FUJIFILM

DIGITAL CAMERA
FINEPIX S100FS

Getting Ready

Using the Camera

Advanced Features · Photography

· Playback

· Movie

Settings

Camera Connection

Software Installation

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Troubleshooting
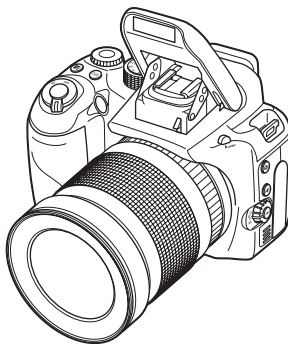
OWNER'S MANUAL

This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix S100FS correctly.
Please follow the instructions carefully.

SUPER CCD

digital
Tools for the imagination.

Designed for
Microsoft®
Windows®XP

CERTIFIED FOR
Windows
Vista™

xD
xD-Picture Card™

SDHC™

Exif Print

PictBridge

BL00672-201(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 (separate note "Notes and Cautions") and make sure you understand them before using the camera.

IMPORTANT

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   (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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EC Declaration of Conformity

We
Name: FUJI FILM Electronic Imaging Europe GmbH
Address: Benzstrasse 2
47533 Kleve, Germany

declare that the product
Product Name: FUJIFILM DIGITAL CAMERA FinePix S100FS
Manufacturer's Name: FUJIFILM Corporation
Manufacturer's Address: 7-3, AKASAKA 9-CHOME, MINATO-KU,
TOKYO 107-0052, JAPAN

conforms to the following Standards:
Safety: EN60065: 2002 + A1
EMC: EN55022: 1998 + A1: 2000 + A2: 2003 Class B
EN55024: 1998 + A1: 2001 + A2: 2003
EN61000-3-2: 2000 + A2: 2005
EN61000-3-3: 1995 + A1: 2001 + A2: 2003

following the provision of the EMC Directive (2004/108/EC) and Low Voltage Directive (2006/95/EC).

CE

Kleve, Germany	December 1, 2007	
Place	Date	Signature/Managing Director

This product comes with batteries. When these are empty, you shouldn't throw them away but deliver them as domestic chemical refuse.

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Disposal of Electric and Electronic Equipment in Private Households

Disposal of used Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product, or in the manual and in the warranty, and/or on its packaging indicates that this product shall not be treated as household waste.

Instead it should be taken to an applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

If your equipment contains easy removable batteries or accumulators please dispose these separately according to your local requirements.

The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you have purchased the product.

In Countries outside the EU:
If you wish to discard this product, please contact your local authorities and ask for the correct way of disposal.

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Usable Memory Cards
You can use the **xD-Picture Card**, the SD Memory Card and the SDHC Memory Card with the FinePix S100FS. In this Owner's Manual, these cards are expressed as "Memory Card" and "SD Memory Card".

About this Manual

■ About marks

⚠ CAUTION

This mark denotes issues that may affect the camera's operation.

☒ CHECK

This mark denotes points to notice in the camera's operation.

✎ MEMO

This mark denotes additional topics that complement the basic operating procedures.

■ Usable Memory Cards

You can use the **xD-Picture Card**, the SD Memory Card and the SDHC Memory Card with the FinePix S100FS. In this Owner's Manual, these cards are expressed as "Memory Card" and "SD Memory Card".

■ 4-direction (▲▼◀▶) 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 ▶.

When pressing ▶:

When pressing DISP/BACK:
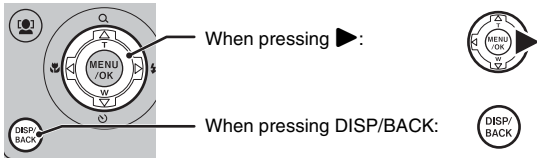
■ Command dial

You can select frames (files) or menus more easily by rotating the command dial instead of ▲▼◀▶. This manual is explained with ▲▼◀▶.

■ Note

In this manual, the menu names or messages displayed in the LCD monitor appear in square brackets([ ]).

Accessories Included

- **Rechargeable battery NP-140 (1)**
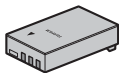
- **Battery charger BC-140 (1)**
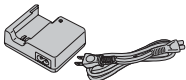
- **Shoulder strap (1)**

- **Lens cap (1)**
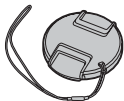
- **Lens cap holder (1)**

- **Lens hood (1)**

- **A/V cable (1)**
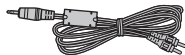
- **USB cable (1)**
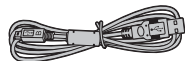
- **CD-ROM (1)**
  Software for FinePix

FUJIFILM
Software for *FinePix*

- **Owner's Manual (this manual) (1)**
- **Notes and Cautions (1)**

Camera Parts and Features

• Refer to the pages in parentheses for information on using the camera parts or features.
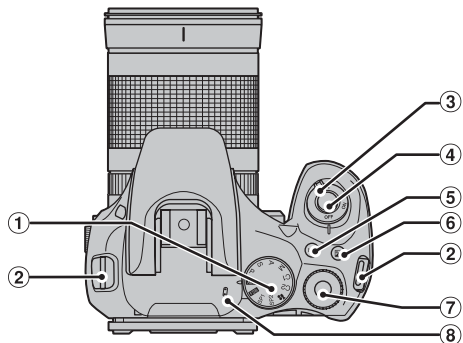
① Mode dial
② Strap mount (p.15)
③ Power switch (p.24)
④ Shutter button
⑤ ISO (ISO sensitivity) button (p.73)
⑥ ⓔ (Exposure compensation) button (p.66, 100)
⑦ Command dial
⑧ Microphone
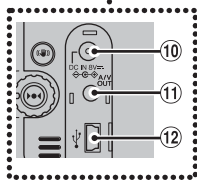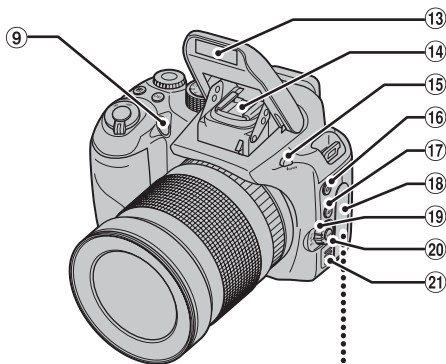
⑨ AF-assist illuminator (p.42)/Self-timer lamp (p.80)
⑩ DC IN 8V (power input) socket (p.133)
⑪ A/V OUT (Audio/Visual output) socket (p.132)
⑫ ← USB socket
⑬ Flash (p.32, 76)
⑭ Hot shoe (p.95)
⑮ ↯ (Flash pop-up) button (p.29, 76)
⑯ ⌨ (Continuous shooting) button (p.81)
⑰ (⌘) Dual IS button (p.39)
⑱ Terminal cover
⑲ Focus mode selector switch (p.32, 70, 71)
⑳ ▶◀ (One-touch AF) button (p.71)
㉑ Speaker
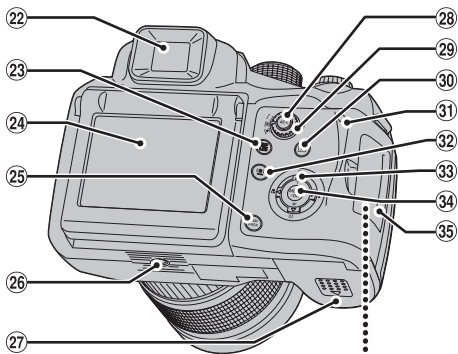
㉒ Viewfinder (EVF)
㉓ EVF/LCD (monitor selector) button (p.33)
㉔ LCD monitor
㉕ DISP (Display)/BACK button (p.43, 44)
㉖ Tripod mount
㉗ Battery cover (p.19)
㉘ AE-L (AE lock) button (p.69)
㉙ Photometry selector dial (p.68)
㉚ ▶ (Playback) button (p.44)
㉛ Indicator lamp (p.36)
㉜ 🙂 Intelligent Face Detection (p.37, 48)/Red-eye removal button (p.37)
㉝ ▲▼◀▶ (4-direction) button
㉞ MENU/OK button
㉟ Slot cover (p.21)
㊱ Memory Card slot (p.21)

13
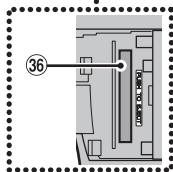
Example of screen Text Display

■ Shooting mode
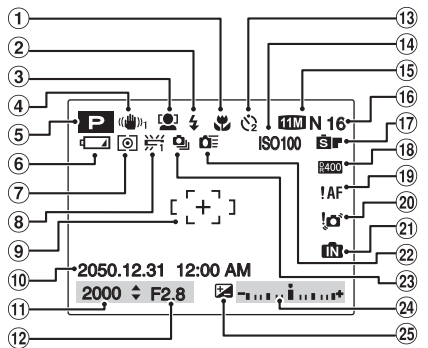
① ♣ Macro (close-up) (p.75)
② ♣ Flash (p.76)
③ 🔲 Intelligent Face Detection (p.37)
④ (⬤)₁ Dual IS mode (p.39)
⑤ 🄿 Shooting mode (p.55)
⑥ 🔋 Battery level indicator (p.18)
⑦ [◎] Photometry (p.68)
⑧ 🔆 White balance (p.91)
⑨ AF frame (p.34)
⑩ Date/Time (p.25)
⑪ Shutter speed (p.61)
⑫ Aperture (p.62)
⑬ 🕐 Self-timer (p.79)
⑭ Sensitivity (p.73)

⑮ 🔳 N Quality mode (p.89)
⑯ Number of available frames (p.168)
⑰ 🄢🄵 Film simulation (p.88)
⑱ 🄡400 Dynamic range (p.88)
⑲ !AF AF warning (p.152)
⑳ !◉ Camera shake warning (p.152)
㉑ 🄸🄽 Internal memory (p.23)
㉒ 🄳🄴 High-speed shooting (p.99)
㉓ 🔄 Continuous shooting (p.81)
㉔ Exposure compensation indicator (p.66)
㉕ 🄴 Exposure compensation (p.66)

Shooting mode values shown: ⑩ 2050.12.31 12:00 AM, ⑪ 2000, ⑫ F2.8, ISO100, 11M N 16
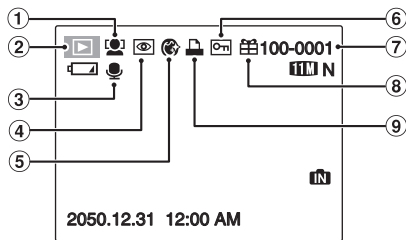
■ Playback mode

① 🔲 Intelligent Face Detection (p.48)
② ▶ Playback mode (p.44)
③ 🎤 Voice memo (p.107)
④ ◉ Red-eye removal (p.102)
⑤ ⊛ Portrait Enhancer mode (p.57)
⑥ 🔒 Protection (p.104)
⑦ Frame number (p.126)
⑧ 🎁 Present (p.44)
⑨ 🖨 DPOF (p.112)

Playback mode values shown: 🎁100-0001, 11M N, 2050.12.31 12:00 AM

FinePix S100FS has internal memory that can store images without Memory Card. 🄸🄽 appears on the screen when the internal memory is active.

Attaching the Strap, Lens Cap and Lens Hood

Attaching the strap and lens cap

1 **After securing the strap through the lens cap holder, attach the strap to the strap mounts on the camera. Once you have attached both ends of the strap, check carefully to make sure that the strap is firmly secured.**

① ② ③
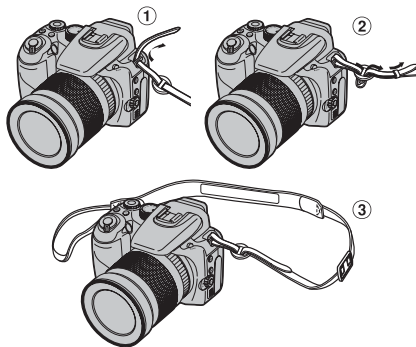
MEMO
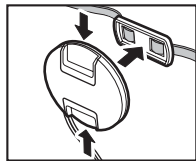
Make sure that the lens cap does not appear in your shot when taking a picture, attach it to the lens cap holder.

2 **Pull the lens cap cord through the strap.**
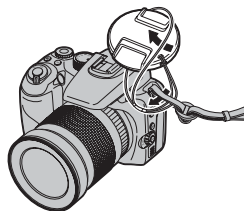
3 **Attach the lens cap.**
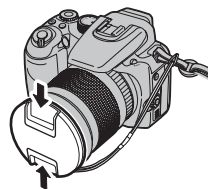
! CAUTION

- Attach the strap correctly to prevent dropping the camera.
- Attach the lens cap cord to prevent losing the lens cap.

Attaching the lens hood

When attaching the lens hood, it is effective for reducing ghost images and flare in backlit scenes. Camera provides crisp, clear shots.

1 **Align the indicators on the camera and lens hood, and fit the lens hood to the lens.**
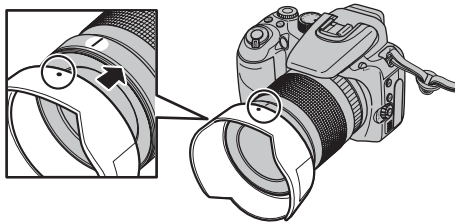
2 **Turn the lens hood clockwise until it clicks.**
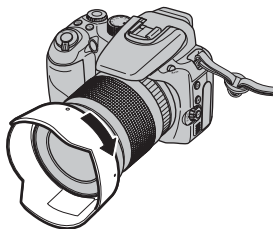
MEMO
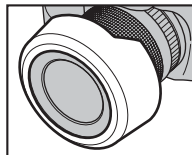
As in storing lens hood into the soft case, the lens hood can be attached upside down.

Charging the Battery

The battery is not fully charged at shipment and must be fully charged before being used.

