("Required").

⚠ WARNING

If a problem arises, turn the camera off, remove the battery, 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, turn 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 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 change or take apart 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 change, 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 place the camera on an unstable surface.
This can cause the camera to fall or tip over and cause injury.

Never attempt to take pictures while in motion.
Do not use the camera while you are walking or driving a 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.

Do not use the battery except as specified.
Load the battery as aligned it with the indicator.

⚠ WARNING

Do not heat, change or take apart the battery.
Do not drop or subject the battery to impacts.
Do not store the battery with metallic products.
Do not use chargers other than the specified model to charge the battery.
Any of these actions can cause the battery to burst or leak and cause fire or injury as a result.

Use only the battery or AC power adapters 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.

If the battery leaks and fluid gets in contact with your eyes, skin or clothing. Flush the affected area with clean water and seek medical attention or call emergency number right away.

Do not use the charger to charge battery other than those specified here.
The charger is designed for NP-40 Rechargeable Battery. Using the charger to charge conventional battery or other types of rechargeable battery can cause the battery to leak fluid, overheat or burst.

When discarding or storing battery, cover the battery terminals with insulation tape.
- Contact with other metallic objects or battery could cause the battery to ignite or burst.

Keep xD-Picture Cards out of the reach of small children.
Because **xD-Picture Card**s are small, they can be swallowed by children. Be sure to store **xD-Picture Card**s out of the reach of small children. If a child swallows an **xD-Picture Card**, seek medical attention or call emergency number.

⚠ CAUTION

Do not use this camera in locations 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.

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 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.

Do not cover or wrap the camera or the AC power adapter in a cloth or blanket.
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.

When charging ends, unplug the charger from the power socket.
Leaving the charger plugged into the power socket can cause a fire.

Using a flash too close to a person's eyes may temporarily affect the eyesight.
Take particular care when taking pictures of children.

When an xD-Picture Card is removed, the card could come out of the slot too quickly. Use your finger to hold it and gently release the card.

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.
  Please note this is not a free of charge service.

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