■ Compatible battery

Rechargeable Battery NP-140 (1)

Terminals

Indicator
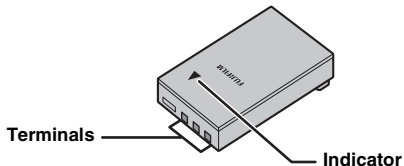
⚠ CAUTION

- 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.
- Any contact between the battery terminals could cause the battery to short circuit and overheat.
- See "Notes and Cautions" for information on the battery.
- Always use the Rechargeable Battery NP-140 (included). The use of other brands of rechargeable battery could cause faults or damage to the camera.
- Do not split or peel outer labels of the battery.

1 **Load the battery in to the battery charger BC-140.**

Set the battery correctly as indicated by the polarity icon.

Rechargeable battery NP-140

Battery Charger BC-140
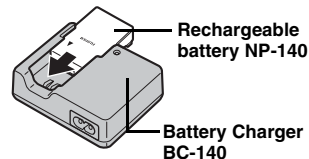
2 **Connect the battery charger and connecting cable and plug the connecting cable into the power outlet.**
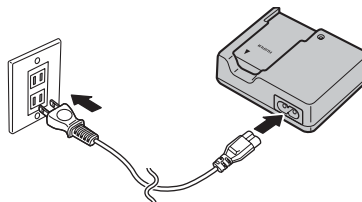
3 **The charging indicator blinks orange and charging begins.**

When charging is completed, the indicator lights orange.
Charging completes after 130 minutes.

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■ **<Charging Indicator and Statuses>**

Charging Indicator	Status	Action
Off	Battery not loaded	Load the battery to be charged.
	Battery fault during charging	Unplug the battery charger and remove the battery from the battery charger.
Lit orange	Fully charged (charging complete)	Remove the battery from the battery charger.
Blinking orange	Charging	–

⚠ **CAUTION**

- Unplug the battery charger from the power outlet when it is not in use.
- If the terminals of battery are soiled, it may not be possible to charge it. Clean the battery terminals and battery charger terminals with a clean, dry cloth.
- Charging times increase at low temperatures.
- The NP-140 gradually loses its charge even when not used. Charge a NP-140 just before taking pictures (in the last day or two).

⬢ **Checking the battery charge**

Turn the camera on and check the battery level indicator on the LCD monitor.
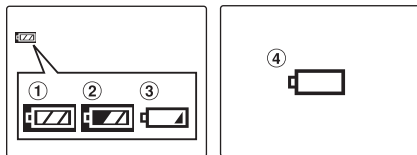
① There is ample battery charge. (Lit white)
② The battery is almost half charged. (Lit white)
③ There is insufficient charge left in the battery. The battery will soon run out. Have a charged battery ready. (Lit red)
④ The battery is depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the battery. (Blinking red)

⚠ **CAUTION**

- Due to the nature of the battery, the battery level indicator (▮▨, ▯▨, or ▯▭) may appear early when the camera is used in cold locations. Try warming the battery in your pocket or a similar location before use.
- Battery with no remaining charge (▯▭ blinking red) may cause camera faults. Always load a fully charged battery.
- Depending on the camera mode, the transition from ▯▨ to ▯▭ may occur more quickly.

Loading the Battery

Battery is required to operate the digital camera. At first, load the battery in the camera.

1 Open the battery cover.
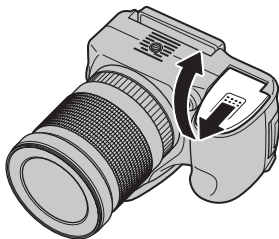
✓ CHECK

Check that the camera is turned off before opening the battery cover.

⚠ CAUTION

- Do not open the battery cover while the camera is on. This could damage the Memory Card or ruin the image files on the Memory Card.
- Do not apply force to the battery cover.

2 Load the battery as shown below.

Make sure that the indicators are aligned to load the battery. Check that the battery is firmly held in place.

Indicators
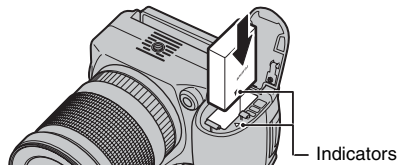
⚠ CAUTION

Load the battery in the correct direction.

3 Close the battery cover.
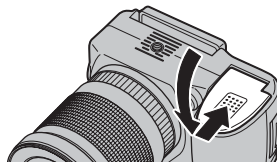
✓ CHECK

Make sure to close the battery cover securely until you hear a click.

Continued ➡

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Removing the battery

Battery release catch
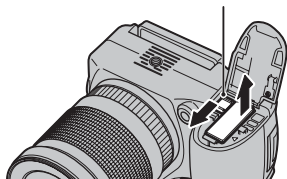
Open the battery cover, and unlock the battery release catch with your finger.

⚠ CAUTION

Make sure the camera is turned off before removing the battery.

✎ MEMO

If you want to use the camera powered by AC, the AC power adapter, AC-84V (sold separately) is necessary. Refer to the manual provided with the AC-84V for instructions.

Loading the Memory Card

Although you can store pictures in the camera's internal memory, you can store many more images on the Memory Card (sold separately). You can use the **xD-Picture Card** and the SD Memory Card with the FinePix S100FS. In this Owner's Manual, these cards are expressed as "Memory Card".

SD Memory Cards/SDHC Memory Cards
They are operation-checked at FUJIFILM Corporation.
Manufacturer: SanDisk

✎ MEMO

- Compatible models will be updated in our website:
  http://www.fujifilm.com/products/digital_cameras/index.html
- Depending on the SD Memory Card, recording of movies may be interrupted.
  Use of above mentioned SD Memory Cards are recommended.
- The camera is not compatible with multimedia cards.

1 Open the slot cover.

⚠ CAUTION

Do not open the slot cover while the camera is on. This could damage the Memory Card or ruin the image files on the Memory Card.

2 Insert a Memory Card.

(**xD-Picture Card**)

Gold marking
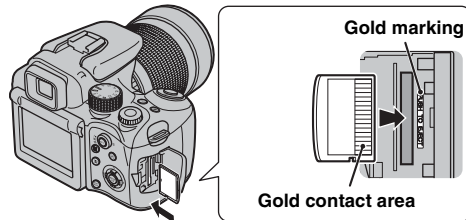
Gold contact area

Align the gold marking with the gold contact area, then insert an **xD-Picture Card** completely.

(SD Memory Card)

Gold marking
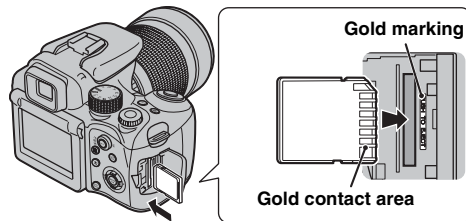
Gold contact area

Align the gold marking with the gold contact area, then insert an SD Memory Card completely.

Continued ➡

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⚠ CAUTION

Be sure to unlock the protection of the SD Memory Card before inserting it. If it is locked, recording/deleting images, as well as formatting are not available. To unlock the protection, slide the switch back, and the SD Memory Card will work normally.

▼ **Lock**
Protection switch
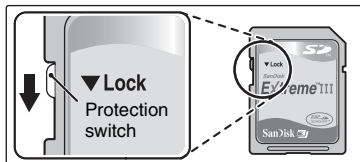
⚠ CAUTION

- A new SD Memory Card or a card previously used on a PC or any device other than the camera should be formatted (→p.129) on the camera before use.
- Do not use a miniSD adaptor or a microSD adaptor which have exposed contact areas on the back. Use of these adaptors may cause a malfunction or damage due to the improper contacts.
  A miniSD adaptor or microSD adaptor bigger than SD Memory Card standard size may become stuck. Pulling out forcefully may cause a malfunction. In that case, contact your FUJIFILM dealer.
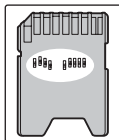
3 Close the slot cover.
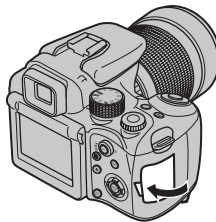
How to replace the Memory Card
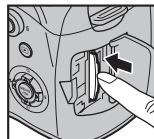
Push the Memory Card into the slot and then slowly remove your finger. The lock is released and the Memory Card is pushed out.

⚠ CAUTION

- When storing Memory Cards, make sure that they are kept out of the reach of children. A Memory Card could be swallowed and cause suffocation. If a child swallows a Memory Card, seek medical attention or call emergency number right away.
- If the Memory Cards is oriented incorrectly, it will not go all the way into the slot. Do not apply force when inserting a Memory Card.
- Note that the Memory Cards may spring out if you release your finger quickly from the card immediately after the lock is released.
- Operation of this camera is only guaranteed when it is used with FUJIFILM **xD-Picture Card** and operation-checked SD Memory Card (→p.21).
- See p.151 for information on the **xD-Picture Card**, SD Memory Card and the Internal Memory.

✎ MEMO

- The size of an image file varies depending on the subject. For this reason, the number recorded may not represent the actual number of frames.
- See p.168 for information on the standard number of available frames.

■ About internal memory
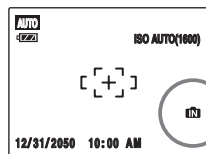
FinePix S100FS has internal memory that can store images without Memory Card. 🖭 appears on the screen when internal memory is active.

When a Memory Card (sold separately) is inserted
Record images: Record images to a Memory Card.
Playback images: Playback images in a Memory Card.

When a Memory Card (sold separately) is not inserted
Record images: Record images to internal memory.
Playback images: Playback images in internal memory.

■ About images in the internal memory

Images held in the camera's internal memory may be corrupted or erased due to problems such as camera faults. Save your important data to another media (i.e., DVD-R, CD-R, CD-RW, hard disk, etc.).
It is possible to transfer saved images on the internal memory to a Memory Card (→p.106).

Turning On and Off

Turning the camera on

Set the Power switch to ON to turn the camera on in
Shooting mode.
Set the Power switch to OFF to turn the camera off.
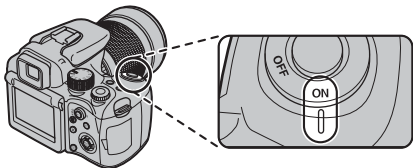
MEMO Switching between Shooting and Playback mode

Pressing ▶ when the camera is in Shooting mode
switches the camera to Playback mode. Pressing the
shutter button switches the camera to Shooting mode.

Setting the language, date, and time

When using the camera for the first time after purchasing,
the language, date, and time are cleared. Set the
language, date, and time.

1 [🌐 言語/LANG.] **screen appears when turning
the camera on.**

> START MENU
> 🌐 言語/LANG.
> | 日本語 | ENGLISH | FRANCAIS |
> | DEUTSCH | ESPAÑOL | ITALIANO |
> | 中文簡 | 繁體 | 한글 |
> | РУССКИЙ | PORTUGUÊS | NEDERLANDS |
> | TÜRKÇE | ČESKY | MAGYAR |
> | POLSKI | SVENSKA | |
> OK SET   BACK NO

① Press ▲, ▼, ◀, or ▶ to select the
language.

② Press MENU/OK to confirm the setting.

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2 Set the date and time.

© DATE/TIME NOT SET

```
              2010
              2009
YY.MM.DD      2008   1. 1  12:00
              2007         AM
              2006
```

OK SET   BACK NO
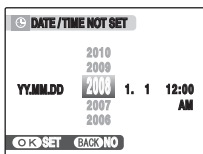
① Press ◀ or ▶ to select Year, Month, Day, Hour, or Minute.

② Press ▲ or ▼ to correct the setting.

✎ MEMO

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

3 Change the date format.

© DATE/TIME NOT SET

```
       DD.MM.YY
①    → MM/DD/YY    12/ 1/2008  10:00
       YY.MM.DD                  AM
```

OK SET   BACK NO
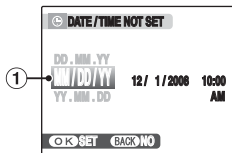
① Press ◀ or ▶ to select the date format.

② Press ▲ or ▼ to set the format.

③ Always press MENU/OK after the settings are completed.

Date format
ex. December 1, 2008
[YY.MM.DD]: [2008.12.1]
[MM/DD/YY]: [12/1/2008]
[DD.MM.YY]: [1.12.2008]

Continued ➡

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🖎 **MEMO**

[START MENU] screen also appears when the battery has been removed and the camera has been left for a long period. Once the AC power adapter has been connected or the battery has been installed for 10 hours or more, the camera settings will be retained for roughly 7 days even if both sources of power are removed.

Auto power off function

When the [AUTO POWER OFF] function is active, if the camera is left unused for 2 or 5 minutes, this function turns the camera off (→p.129). To turn the camera back on, set the Power switch to OFF, and then set to ON again. To play back images, press ▶ for about 1 second.

Correcting the Date and Time

1 **Open the [SET-UP] menu.**

SHOOTING MENU
QUALITY	**11M N**
HIGH-SPEED SHOOTING	**OFF**
SET-UP	
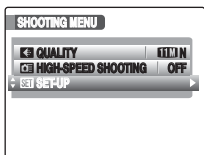
① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select [**SET** SET-UP].

③ Press ▶.

2 **Display the [DATE/TIME] screen.**

SET-UP
DATE/TIME	
OPERATION VOL.	
SHUTTER VOLUME	
PLAYBACK VOLUME	▷
AUTOROTATE PB	**ON**
LCD BRIGHTNESS	▷
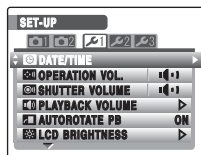
① Press ◀ or ▶ to select 🔧1.

② Press ▼ to move to menu item.

③ Press ▲ or ▼ to select [🕐 DATE/TIME].

④ Press ▶.
See "*2* Set the date and time." (→p.25).

Selecting the Language

1 Open the [SET-UP] menu.

SHOOTING MENU

![] QUALITY	11M N
![] HIGH-SPEED SHOOTING	OFF
![] SET-UP	

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select [![] SET-UP].

③ Press ►.

2 Display the [![] 言語/LANG.] screen.

SET-UP

![] [] [] [] []

![] FORMAT	►
![] 言語/LANG.	ENGLISH ►
![] AUTO POWER OFF	2 MIN
![] TIME DIFFERENCE	⌂
![] BACKGROUND COLOR	►
![] GUIDANCE DISPLAY	ON
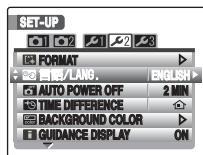
① Press ◄ or ► to select ![]2 .

② Press ▼ to move to menu item.

③ Press ▲ or ▼ to select [![] 言語/LANG.].

④ Press ►.
See "*1* [![] 言語/LANG.] screen appears when turning the camera on." (→p.24).

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Basic Operation Guide

Shutter button (p.34)

Press this button halfway to adjust the focus and brightness. Press fully to take a picture.

Power switch (p.24)

Turns the camera on and off.

Hot shoe (p.95)

Mount an external flash here.

Flash pop-up button (p.76)

To use the built-in flash, press this button to pop-up the flash.

▶●◀ One-touch AF button (p.71)

Focus the image once. This can only be used for manual focusing.

⚅ Continuous shooting button (p.81)

Press this button together with the command dial to set the continuous shooting mode.

Focus mode selector switch (p.32, 70, 71)

Changes among C-AF (Continuous AF), S-AF (Single AF) and MF (Manual focus).

《🖐》 Dual IS button (p.39)

Reduces camera shake and blurring (of a moving subject) by using the optical image stabilizer function.

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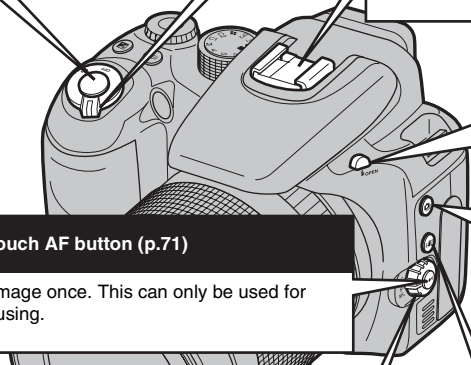
Command dial

Selects images or menus. Also, sets the sensitivity, exposure compensation, aperture and continuous shooting modes together with the "ISO," "⊠ Exposure compensation" and "⊡ᵢ Continuous shooting" buttons.

⊠ Exposure compensation button (p.66)

Used with the command dial to select the exposure compensation value.

ISO (sensitivity) button (p.73)

Used with the command dial to select ISO setting.

Sync terminal (p.96)

Use this to connect flash units that require a sync cable.

Focus ring (p.71)

The camera focuses on the subject using Manual focus mode.

Mode dial (p.55)

Turn the mode dial to select shooting mode.
AUTO : Auto
FSB : Film simulation bracketing
SP1/SP2 : Scene position
P: Programmed Auto
S: Shutter-priority Auto
A: Aperture-priority Auto
M: Manual
C1/C2 : Custom mode
🎬: Movies

Zoom ring (p.42)

Turn the zoom ring to take pictures with zoom function.

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Diopter adjustment control (p.33)

Makes the image in the viewfinder easier to see. Set the diopter adjustment control to the position where the AF frame appears sharpest.

AE-L (AE lock) button (p.69)

The exposure is fixed.

Photometry selector dial (p.68)

Selecting light metering method.

▶ playback button

Switches Shooting mode to Playback mode.

EVF/LCD (monitor selector) button (p.33)

Pressing the "EVF/LCD" button toggles between the viewfinder (EVF) and the LCD monitor. Use whichever mode is best suited to your shot.

MENU/OK button

Press this button to display the [SHOOTING MENU] or [PLAYBACK MENU], or to confirm the settings.

Intelligent Face Detection/Red-eye removal button (p.37)

Take a picture by focusing on people's face. Also, red-eye effect, caused by the light of the flash reflecting off the inside of the eye, can be corrected before an image is recorded.

DISP (display)/ BACK button (p.43)

DISP: Press this button to select the screen display.
BACK: Press this button to stop a procedure midway through.

▲▼◀▶ button

At shooting : ▲ : Q Digital zoom
◀ : ♣ Macro
▶ : ✦ Flash
▼ : ♻ Self-timer
At playback: selecting images or skip playback of movies.

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Taking Pictures (AUTO AUTO Mode)

This section describes the basic operations.

1 Turn the camera on.

① Set the Power switch to ON.
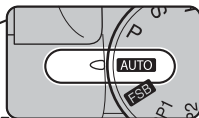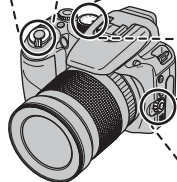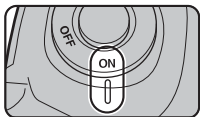
② Set the Mode dial to AUTO.
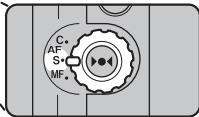
③ Set the Focus mode selector switch to "S-AF."
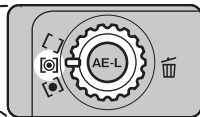
④ Set the Photometry selector dial to [⊙] Multi (Pattern).

✍ CHECK

- **Focal range**
  Wide-angle: approx. 50 cm (1.6 ft.) to infinity
  Telephoto: approx. 2.5 m (8.2 ft.) to infinity
- Select ♥ Macro mode to take close-up shots (→p.75).

2 Press the Flash pop-up button to pop-up the flash.
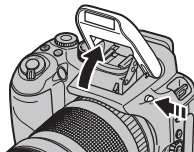
3 Switch the display.

Press EVF/LCD to alternate the display between the viewfinder (EVF) and the LCD monitor.
When the AF frame in the viewfinder (EVF) is difficult to see, adjust the viewfinder using the Diopter adjustment dial.

Diopter adjustment dial
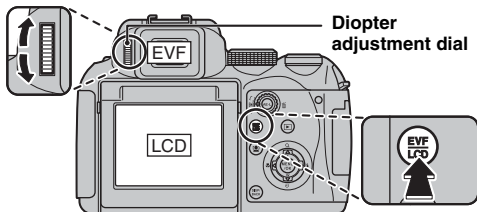
✐ MEMO

The EVF/LCD selection is retained even when the camera is off or the mode setting is changed.

Holding the camera correctly
Brace your elbows against your sides and hold the camera with both hands.
Using the viewfinder (EVF) allows for a steady arm position, preventing picture blur.
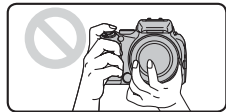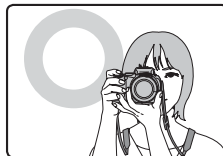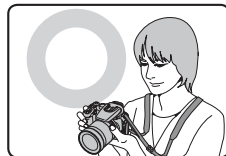
Do not cover the lens or flash with your fingers.

⚠ CAUTION

- Moving the camera while shooting gives a blurred picture (camera shake). Hold the camera steadily with both hands.
- If the lens or flash is obscured by your fingers or the strap, subjects may be out of focus or the brightness (exposure) of your shot may be incorrect.

Continued ➡

4 **Focus on the main subject in the AF frame and press the shutter button down halfway.**

AF frame

Halfway pressed

AF frame becomes smaller and camera focuses on the subject.
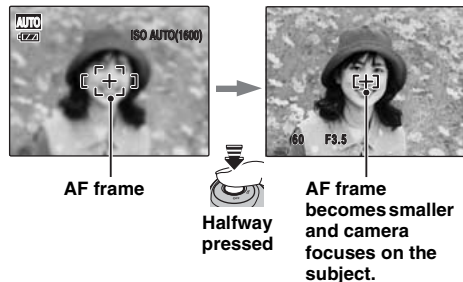
✅ CHECK

- **Focus on the subject**
  Double beep is heard
  Indicator lamp lit green
- **Not focus on the subject**
  No sound
  AF frame lit red
  !AF indicated
  Indicator lamp blinking green

✎ MEMO

- The shutter button has a halfway point at which focus and exposure are automatically optimized before taking the picture by pressing fully down.
- When pressing the shutter button halfway, a lens operation sound may be heard.

5 **Press the shutter button fully.**
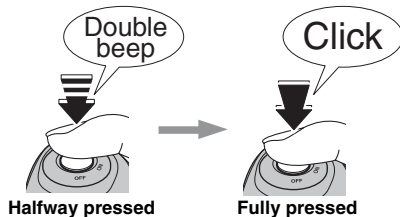
Double beep

Click

Halfway pressed   **Fully pressed**

⚠ CAUTION

When taking a picture using the flash, the image may disappear and go dark briefly due to flash charging. The indicator lamp blinks orange during charging.

✎ MEMO

- When the subject is not in the AF frame, use AF/AE lock to take the picture (→p.40).
- When pressing the shutter button down fully in one motion, the camera takes the picture without the AF frame changing.
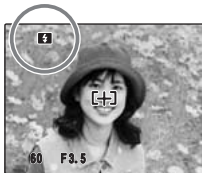
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Flash

When pressing the shutter button down halfway, ⚡ appears on the screen before the flash fires.

If you want to change the setting, see p.76 for information on flash.

⚠ CAUTION

- The image shown on the screen 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.44).
- When selecting a slow shutter speed that will cause camera shake, !⚠ appears on the screen. Use flash or a tripod.
- See p.152-156 for information on warning displays. See "Troubleshooting" (→p.157-162) for more information.

◼ Using LCD monitor when taking pictures

The angle of the LCD monitor is flexible. It is useful to shoot a subject in a high or low location.
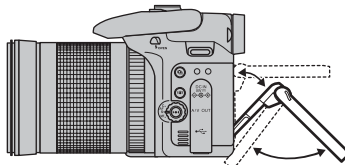
Angles are flexible within the range of dotted lines.

◼ Compatible filters

67 mm (2.6 in)-diameter thin type polarizing filter can be attached. Be sure to use thin type filters as standard filters may cause vignetting.

① Remove the lens hood and attach the polarizing filter by rotating.
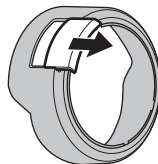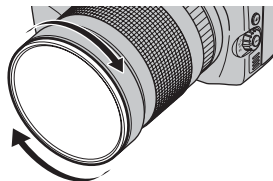
② Slide the polarizing filter window cover on the lens hood to remove, and attach the lens hood to the lens (→p.16).

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③ You can adjust the polarizing filter with your finger through the polarizing filter window when taking pictures.
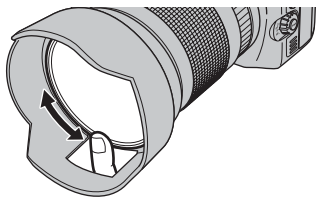
Support for remote release
Use remote release RR-80 (sold separately) with this camera.
To prevent camera shake, use a tripod (sold separately) and remote release RR-80.
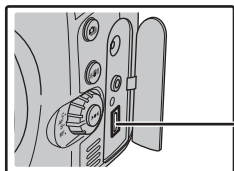
Connect to USB socket.

■ **Indicator lamp display**
The indicator lamp lights or blinks when pressing the shutter button, etc. The indicator lamp shows the camera status.

Indicator lamp
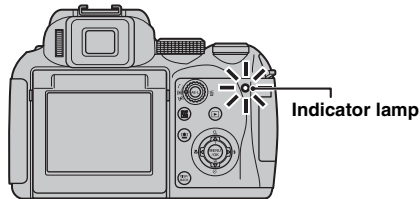
Display	Status
Lit green	Locking the focus
Blinking green	Camera shake warning, AF warning, or AE warning (ready to shoot)
Blinking green and orange alternately	Recording to Memory Card or internal memory (ready to shoot)
Lit orange	Recording to Memory Card or internal memory (not ready)
Blinking orange	Charging flash (flash will not fire)
Blinking red	• Warnings for Memory Card and internal memory Card not formatted, incorrect format, memory full, Memory Card or internal memory error • Lens operation error

✎ **MEMO**

Detailed warning messages appear on the screen (→p.152-156).

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Using Intelligent Face Detection when taking pictures

Intelligent Face Detection allows you to focus on and adjust the brightness of people's faces. Intelligent Face Detection is effective with the camera held horizontally or vertically.

Available Shooting modes: AUTO, FSB, SP2 (♠, ♠S, ☻, ⊛, ☚, ☂, ☂, ☝), P, S, A, M

Available AF modes: All except MF (Manual focus)

1 Set Intelligent Face Detection.

Press 🙂 . Intelligent Face Detection setting changes each time you press 🙂 .
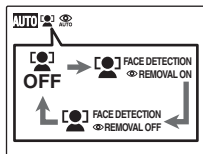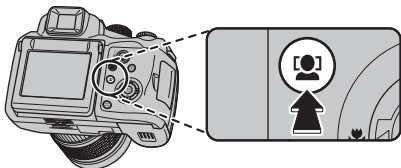
Red-eye effect, caused by the light of the flash reflecting off the inside of the eye, will be corrected automatically when a picture is taken with [🙂 FACE DETECTION ⊙ REMOVAL ON] set.

⚠ CAUTION

• If the camera is unable to detect faces in an image, it will not correct the red eye-effect sufficiently, or not at all. Also, the camera cannot correct the red-eye effect if the face is in profile.
• Correction results may differ depending on the scene.
• The processing may take more time if there are many faces in an image.
• When [RAW CCD-RAW] is set to [ON] in the [SET-UP] menu, the red eye correction function is invalid.

2 Check the composition on the LCD monitor.

When there are multiple people in the frame, Intelligent Face Detection will set a green frame around the face nearest to the center of the picture. This face has focusing priority.

Green frame

3 Press the shutter button down fully to take pictures.

Continued ➡

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✎ CHECK

■ [😀 FACE DETECTION ◎ REMOVAL ON]

When a picture is taken with [😀 FACE DETECTION ◎ REMOVAL ON] set, the red-eye effect will be detected and corrected before the image is recorded. When taken with [😀 FACE DETECTION ◎ REMOVAL OFF] set, the image is recorded without red-eye correction.

① Red-eye effect in an image will be detected after the shooting.

② Red-eye effect will be corrected before the image is recorded. When the red-eye effect is not detected, processing will end without the [REMOVING] screen displayed.

Subjects not suitable for Intelligent Face Detection

Intelligent Face Detection automatically focuses on a face(s). However, difficulties will occur with the Intelligent Face Detection mode in the following situations:
• The face is obscured by glasses, sunglasses, a hat or hair
• A person turned sideways, or who has their head tilted
• The subject is too far away to recognize a face
Intelligent Face Detection will not work in cases where the subject is standing on his/her head, is not a person (pet or other animal), or if the camera is not held correctly.

Use AF/AE lock (→p.40) to guarantee best result when shooting a subject that is not suited for Intelligent Face Detection.

⚠ CAUTION

• If the camera or subject move as the picture is taken, the subject's face may move out of the Intelligent Face Detection frame.
• When the camera is detecting multiple faces, the green frame is set around the face near the center. If you want to focus on another subject, move the camera so that the new subject is in the center of the screen.
  If focus is still not achieved, press 😀 (Intelligent Face Detection) to turn off the function, and take the picture using AF/AE lock (→p.40).
  Intelligent Face Detection can focus on a face in a white frame providing the subjects in the green and white frame are of the same focal length.
• Pressing the shutter button halfway with Intelligent Face Detection off, the focus will be on the center of the frame.

Using the Dual Image Stabilizer function when taking pictures

You can reduce camera shake by using the Dual Image Stabilizer function, which activates the optical image stabilizer.

✎ **MEMO**

When **AUTO** is selected for Shooting mode, both camera shake and blurring of moving subjects can be reduced.

Available Shooting modes: All

① Press 《👊》 to activate Dual IS (image stabilization) mode. Press 《👊》 again to set [DUAL IS MODE] to OFF.
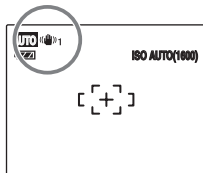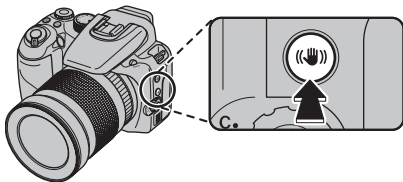
《👊》₁ or 《👊》₂ will be displayed when [DUAL IS MODE] is activated.

② Press the shutter button down fully to take pictures.

⚠ **CAUTION**

Camera shake and blurring may remain depending on scenes.

🔍 **CHECK**

ON settings can be changed. Select [《👊》₁ CONTINUOUS] or [《👊》₂ SHOOTING ONLY] in [DUAL IS MODE] of the [SET-UP] menu (→p.127).

Taking pictures with the focus and exposure locked

In the above composition, the subjects are not in the AF frame. Pressing the shutter button halfway at this point will result in the subjects being out of focus.

AF/AE lock is useful:

Use AF/AE lock to guarantee best result when shooting a subject that is not suited to autofocusing (→p.41).

(!) CAUTION

When taking a picture in AF/AE lock, cancel Intelligent Face Detection.

Using AF/AE lock

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

2 **Press the shutter button down halfway to focus on the subject.**

Halfway pressed

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

Click

Fully pressed

✐ **MEMO**
- AF/AE lock can be applied repeatedly before the shutter is released.
- On FinePix S100FS, pressing the shutter button down halfway locks the focus and exposure settings (AF and AE lock).

Subjects not suitable for autofocus

FinePix S100FS 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 **Fast moving subjects**
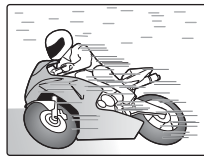
- Subjects photographed through glass
- Subjects that do not reflect well, such as hair or fur
- Subjects with no substance, such as smoke or flames
- Dark subjects
- Subjects with little or no contrast between the subject and the background (such as subjects dressed in the same color as the background)
- 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)

For such subjects use AF/AE lock (→p.40) or "MF" Manual focus mode (→p.71).

AF-assist illuminator

Use this illuminator to focus on the subject in dimly lit conditions.
When pressing the shutter button down halfway, the camera fires the AF-assist illuminator (white) while focusing on your subject.

AF-assist illuminator
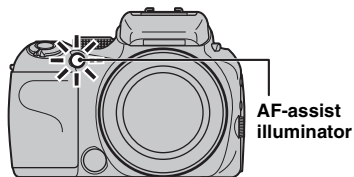
✎ MEMO

- Even when the AF-assist illuminator fires, the camera may have difficulty focusing in some conditions.
- The camera focuses most easily when a picture is taken at a distance of around 5.5 m (18.0 ft.) with wide-angle and around 2.5 m (8.2 ft.) with telephoto.
- Even though there is no danger to safety, do not expose it directly in someone's eyes.
- When using the AF-assist illuminator in Macro mode, the camera may have difficulty focusing to take close-up shots.
- See p.121, 122 for information on turning the AF-assist illuminator off.
- AF-assist illuminator does not fire in ▲, ▲ˢ, ▲ᵛ, ❄, 🏔, ⚒ or ⚙ mode.

Using zoom function

Turn the zoom ring to take pictures with zoom function. The zoom bar appears on the screen while the zoom ring is being used.
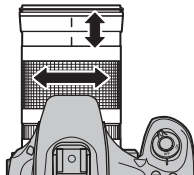
✔ CHECK

Optical zoom focal length (35 mm camera equivalent)
Approx. 28 mm to 400 mm Max. zoom scale: 14.3×

 Press 🔍 (▲) digital zoom button (→p.31) to change to Digital zoom mode (2×).
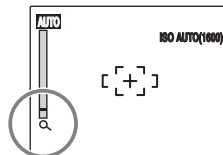
✔ CHECK

When using digital zoom, 🔍 appears in the bottom left corner of the screen and the zoom bar color changes.

MEMO

Press Q ($\blacktriangle$) again to cancel the digital zoom.

Adjusting the shot composition

Selecting the screen display

Press DISP/BACK to change the screen display.

DISP/BACK
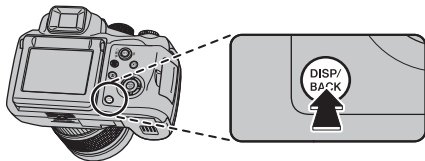
Text displayed → No text displayed

Framing guideline displayed

Best framing

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.

MEMO

Always use AF/AE lock when composing a shot. The image may be out of focus if AF/AE lock is not used.

Viewing the Images

Play back your images to check them. For important photographs, always take a test shot and view the image to make sure that the camera is working normally.

⬢ Setting the camera to Playback mode

Press ▶ during Shooting mode to change to Playback mode.
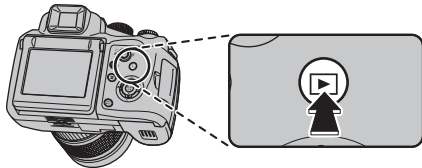
✎ MEMO

• Press ▶ to play back the last shot.
• [⬛ AUTOROTATE PB] in the [SET-UP] menu is set to [ON] at the factory setting (→p.128). Images shot by holding a camera vertically are displayed in the correct position automatically.
• When playing back images shot with a camera other than FinePix S100FS, 凸 a present icon appears on the screen.

⚠ CAUTION Still images viewable on FinePix S100FS

This camera will display still images recorded on FinePix S100FS or still images (excluding some uncompressed images) recorded on any FUJIFILM digital camera that supports **xD-Picture Card**s or SD Memory Cards. Clear playback or playback zooming may not be possible for still images shot on cameras other than FinePix S100FS.

Selecting the screen display

Press DISP/BACK during Playback mode to change the screen display.

44
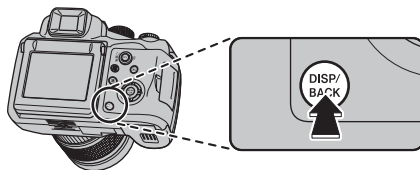
Single frame playback (text displayed) ↑

1 frame playback (no text displayed) ↓

2050
12/29
12/30
12/31
1/11

Sorting by date ↑

2 frames playback ↓
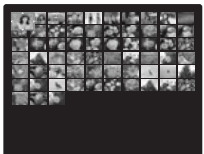
100 frames playback
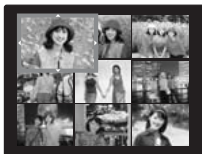
← 9 frames playback

⬣ **Single-frame playback**

100-0001

12/31/2050   10:00 AM

To select the required image:
Press ◀: last image
Press ▶: next image

✎ **MEMO**

Images can be selected by rotating the command dial instead of ◀ or ▶.

Selecting images quickly

To select images quickly, hold down ◀ or ▶ for 1 second during playback.
When releasing ◀ or ▶, camera returns to single-frame playback.

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Playback zoom

1 Zoom in / Zoom out.

To zoom in an image during single-frame playback:

**▼ button
(zoom out)**

**▲ button
(zoom in)**
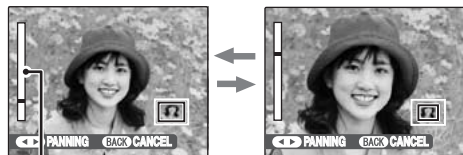
Zoom bar

Press ▼ or ▲ to zoom in or out of an image.

2 Display another part of the image.

**Navigation screen
(Current displayed image)**

① Press ◀ or ▶ to switch the display.

② Press ▲, ▼, ◀, or ▶ to display another part of the image.

✎ MEMO

Press DISP/BACK to cancel playback zoom.

■ Zoom scales

Quality mode	Max. zoom scale
11M (3840 × 2880 pixels)	Approx. 6×
3:2 (4032 × 2688 pixels)	Approx. 6.3×
6M (2816 × 2112 pixels)	Approx. 4.4×
3M (2048 × 1536 pixels)	Approx. 3.2×
2M (1600 × 1200 pixels)	Approx. 2.5×

∗ Zoom cannot be performed when the images recorded by 03M are played back.

Multi-frame playback

Use this function to display 2 frames, 9 frames or 100 frames (Micro Thumbnail). You can compare and select images using the Multi-frame display.

2 frames playback/9 frames playback/ 100 frames playback (Micro thumbnails playback)

① Press ▲, ▼, ◀ or ▶ to change the colored frame and select an image. Press ▲ or ▼ repeatedly to jump to the next page.

② Press MENU/OK to enlarge the image.

Sorting by date

In sorting by date mode, you can view all images taken on the same day.

① Press ▲, ▼, ◀, or ▶ to move the cursor (colored frame) to the selecting frame.

② Press MENU/OK to enlarge the image.

Selecting the date

① Press ▲, ▼, ◄, or ► to move the cursor (colored frame) to ⇦ on the upper left frame.

② Press ◄ to display the selecting date.

③ Press ▲ or ▼ to move the cursor (colored frame) to select the date.
Press ▲ or ▼ repeatedly to jump to the next page.

④ Press ►.

Using Intelligent Face Detection when playing back pictures

For images shot using the Intelligent Face Detection function (🔲 is displayed), the face mark in the image changes each time you press the Intelligent Face Detection button. Press ▲ or ▼ to enlarge the image. Press ◄ or ► for the image scrolling screen, and press ▲, ▼, ◄ or ► to scroll the image.

⚠ CAUTION

The images recorded by 🔳 cannot be enlarged.

✎ MEMO

Press DISP/BACK to return to normal playback.

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🗑 **Erasing the Images/Movies**

Setting the camera to ▶
Playback mode (→p.44)

Use this mode to erase unnecessary images or movies to have ample free space on the Memory Card or internal memory.

Using the 🗑 (AE-L) button

Pressing 🗑 (AE-L) erases images easily.

> 🗑 **ERASE OK?**
>
> **OK** ◀▶ **CANCEL**
>
> OK SET
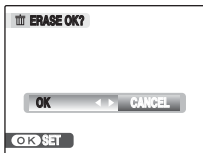
① Press ◀ or ▶ to select the erasing image.

② Press 🗑 (AE-L).

③ Press ◀ or ▶ to select [OK].

④ Press MENU/OK to erase the displayed image.

Erasing the images using [PLAYBACK MENU]

> **PLAYBACK MENU**
>
> 🗑 ERASE   ↰ BACK
> SLIDE SHOW   **FRAME**
> RED EYE REMOVAL **ALL FRAMES**
> IMAGE ROTATE
> PROTECT   ▷
> COPY   ▷
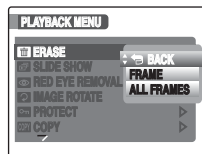
① Press MENU/OK to open [PLAYBACK MENU].

② Press ▲ or ▼ to select [🗑 ERASE].

③ Press ▶.

④ Press ▲ or ▼ to select [FRAME] or [ALL FRAMES].

⑤ Press MENU/OK to confirm the setting.

Continued ➡

Using the Camera

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Erasing one frame at a time ([FRAME])

🗑 ERASE OK?

◀   ▶

OK YES   BACK CANCEL
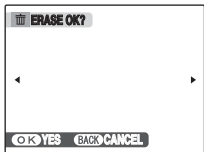
① Press ◀ or ▶ to select the erasing frame (file).

② Press MENU/OK to erase the currently displayed frame (file).

✎ **MEMO**

To erase another frame (file), repeat above steps. When erasing frames (files) is completed, press DISP/BACK.

⚠ **CAUTION**

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

Erasing all frames ([ALL FRAMES])

🗑 ERASE ALL OK?
IT MAY TAKE A WHILE

OK   ◀ ▶ CANCEL

OK SET

① Press ◀ or ▶ to select [OK].

② Press MENU/OK to erase all the frames (files).

✎ **MEMO**

BACK CANCEL
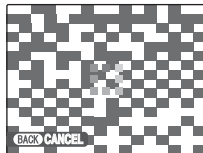
Press DISP/BACK to cancel erasing of all the frames (files). Some unprotected frames (files) will be left unerased.

✎ **MEMO**

- When using a Memory Card, the images in the Memory Card are erased. When not using a Memory Card, the images in the internal memory are erased.
- Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (→p.104).
- [DPOF SPECIFIED. ERASE OK?] or [DPOF SPECIFIED. ERASE ALL OK?] appears, when erasing DPOF specified files is attempted.

⚠ **CAUTION**

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

Using the Camera

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Automatic Adjustment of Shooting Condition

Certain shooting conditions may restrict what settings you can make on this camera.
For example, [🔲 DYNAMIC RANGE], [🔲 COLOR], [🔲 TONE] or [🔲 SHARPNESS] cannot be set with modes other than [🔲 PROVIA] in [🔲 FILM SIMULATION] of [SHOOTING MENU]. When selecting other modes such as [🔲 Velvia] or [🔲 SOFT] after setting [🔲 DYNAMIC RANGE], [🔲 COLOR], [🔲 TONE] or [🔲 SHARPNESS] with [🔲 PROVIA] mode, [🔲 DYNAMIC RANGE] is set automatically to [AUTO], and [🔲 COLOR], [🔲 TONE] and [🔲 SHARPNESS] are set automatically to [MID] or [STD].
In those cases, the following screen shows that the setting has been changed.

> !
> | D-Rng | R400 ➡ AUTO |
> | Color | HIGH ➡ MID |
> | Tone | HARD ➡ STD |
> | S | HARD ➡ STD |
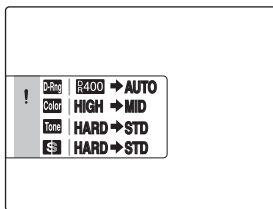
Using the Shooting Functions — Procedure of Setting

Specify the camera settings for taking pictures to get the best result. A general guide is given below.

1 Select Shooting mode.

Turn the Mode dial to select Shooting mode. The camera settings are tailored to the scene being shot.

Shooting mode	Page
AUTO Auto	55
FSB Film simulation bracketing	55
SP1, SP2 Scene position	56
P Program AE	59
S Shutter-priority AE	60
A Aperture-priority AE	62
M Manual	63
C1, C2 Custom	65
🎥 Movie	116

(!) CAUTION

When the camera has been used for long periods in places subject to extreme temperature rises, it will lower your image quality and streaking may also be visible in your images. If this occurs, turn the camera off several times to prevent heating the camera.

2 Specify the Shooting settings.

Pressing buttons or selecting menu allows you to specify shooting functions. You can obtain the best result for shooting.

■ Specifying functions using buttons

Function	Page
ISO (sensitivity)	73
🔅 Exposure compensation	66
AE-L (lock)	69
Photometry	68
😀 Intelligent Face Detection/ Red-eye removal	37
🌷 Macro	75
🗲 Flash	76
⏱ Self-timer	79
📷 Continuous shooting	81
《🖐》 Dual IS mode	39
Focus mode selector switch	32, 70, 71

■ **Functions to set by the [SHOOTING MENU] (MENU/OK button)**

Functions to set differ depending on the shooting mode setting.

[SHOOTING MENU]	Shooting mode			Page
	AUTO	SP1 SP2	**FSB** P S A M	
[SCENE POSITION]		✔		56
[FILM SIMULATION]			✔	88
[DYNAMIC RANGE]			✔	88
[QUALITY]	✔	✔	✔	89
[COLOR]			✔	90
[TONE]			✔	90
[SHARPNESS]			✔	91
[WHITE BALANCE]			✔	91
[WB FINE TUNE]			✔	93
[AE BKT EV STEPS]			✔	93
[FLASH]			✔	94
[EXTERNAL FLASH]			✔	95
[AF MODE]			✔	97
[HIGH-SPEED SHOOTING]	✔	✔	✔	99
[CUSTOM SET]			✔	99

Setting Shooting Mode

You can select the most suitable setting according to the subject by selecting one of Shooting modes.

AUTO Auto

This is the easiest mode for providing crisp and clear shots.
Use this mode for ordinary photography.

Camera specifies all settings other than [QUALITY] and [HIGH-SPEED SHOOTING] automatically.

Set the Mode dial to **AUTO**.
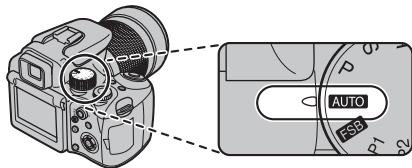
✔ CHECK

- See p.77-78 for information on the available flash modes.
- [ISO] (sensitivity) setting can be selected from [AUTO(400)], [AUTO(800)], [AUTO(1600)] (→p.74).

FSB FSB (film simulation bracketing)

Use this mode to shoot the same image continuously in different color or tone. 3 types of film ([PROVIA], [Velvia], [SOFT]) are available. For details on film characteristics, see p.88.
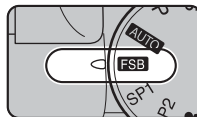
Set the Mode dial to **FSB**.

✔ CHECK

See p.77-78 for information on the available flash modes.

⚠ CAUTION

- Bracket shooting will not be performed, even if the shutter button is pressed when [CCD-RAW] is set to [ON] in the [SET-UP] menu. Shooting mode will be set to P (factory default setting), and only 1 frame will be shot.
- When the settings of [DYNAMIC RANGE], [COLOR], [TONE] and [SHARPNESS] in the shooting menu are changed, bracket shooting cannot be performed. Turn the power switch to OFF and then back ON to perform bracket shooting.
- When the power switch is turned OFF and then back ON, the camera is set to the factory default setting, except focus mode, photometry mode and EVF/LCD selector functions (→p.86-87).

⬢ SP1, SP2 **SCENE POSITION**

This mode provides the best Scene position setting for the scene being shot. Choose from 14 types of scene.

Select the Scene position setting in the [SCENE POSITION] menu.
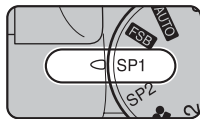
Set the Mode dial to SP1 or SP2.

About SP1 *and* SP2 *of the Mode Dial*
The Scene position for SP1 and SP2 are different. 4 scenes are available for SP1 to take nature photos. Use SP1 or SP2 according to the shooting subject.

✎ MEMO

• SP1 and SP2 are set to ▲ᵛ and 🌸 as factory default settings.
• See p.77-78 for information on the available flash modes.
• AF-assist illuminator does not fire in ▲, ▲ˢ, ▲ᵛ, ❈, 🏔, ⚒ and 🌾 modes.
• Only [AUTO] can be selected for the [🔢 ISO] (sensitivity) setting.

■ Selecting Scene position setting

NATURE
▲ˢ NATURE SOFT
▲ᵛ NATURE VIVID
❈ FLOWER

Ideal for a
wide range of
subjects

OK SET   **BACK** CANCEL

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select [🎬 SCENE POSITION].

③ Press ▶.

④ Press ▲ or ▼ to select the setting.

⑤ Press MENU/OK to confirm the setting.

■ **Scene position list**

Scene position		Functions
SP1	**[▲ NATURE]**	Use this mode for shooting scenery in standard colors and tones.
	[▲ˢ NATURE SOFT]	Use this mode for shooting scenery in soft tone.
	[▲ᵛ NATURE VIVID]	Use this mode for shooting scenery or nature in high brightness and sharp tone.
	[✳ FLOWER]	Use this mode to take close-up shots of flowers in rich and vivid tone. Focal range: Wide-angle: Approx. 10 cm to 3.0 m (3.9 in. to 9.8 ft.) / Telephoto: Approx. 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)
SP2	**[● PORTRAIT]**	Use this mode for photography to reproduce natural skin tones.
	[●ˢ PORTRAIT SOFT]	Use this mode for shooting portrait outdoors. This setting is effective for achieving both soft skin tones and clear blue sky.
	[☻ BABY MODE]	Use this mode to turn off the flash to capture a baby's skin in natural tone. Setting the AF-assist illuminator to [OFF] is recommended.
	[☺ PORTRAIT ENHANCER]	Use this mode for soft skin tone.
	[☾ NIGHT]	Use this mode for shooting evening and night scenes. A picture is taken with a slow shutter of up to 1/4 seconds.

✎ **MEMO**

Image parameters for SP1 and SP2 are based on Film simulation settings.
Shooting information is displayed in Playback mode. A Film simulation icon for scene positions will be displayed. Also, in [File/Folder Info] of software "FinePixViewer", ▲, ▲ˢ, ▲ᵛ, ● and ●ˢ are displayed as follows:

Scene position	[File/Folder Info] of "FinePixViewer"	
	Shooting Mode	Film Simulation
[▲NATURE]	[Landscape]	[PROVIA]
[▲ˢ NATURE SOFT]	[Landscape]	[SOFT]
[▲ᵛ NATURE VIVD]	[Landscape]	[Velvia]
[●PORTRAIT]	[Portrait]	[PORTRAIT]
[●ˢ PORTRAIT SOFT]	[Portrait]	[SOFT]

Scene position		Functions
SP2	[⛰ SUNSET]	Use this mode to shoot sunset, making the colors more vivid.
	[❅ SNOW]	Use this mode to prevent darkening images and provide crisp, clear shots, when shooting at snowy scene where the whole screen appears white.
	[🏖 BEACH]	Use this mode to prevent darkening images and provide crisp, clear shots, when shooting at beach under strong sunlight.
	[🏃 SPORT]	Use this mode to take pictures of a moving subject. It gives priority to faster shutter speeds. When setting [🏃SPORT] mode, the camera sets to [▣HIGH-SPEED SHOOTING] mode (→p.99) automatically.
	[❀ FIREWORKS]	Use this mode to shoot fireworks. It is effective for taking more vivid shots of fireworks with a slow shutter. Shutter speed setting: 1/2 sec. to 4 sec. Refer to "Selecting the exposure time setting for [❀FIRE WORK]" (→p.59).

✎ **CHECK**

Use a tripod to prevent camera shake for [☾ NIGHT] and [❀ FIREWORKS], as a slow shutter speed is used.

■ **Selecting the exposure time setting for [FIRE WORKS]**
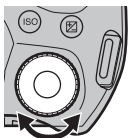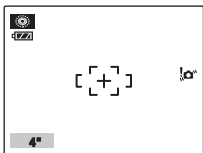
Rotate the command dial to select the exposure time.

P **Program AE**

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 S Shutter-priority Auto and A Aperture-priority Auto modes (Program shift).

✍ **CHECK**

• See p.54 for the available settings of Shooting mode.
• See p.77-78 for information on the available flash modes.

■ **Program shift**
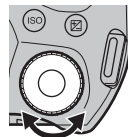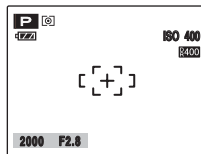
① Rotate the command dial to select different shutter speed and aperture setting combinations without changing the exposure setting.

Continued ➡

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② Press the shutter button to take pictures.

✎ MEMO

- Program shift can be used when Suppressed flash (→p.77) is set in flash mode.
- 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
  - Setting the camera to Playback mode
  - Turning the camera off
  - Popping the flash up

⚠ CAUTION
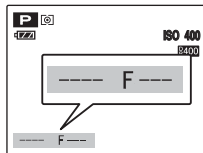
When the brightness of the subject is outside the camera's brightness metering range, [---] appears as the shutter speed and aperture setting on the screen.

Program shift cannot be used when [DYNAMIC RANGE] is set to [AUTO], and [ISO] is set to [AUTO(400)], [AUTO(800)] or [AUTO(1600)].

S **Shutter Priority AE**

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

✍ CHECK

- See p.54 for the available settings of Shooting mode.
- See p.77-78 for information on the available flash modes.

■ Setting the shutter speed
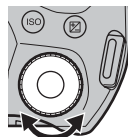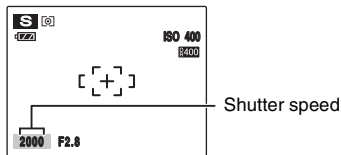
Shutter speed

① Rotate the command dial to select the shutter speed.

② Press the shutter button to take pictures.

✎ CHECK

Shutter speed setting
4 sec. to 1/4000 sec. in 1/3 EV increments

⚠ CAUTION
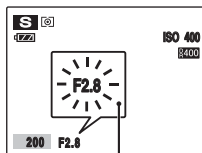
Lit red
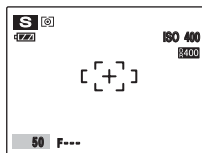
When the correct exposure cannot be obtained with selected shutter speed, the aperture setting appears in red. When this occurs, adjust the shutter speed again.

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.

The aperture setting will not appear until you press the shutter button down halfway when [🔳 DYNAMIC RANGE] is set to [AUTO].

Shutter speed

When shooting a moving subject, you can either "freeze the motion" or "capture the sense of movement" by adjusting the shutter speed.
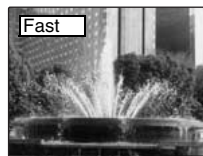
Freezes the motion of the subject.

Photographs the traces left by the subject's movement.

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⬡ A **Aperture Priority AE**

This is an automatic mode to set the aperture.
Use this mode to have the area in front of and behind the subject out of focus (large aperture) or have both near and far subjects in focus (small aperture).

✎ CHECK

• See p.54 for the available settings of Shooting mode.
• See p.77-78 for information on the available flash modes.

■ Setting the aperture
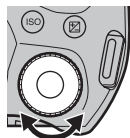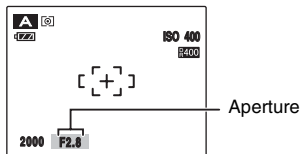
Aperture

① Rotate the command dial to select the aperture.

② Press the shutter button to take pictures.

✎ CHECK

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

⚠ CAUTION
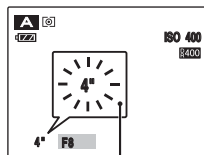
Lit red

When the correct exposure cannot be obtained with selected aperture setting, the shutter speed appears in red. When this occurs, adjust the aperture setting again. When ⚡ [FORCED FLASH] is set, you can take a picture with a shutter speed of up to 1/45 sec.
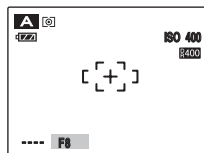
When the brightness of the subject is outside the camera's brightness metering range, [----] appears as the shutter speed.

The shutter speed will not appear until you press the shutter button down halfway when [DYNAMIC RANGE] is set to [AUTO].

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Aperture

By adjusting the aperture, you can change the depth of focus (depth of field). Selecting a larger number of aperture (closed) obtains a larger depth of focus. Selecting a smaller number of aperture (open) has the area in front of and behind the subject out of focus.

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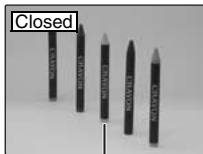
The area in front of and behind the subject is also in focus in the shot.

Main subject

Open
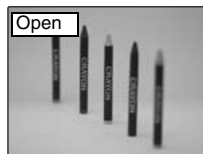
The area in front of and behind the subject is out of focus.

◆ M **Manual**

This is a shooting mode that allows for settings including the shutter speed and aperture.
Set the Shooting functions to manual to easily control yourself.

✔ CHECK

• See p.54 for the available settings of Shooting mode.
• See p.77-78 for information on the available flash modes.

■ Setting the shutter speed and aperture
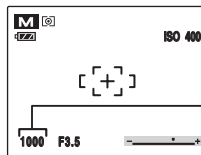
Shutter speed

① Rotate the command dial to select the shutter speed.

Continued ➡

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✔ CHECK

Shutter speed setting

30 sec. to 1/4000 sec. in 1/3 EV increments

✎ MEMO

- Use a tripod to prevent camera shake.
- In shots with long exposures, noise (dots) may appear on the image.

⚠ CAUTION

If the shutter speed is set to a speed 1/1000 sec., smearing (white stripes) may appear in the image (→p.170).

Bulb photography

Setting the shutter speed to "B" (Bulb) after setting a speed slower than 30 seconds allows bulb shots to be taken. In bulb photography, the shutter stays open for as long as the shutter button is held down (up to 30 seconds). Use a tripod or the remote release RR-80 (sold separately) to keep the camera steady.
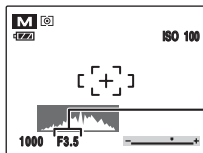
Aperture
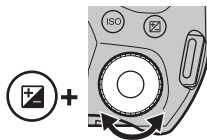
② Rotate the command dial to select the aperture, while pressing ⬛.

③ Press the shutter button to take pictures.

✔ CHECK

Aperture settings

Wide-angle: F2.8 to F11 in 1/3 EV increments
Telephoto: F5.3 to F11 in 1/3 EV increments

✎ MEMO

Explanation of Terms "EV" (→p.170).

The exposure indicator
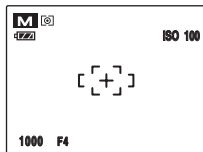
Use the exposure indicator on the screen as a guide when setting the exposure. When the brightness of the subject is outside the camera's brightness metering range, the exposure indicator disappears on the screen.

◆ C1, C2 **Custom**

This is a mode to save your favorite shooting mode settings to C1 or C2 and shoot with the saved settings. This mode is not available when Shooting mode is set to **AUTO**, SP1 or SP2.
See p.99 about how to save settings.
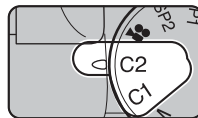
Set the Mode dial to C1 or C2.

✎ **MEMO**

• See p.54 for the available settings of Shooting mode.
• C1 and C2 are set to [TOP50] and [DYNAMIC RANGE BKT] as factory default settings; however, when [CCD-RAW] is set to [ON] in the [SET-UP] menu, both settings are cleared.

Adjusting the Image Brightness (⊠ Exposure Compensation)

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

Available Shooting modes: FSB, P, S, A

⬤ Adjusting exposure compensation

Press ⊠ to display the exposure compensation setting screen.
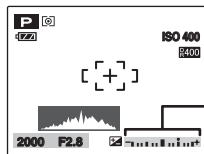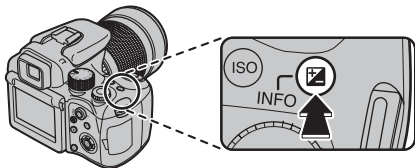

```
P  📷
🔋          ISO 400
              2400
   [ + ]

2000  F2.8  ⊠ ▪▪▪▪▪▪▪▪
```
Exposure Compensation indicator

⚠ CAUTION

This function can only be used for P, S or A in Shooting mode. However, this function can be used, when P, S or A is selected in C1 or C2.
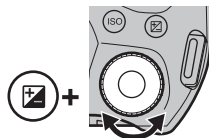
① Rotate the command dial to select the compensation value, while pressing ⊠. Release ⊠ to set.

② Press the shutter button to take pictures.

☑ CHECK

- 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.
- The screen brightness will increase or decrease depending on the exposure compensation setting.

positive (+) compensation

negative (–) compensation
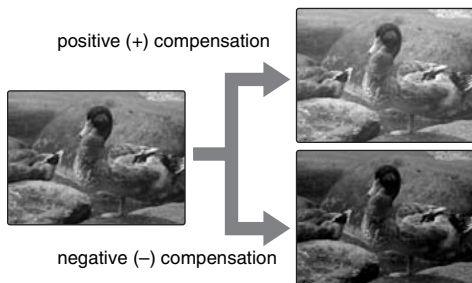
✪ CHECK

- Compensation range: –2 EV to +2 EV
  (13 steps in 1/3 EV increments)
- Explanation of Terms "EV" (→p.170)

🖉 MEMO

- 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.
- Any of the following disables exposure compensation:
  - Using the flash in [AUTO] or ⚘ mode
  - Shooting dark scenes in ⚡ or ⚘⚡ mode

Guide to compensation

- Backlit portraits: +2 steps to +4 steps (+2/3 EV to +1 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)
- Spotlit subjects, particularly against dark backgrounds: –2 steps (–2/3 EV)
- Scenes with low reflectivity, such as shots of pine trees or dark foliage: –2 steps (–2/3 EV)

Advanced Features — Photography

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Adjusting Light Metering (Photometry)

Use this setting when the correct exposure cannot be obtained for the shooting conditions.
Available Shooting modes: All except AUTO, SP1, SP2

Turn the Photometry selector dial to select the light metering method.
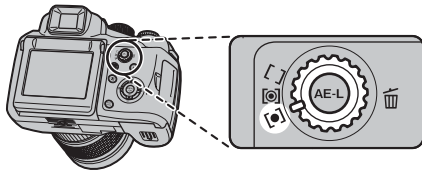
[◎] Multi (Pattern): Light metering where the camera assesses the scene and selects the correct exposure.
[•] Spot: Light metering where the exposure is optimized for the center of the image.
[ ] Average: Light metering where an average value for the entire image is used.

To use the photometry modes effectively

• 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.

• 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 scenery.

AE-L Using AE Lock

Use this function to take pictures with the exposure locked for a particular subject.
Available Shooting modes: All except ⊛ , M

① Position the subject in the center of the screen and press AE-L. The exposure is locked while you hold down AE-L.
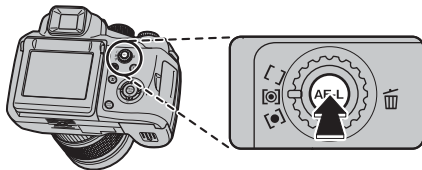
② Press the shutter button to take pictures, while pressing AE-L.

⚠ CAUTION

- AE lock can be canceled by zooming.
- Once you press the shutter button down halfway, the exposure remains locked even if you release AE-L.
- When AE lock is applied, pressing the shutter button down halfway only sets the focus.
- When using Intelligent Face Detection, the AE lock is invalid.

✅ CHECK

AE lock is activated only when holding down AE-L at factory setting. You can set to unlock AE lock even if you release AE-L. Select [🔒 AE-LOCK MODE] in the [SET-UP] menu (→p.122)

Continuous AF

Use this button to take pictures of a moving subject. Using Continuous AF mode reduces the time required for focusing.
Available Shooting modes: All except ☀

① Set the Focus mode selector switch to C-AF.
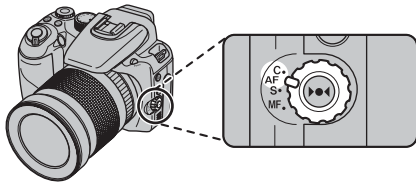
② Frame the shot so that the subject fills the entire AF frame. The camera continues to focus on the main subject in the AF frame.
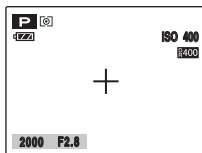
③ Press the shutter button down halfway to focus on the subject, and then press it down fully to take the picture.

Double beep | Click

Halfway pressed | **Fully pressed**
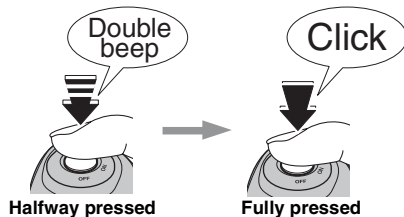
Continuous AF can be used with 🙂 Intelligent Face Detection.

⚠ CAUTION

- Because the camera focuses continuously without pressing the shutter button, note the following:
  - Watch the battery level carefully since the camera consumes more power in this mode than in other Focus modes (S-AF and MF).
  - If the [🔋 AUTO POWER OFF] function is set to [OFF], particular attention must be given to the battery level.
- When Continuous AF is set, [▣ AF MODE] of Shooting mode is automatically set to [▣ CENTER].

Manual focus

Use manual focus to lock the focus for a shot.
Available Shooting modes: All except 🎣

① Set the Focus mode selector switch to MF.

The 🎦 appears on the screen.

② Press ▶•◀ to focus on the subject in the focus frame.
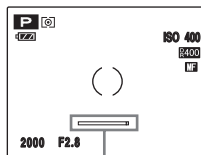
Focus indicator

A focusing indicator mark appears on the screen, and changes according to the focusing status.

✎ MEMO

Turn the focus ring until the white line of the focus indicator moves to the far right.
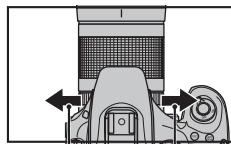
Close range   Long range

⚠ CAUTION

- Manual focus cannot be used in the 🎥 Movie mode.
- [🎦 AF MODE] (→p.97) in [SHOOTING MENU] cannot be set.

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■ **Focusing indicator marks**

The focus indicator mark changes by focusing status.
Moving the indicator right shows the high level focusing.

	Shows the high level focusing.
	Shows the low level focusing.

✎ **MEMO**

- If the focus is set to infinity using manual focusing, position the ( ) mark on a subject close to infinity. Continuing to turn the focus ring will move the focus position beyond infinity and defocus the image.
- The image will not be focused if the camera is moved. Use a tripod to prevent camera shake and manually focus more effectively.

One-touch AF function

Use this function to focus the shot quickly. Pressing ▶●◀ , the camera uses the autofocus function to focus on the subject.

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Changing the sensitivity setting ([ISO ISO])

Use this menu to specify required sensitivity setting of the ambient light around the subject.
The larger value of the sensitivity, the higher sensitivity is obtained. The higher sensitivity settings will allow you to take pictures in darker locations.

Available Shooting modes: All except SP1, SP2

① Press ISO to display the sensitivity setting screen.
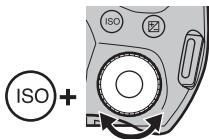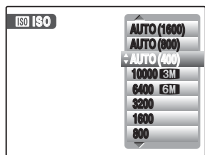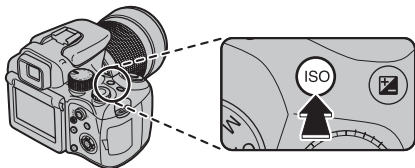
② Rotate the command dial to select the ISO sensitivity value, while pressing ISO. Release ISO to set.

✍ **CHECK**

- **Settings**
  [100]/[200]/[400]/[800]/[1600]/[3200]/[6400]/[10000]/
  [AUTO]/[AUTO(400)]/[AUTO(800)]/[AUTO(1600)]

  Selecting [AUTO]/[AUTO(1600)]/[AUTO(800)]/
  [AUTO(400)] as the sensitivity setting, the camera
  selects the best sensitivity setting for the subject's
  brightness.
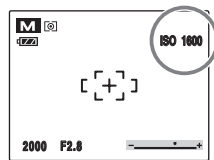
  The selected sensitivity setting appears on the LCD monitor when the sensitivity setting is set to another setting excluding [AUTO].

- **About [AUTO(1600)]/[AUTO(800)]/[AUTO(400)]**
  [AUTO(1600)]/[AUTO(800)]/[AUTO(400)] can be
  selected when the Mode dial is set to **AUTO**, **FSB** or
  P. For [AUTO(1600)]/[AUTO(800)]/[AUTO(400)],
  sensitivity is automatically set in the same way as for
  [AUTO], but the highest sensitivity is limited. Select
  [AUTO(1600)]/[AUTO(800)]/[AUTO(400)] depending
  on the scene.

Continued ➡

■ **Correlation of sensitivity, quality, Shooting modes and [SHOOTING MENU] options**

The image size (number of recorded pixels) depends on the sensitivity setting. Also, available sensitivity differs depending on the Photography modes.

ISO	Quality			Shooting mode				Continuous shooting				Film Simulation			Dynamic Range		
	03M/2M/3M	6M	3:2 11M N / 11M F	AUTO	SP1 SP2	FSB P	S A M					STD	V F	S F / P F	AUTO 100%	200%	400%
[100]	✔	✔	✔			✔	✔	✔				✔	✔		✔		
[200]	✔	✔	✔			✔	✔	✔	✔		✔	✔	✔	✔	✔	✔	
[400]	✔	✔	✔			✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
[800]	✔	✔	✔			✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
[1600]	✔	✔	✔			✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
[3200]	✔	✔	✔			✔	✔	✔	✔			✔			✔		
[6400]	✔	✔				✔	✔	✔	✔			✔			✔		
[10000]	✔					✔	✔	✔				✔			✔		
[AUTO]	✔	✔	✔		✔												
[AUTO (400)]	✔	✔	✔	✔		✔		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
[AUTO (800)]	✔	✔	✔	✔		✔		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
[AUTO (1600)]	✔	✔	✔	✔		✔		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

⚠ **CAUTION**

- Although higher sensitivity settings or wider dynamic range will allow you to take pictures in darker locations, they will also increase the amount of speckling in your images. Choose the sensitivity setting that best suits the conditions.
- If you set [ISO] to [3200], [6400] or [10000], images will have less resolution than when setting [ISO] to [1600] or less.

♥ Macro/♥ Super Macro (Close-up)

Use this mode to take close-up shots.
Available Shooting modes: AUTO, FSB, ☀, ☻, P, S, A, M

Press ♥ (◄) to select Macro mode.
The Macro mode setting changes each time you press the
♥ (◄).
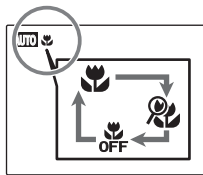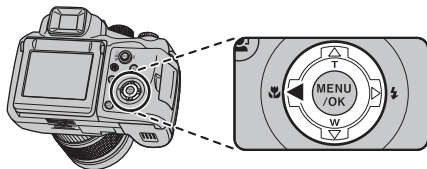
♥ or ♥ appears on the screen indicating that you can take close-up shots.

⚠ CAUTION
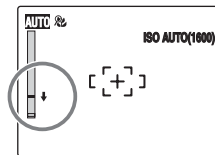
Use only widest-angle for Super Macro mode. ↓ appears when a focal range other than widest-angel is used. In this case, rotate the zoom ring according to ↓.
When Super Macro is set, flash cannot be used.

✅ CHECK

- Focal range
  Wide-angle: Approx. 10 cm to 3.0 m (3.9 in. to 9.8 ft.)
  Telephoto: Approx. 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)
- Focal range in Super macro
  Approx. 1 cm to 1.0 m (0.4 in. to 3.3 ft.)
  Focal length: fixed to approx. 28 mm (35 mm camera equivalent)
- Effective flash range (without lens hood)
  Wide-angle: Approx. 30 cm to 80 cm (11.8 in. to 2.7 ft.)
  Telephoto: Approx. 90 cm to 1.3 m (3.0 ft. to 4.3 ft.)
  When taking a picture using the flash for a wide angle shot, the camera lens might cast a shadow in the frame. In such case, increase the distance from the subject a little and zoom in.

✎ MEMO

- Use a tripod to prevent camera shake in Macro mode.
- Any of the following cancels Macro mode:
  - Changing the Mode dial to SP1, SP2 or ♠ mode
  - Turning the camera off
- If the flash is too bright, use flash brightness adjustment (→P.94).
- Even if [⊞ MULTI] (→p.97) in the [◨ AF MODE] is set, the camera focuses near the center of the screen.
- AF-assist may not function correctly if the camera is up close to the subject, such as in Macro mode.

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⚡ Setting the Flash (Intelligent Flash)

Flash photography is useful for taking pictures at night or indoor dark locations. Choose from 6 flash modes according to the type of shot. See p.77-78 for information on the available Shooting modes.

✎ MEMO

By calculating subject distance and brightness, the camera automatically adjusts the flash amount and sensitivity to suit shooting conditions. This maintains consistent balance of bright/dark areas across the image in low-light conditions (dimly-lit room, etc.). The Intelligent Flash feature guarantees consistent results when using the flash.

① Press the Flash pop-up button to pop up the flash.
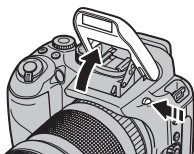
② Select the flash mode setting.

| ▸ AUTO → ⚡ ⤸ | The flash setting changes each |
| ⤷ s⚡ ◂──┘ | time you press ⚡ (▶). |

| ▸ 👁 → 👁⚡ ⤸ | When [👤 FACE |
| ⤷ 👁 ◂──┘ | DETECTION ◉ REMOVAL ON] is set. |
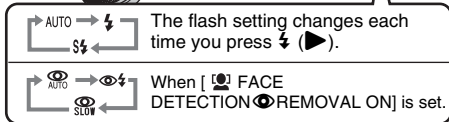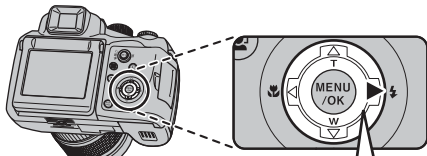
✎ MEMO

When pressing the shutter button down halfway, ⚡ appears on the screen before the flash fires.

[AUTO AUTO FLASH] (not displayed)

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

[👁 RED EYE REDUCTION]

This mode is suitable for shooting portraits in low-light conditions.
Use this mode to minimize red-eye (eyes appear in red in the finished photo).

✎ MEMO

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.

[$\frac{1}{4}$ FORCED FLASH], [$\otimes_{4}$ FORCED FLASH]

Use this mode in backlit scenes, 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. Using $\otimes_{4}$ synchronizes Red-eye reduction mode.

[S$\frac{1}{4}$ SLOW SYNCHRO], [RED EYE & SLOW]

This mode allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. To prevent camera shake, always use a tripod. Using synchronizes Red-eye reduction mode. Using ⟡ selects slow shutter speeds of up to 1/4 seconds.

⚠ CAUTION

In bright scenes, overexposure may occur.

Suppressed flash
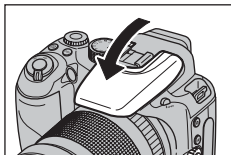
Pressing the flash down changes the camera to Suppressed flash mode. This mode is suitable for situations where the flash cannot be used. Use a tripod to prevent camera shake when shooting in Suppressed flash mode in the dark condition.

■ **Available flash modes in Shooting modes**
Available flash modes in each Shooting mode are listed below.

When [🙂 FACE DETECTION ⊘ REMOVAL OFF] is set:

	AUTO	⚡	S⚡
AUTO	✓	✓	
FSB			
▲			
▲S			
▲V			
❋			
●	✓	✓	✓
●S	✓	✓	✓
◉			
◎	✓	✓	✓
⟡			✓
⛰		✓	
·⚘·	✓	✓	
🏃	✓	✓	
🎿	✓	✓	
◉			
P	✓	✓	✓
S		✓	
A		✓	✓
M		✓	

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When [😊 FACE DETECTION◉REMOVAL ON] is set:

	💮AUTO	⊘🗲	💮SLOW
AUTO	✓	✓	
FSB			
🌷	✓	✓	✓
🌷S	✓	✓	✓
❀			
🎆	✓	✓	✓
🕯			✓
🏖		✓	
🎇	✓	✓	
🏃	✓	✓	
P	✓	✓	✓
S		✓	
A		✓	✓
M		✓	

✅ **CHECK**

Effective flash range (🎞 : [AUTO])
Wide-angle: Approx. 60 cm to 7.2 m (2.0 ft. to 23.6 ft.)
Telephoto: Approx. 2.5 m to 3.8 m (8.2 ft. to 12.5 ft.)
If you take pictures outside of the effective flash range, the image may appear dark even if the flash is used.

⚠ **CAUTION Notes on using flash**

- 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.
- If pressing the shutter button while the flash is charging (indicator lamp blinking orange), the picture will be taken without the flash (when using [AUTO] and 💮).
- 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 indicator lamp blinks orange during charging.
- The flash fires several times (pre-flashes and the main flash). Do not move the camera until the picture is taken.

○ **Self-Timer**

The self-timer is used in situations where the photographer is included in the shot.
Available Shooting modes: All

⬡ **Setting self-timer**

The self-timer setting changes each time you press ○ (▼).
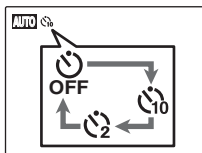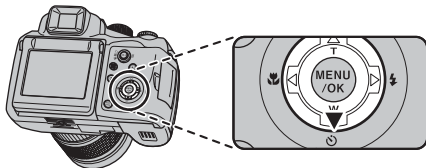
The last displayed setting is the selected mode.

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

⬡ **Taking pictures using self-timer**

1 **Press the shutter button down halfway to focus on the subject and press the shutter button fully.**

Double beep | Beep
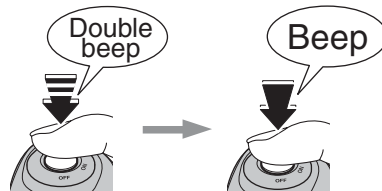
Halfway pressed | **Fully pressed**

Pressing the shutter button down halfway that focuses on the subject.
Without releasing the shutter button, press the button all the way down (fully pressed) to start the self-timer.

2 **Take pictures in selected time.**

A picture is taken after the self-timer lamp changes from lit to blinking (only blinks with the 2-second self-timer).
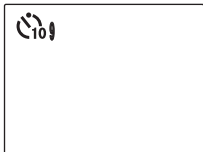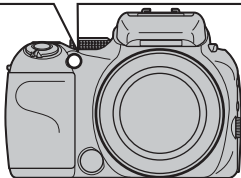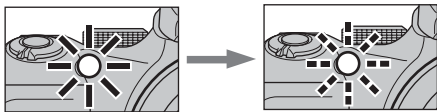
A countdown appears on the LCD monitor indicating the time remaining until the picture is taken.

Using the 2-second self-timer
This is useful when you worry about camera shake even if attaching the camera on a tripod.

✎ **MEMO**
- To stop the self-timer, once it has started running, press DISP/BACK.
- Any of the following cancels the self-timer setting:
  - Completing the shooting
  - Changing the Mode dial
  - Setting the camera to Playback mode
  - Turning the camera off
- Take care not to stand in front of the lens when pressing the shutter button as this can prevent the correct focus or brightness (exposure) from being achieved.

⬢ **Taking pictures with the self-timer and Intelligent Face Detection function**

Available Shooting modes: AUTO, FSB, SP2 (●, ●S, ☻, ☺, C, ☲, ☀, ⚐), P, S, A, M

📷 **Intelligent Face Detection**

The Intelligent Face Detection function is especially useful when using the self timer since it ensures that faces will appear in focus automatically.
This is convenient when taking a self portrait.

Taking pictures continuously

Use this mode to take pictures of a moving subject.

① Press ◻ to display the continuous shooting setting screen.
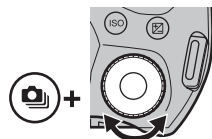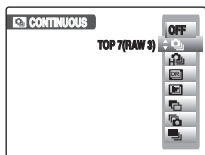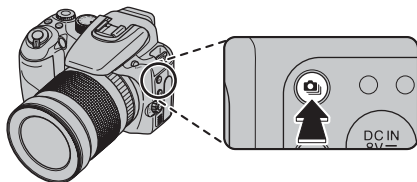
② Rotate the command dial to select the Continuous shooting mode, while pressing ◻. Release ◻ to set your selection.

[◻ TOP 7 (RAW 3)]: Continuous shooting
[◻ TOP50 ◻]: High speed continuous shooting
[◻ DYNAMIC RANGE BKT]: Dynamic range bracketing
[◻ FILM SIMULATION BKT]: Film simulation bracketing
[◻ AE BKT]: AE bracketing
[◻ LAST 7(RAW 3)]: Cycle continuous shooting
[◻ LONG PERIOD]: Long period continuous shooting

⚠ CAUTION

- Shooting continues as long as holding the shutter button down. In [DYNAMIC RANGE BKT], [FILM SIMULATION BKT] and [AE BKT] modes however, just press the shutter button once to shoot 3 frames.
- Number of available frames is limited depending on the available space on the Memory Card or internal memory. In [DYNAMIC RANGE BKT], [FILM SIMULATION BKT] and [AE BKT] modes, if there is insufficient space on the Memory Card or internal memory to record 3 frames, no pictures are taken.
- The focus is determined in the first frame and cannot be changed in mid-sequence (except for [LONG PERIOD]).
- 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 flash cannot be used as the flash mode is set to Suppressed flash. However, when the mode is changed back to normal photography, the flash setting specified before continuous shooting was selected is restored.
- For [TOP 7 (RAW 3)], [TOP50 ◻], [DYNAMIC RANGE BKT], [FILM SIMULATION BKT], [AE BKT] and [LAST 7(RAW 3)], the results are always displayed after you shoot. Note that pictures taken using [LONG PERIOD] continuous shooting are recorded without displaying the results.
- In [LAST 7(RAW 3)] and [LONG PERIOD] modes, only 1 frame can be shot when using with the Self-timer mode.
- File recording time using [TOP 7 (RAW 3)], [TOP50 ◻], [DYNAMIC RANGE BKT], [FILM SIMULATION BKT], [AE BKT] or [LAST 7(RAW 3)] may increase when recording to a Memory Card or internal memory.

[🔹 TOP 7 (RAW 3)] continuous shooting

Available Shooting modes: All

Shooting continues as long as holding the shutter button down. This mode shoots up to 7 frames (approx. 3 frames/ sec.).

⚠ CAUTION

When [🔲 CCD-RAW] is set to [ON] in the [SET-UP] menu, up to 3 frames can be shot.

[🔹 TOP50🔳] (approx. 7 frames/sec.)

Available Shooting modes: All except SP1, SP2

Shooting continues up to 50 frames as long as the shutter button is held down (approx. 7 frames/sec.). Use this mode when your priority is continuous shooting speed over image quality, during continuous shooting.

⚠ CAUTION

- [🔲 FILM SIMULATION] will be set to [🔲 PROVIA].
- [🔲 DYNAMIC RANGE] will be set to [AUTO].
- The options of [🔳 QUALITY] (→p.89) are not available. Even if you set the quality beforehand to 🔳 or higher, the quality is limited to 🔳 or under. The restriction is cleared when you select another shooting mode.
- This mode cannot be used when [🔲 CCD-RAW] is set to [ON] in the [SET-UP] menu.

[🔲 DYNAMIC RANGE BKT]

Available Shooting modes: 🔳, P, S, A

The camera automatically varies the dynamic range setting, and 3 frames are shot continuously in order of 100%, 200% and 400%.

⚠ CAUTION

- ISO sensitivity is restricted. For details, see p.74.
- This mode cannot be used when [🔲 CCD-RAW] is set to [ON] in the [SET-UP] menu.

[🔲 FILM SIMULATION BKT]

Available Shooting modes: 🔳, P, S, A

The camera automatically varies the [🔲 FILM SIMULATION] setting, and 3 frames are shot continuously in order of [🔲 PROVIA], [🔲 Velvia] and [🔲 SOFT].

⚠ CAUTION

- ISO sensitivity is restricted. For details, see p.74.
- This mode cannot be used when [🔲 CCD-RAW] is set to [ON] in the [SET-UP] menu.

[🔳 AE BKT]

Available Shooting modes: FSB, P, S, A, M

This mode shoots the same image with different exposure settings.
Bracketing shoots 3 continuous frames, each with a different exposure setting. Ⓐ is correctly exposed, Ⓑ is overexposed and Ⓒ is underexposed.
The exposure range settings can be changed in [🔳 AE BKT EV STEPS] in the [SHOOTING MENU].

🗹 CHECK

AE bracketing settings (3) [±1/3 EV], [±2/3 EV], [±1 EV]

⚠ CAUTION

• If the underexposed or overexposed frame is outside the camera's control range, the picture is not taken with the specified setting increments.
• [🔳 AE BKT] cannot be used when the Shooting mode is set to AUTO, SP1, or SP2.

🖋 MEMO Changing the setting (exposure range)
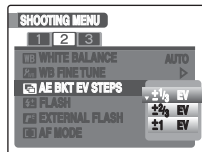
Press MENU/OK to display [SHOOTING MENU] and change the setting in the [🔳 AE BKT EV STEPS] menu option (→p.93).

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[LAST 7(RAW 3)] continuous shooting

Available Shooting modes: All

Shooting continues as long as holding the shutter button down.
This mode shoots up to 50 times (approx. 3 frames/sec.).
The camera records the final 7 frames shot when you release the shutter button.
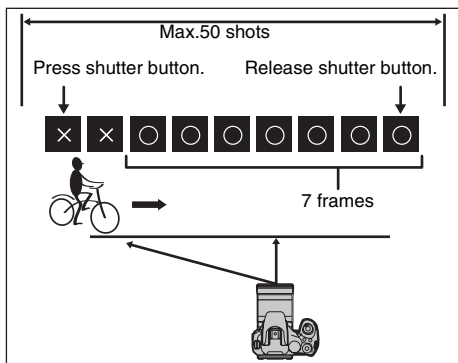
(!) CAUTION

When [CCD-RAW] is set to [ON] in the [SET-UP] menu, up to 3 frames can be recorded.

[LONG PERIOD] continuous shooting

Available Shooting modes: All

Shooting continues as long as holding the shutter button down. This mode shoots up to Memory Card or internal memory end.
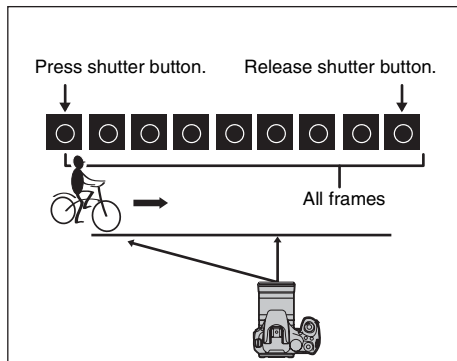
(!) CAUTION

This mode cannot be used when [CCD-RAW] is set to [ON] in the [SET-UP] menu.

Using [SHOOTING MENU]

Setting the menu (→p.85)

Use these menus to adjust image quality or focus. You can take pictures in a wide range of conditions.

Setting the [SHOOTING MENU]

```
SHOOTING MENU
  1   2   3
FILM SIMULATION        STD
DYNAMIC RANGE          AUTO
QUALITY                11M N
COLOR                  STD
TONE                   STD
SHARPNESS              STD
```
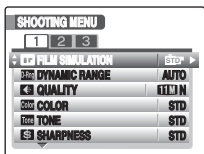
① Press MENU/OK to open [SHOOTING MENU].

② Press ▲ or ▼ to select the menu.

③ Press ▶.

④ Press ▲ or ▼ to change the setting.

⑤ Press MENU/OK to confirm the setting.

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■ **List of [SHOOTING MENU] options**

Menu	Functions	Settings	Factory default
[⊡ SCENE POSITION] (→p.56)	This setting can be used when the Mode dial is set to SP1 or SP2. Use this setting to provide the best [SHOOTING MENU] setting for the scene being shot.	▲, ▲ˢ, ▲ᵛ, ☀, ●, ●ˢ, ☺, ☺, ☾, ▲, ▲, ▲, ✺, ◎	SP1 : ▲ᵛ SP2 : ●
[⊡ FILM SIMULATION] (→p.88)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to change color or tone of images.	⑤ᵀᴰ, Vꜰ, ⑤ꜰ, Pꜰ	⑤ᵀᴰ
[⊡ DYNAMIC RANGE] (→p.88)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 and SP2. Use this setting to change the dynamic range of images.	[AUTO]/ ⑩₁₀₀ / ⑩₂₀₀ / ⑩₄₀₀	[AUTO]
[⊡ QUALITY] (→p.89)	Specifies the image size.The larger image size, the better image quality is obtained. The smaller image size, the larger number of images are recorded.	⑪ F/⑪ N/ ⑬²/ ⑥ᴹ/ ③ᴹ/ ②ᴹ/ ⑬ᴹ	⑪ N
[⊡ COLOR] (→p.90)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to change color density when shooting.	[HIGH]/[MID]/ [LOW]/[B&W]	[MID]
[⊡ TONE] (→p.90)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to change contrast when shooting.	[HARD]/[STD]/ [SOFT]	[STD]
[⊡ SHARPNESS] (→p.91)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to soften or emphasize the outline of an image.	[HARD]/[STD]/ [SOFT]	[STD]
[⊡ WHITE BALANCE] (→p.91)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to adjust the color balance to suit the color of the ambient light around the subject.	[AUTO]/ 🖿₁/🖿₂/☀/ ☀/💡/💡/☆	[AUTO]
[⊡ WB FINE TUNE] (→p.93)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting for fine tuning white balance.	[-3]/[-2]/[-1]/[0]/[+1]/ [+2]/[+3]	[0]

Menu	Functions	Settings	Factory default
[AE BKT EV STEPS] (→p.93)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to shoot the same image with different exposure settings.	[±1/3 EV]/[±2/3 EV]/ [±1 EV]	[±1/3 EV]
[FLASH] (→p.94)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to adjust the amount of light emitted by the flash to suit the shooting conditions or to achieve a desired effect.	[–2/3 EV] to [+2/3 EV] in approx. 1/3 EV increments	[0]
[EXTERNAL FLASH] (→p.95)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting for external flash.	[ON]/[OFF]	[OFF]
[AF MODE] (→p.97)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to specify the focusing area.	回 / 田 / 回	回
[HIGH-SPEED SHOOTING] (→p.99)	When setting [SPORT] mode, the camera sets to [HIGH-SPEED SHOOTING] mode automatically. Use this setting to reduce the time required for focusing.	[ON]/[OFF]	[OFF]
[CUSTOM SET] (→p.99)	This setting can be used when the Mode dial is set to anything other than **AUTO**, SP1 or SP2. Use this setting to save your favorite shooting settings.	[C1]/[C2]	–

Other factory default settings:
ISO: [AUTO(800)] when shooting mode is set to **AUTO**. [200] when shooting mode is set to **FSB**, P, S, A or M.
Dual Image Stabilizer: ON ((▥))₁
Intelligent Face Detection: OFF

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[SHOOTING MENU]

◆ Setting the Film Simulation ([⬛ FILM SIMULATION])

Available Shooting modes: All except **AUTO**, SP1, SP2

Use this setting to change color or tone of images to save. 4 types of film are available according to shooting subjects.
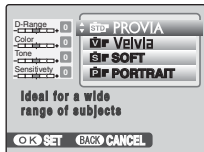
[**STD** PROVIA]: Use this mode for shooting portrait or scenery in standard colors and tones.
[**V** Velvia]: Use this mode for shooting the scenery or nature in high brightness and sharp tone.
[**S** SOFT]: Use this mode for shooting in soft tone with muted color.
[**P** PORTRAIT]: Use this mode to reproduce natural skin tones.

⚠ CAUTION

ISO sensitivity is restricted. For details, see p.74.

◆ Setting the Dynamic Range ([D-Rng DYNAMIC RANGE])

Available Shooting modes: All except **AUTO**, SP1, SP2

Sets the dynamic range used for photographed images.
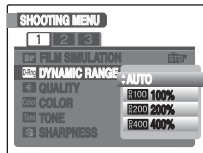
[AUTO]: The camera automatically varies the dynamic range between 100% and 400% according to the scene being shot before taking the picture. This mode suppresses white flaring and black patches in scenes with high contrast while also enabling you to achieve good levels of contrast in pictures taken indoors or in cloudy weather where a wide dynamic range is not needed.
[R100 100%], [R200 200%], [R400 400%]:
Takes the picture with a fixed dynamic range value, regardless of the scene being shot.

⚠ CAUTION

• ISO sensitivity is restricted. For details, see p.74.
• Although wider dynamic range settings will allow you to take pictures with good levels of contrast, they will also increase the amount of speckling in your images. Choose the dynamic range setting that best suits the conditions.
• [D-Rng DYNAMIC RANGE] can be set only when [⬛ FILM SIMULATION] is set to [STD PROVIA].

⬡ Changing the quality setting ([🎚 QUALITY])

Use this menu to specify the image size (number of recorded pixels).
Select the quality setting for the scene being shot.

■ Quality settings in Shooting mode

Quality mode	Sample uses
⑪ F (3840 × 2880) ⑪ N (3840 × 2880)	Printing at up to 10R (25.4 × 30.5 cm/ 10 × 12 in.) / A4 size / A3 size For better quality, select ⑪ F
🖽 (4032 × 2688)	
⑥ (2816 × 2112)	Printing at up to 6R (15.2 × 20.3 cm/ 6 × 8 in.) / A5 size
③ (2048 × 1536)	
② (1600 × 1200)	Printing at up to 4R (10.2 × 15.2 cm/ 4 × 6 in.) / A6 size
⓿ (640 × 480)	To use for e-mail or web site

Area shot and quality setting

Area shot excluding 🖽   **Area shot with 🖽**

Normal shooting provides an aspect ratio of 4:3 and 🖽 shooting provides an aspect ratio of 3:2 (same aspect ratio as 35 mm film and post card).

✎ MEMO

- The bigger the number of recorded pixels, the better the image quality becomes. As the number of recorded pixels becomes smaller, you will be able to record more frames to a Memory Card.
- The quality setting is retained even when the camera is turned off or the mode setting is changed.
- When changing the quality setting, the number of available frames also changes (→p.168). The numbers to the right of setting show the number of available frames.
- Available [🔢 ISO] setting changes depending on the quality setting. For the relation of ISO sensitivity and quality, see p.74.

⚠ CAUTION

When [🔳 CCD-RAW] is set to [ON] in the [SET-UP] menu, [🎚 QUALITY] cannot be set.

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⬡ Setting Color ([Color COLOR])

Available Shooting modes: All except AUTO, SP1, SP2

Set the density of the color used when shooting images.
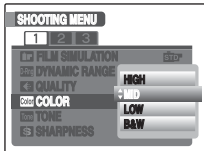
[HIGH]: This setting provides the highest color density.
[MID]: This setting sets the standard color density.
[LOW]: This setting specifies the lowest color density.
[B&W]: This setting converts the colors in the photographed image to black and white.

⚠ CAUTION

[Color COLOR] can be set only when [🎞 FILM SIMULATION] is set to [STD PROVIA].

⬡ Setting Contrast ([Tone TONE])

Available Shooting modes: All except AUTO, SP1, SP2

Use this setting to adjust the contrast of images to be shot.
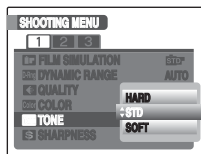
[HARD]: This setting provides the highest level of contrast.
[STD]: This setting sets the contrast for photographed images to the standard level.
[SOFT]: This setting specifies the lowest contrast.

⚠ CAUTION

[Tone TONE] can be set only when [🎞 FILM SIMULATION] is set to [STD PROVIA].

◆ Adjust the image outline (hard/soft) ([⚊ SHARPNESS])

Available Shooting modes: All except
AUTO, SP1, SP2

Use this setting to soften or emphasize the outline and quality of an image.
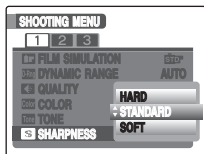
[HARD]: Emphasizes the outlines. Best for shots of subjects such as buildings or text where sharp images are desirable.
[STANDARD ([STD])]: Best for ordinary photography. Provides edge sharpness that is ideal for most picture taking situations.
[SOFT]: Softens the outlines. Best for shots of subjects such as people, where a softer image is desirable.

⚠ CAUTION

[⚊ SHARPNESS] can be set only when [⚊ FILM SIMULATION] is set to [STD PROVIA].

◆ Adjusting color balance ([WB WHITE BALANCE])

Available Shooting modes: All except
AUTO, SP1, SP2

Adjust the color balance based on white to suit the color of the ambient light around the subject.
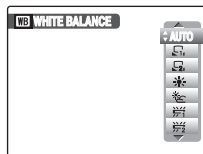
[AUTO]: Automatic adjustment
[⚊ CUSTOM 1]/
[⚊ CUSTOM 2]: Select the white balance by using white paper to suit the shooting conditions.
[☀ FINE]: Shooting outdoors in good weather
[⚊ SHADE]: Shooting in shade
[⚊ FLUORESCENT LIGHT-1]: Shooting under Daylight fluorescent lamps
[⚊ FLUORESCENT LIGHT-2]: Shooting under Warm White fluorescent lamps
[⚊ FLUORESCENT LIGHT-3]: Shooting under Cool White fluorescent lamps
[⚊ INCANDESCENT]: Shooting in incandescent light

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Custom white balance

① Select [⊡ CUSTOM 1] or [⊡ CUSTOM 2] (→p.85).

② Hold a piece of white paper under the light source for setting the white balance, so that it fills entire the frame in the screen. Then press the shutter button to set the white balance.

⊡ CUSTOM WB

SHUTTER NEW WB
OK NOT CHANGE BACK CANCEL
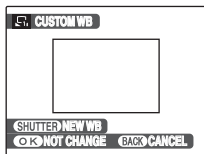
✎ MEMO

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

③ When the correct exposure is measured, [COMPLETED!] appears. Press MENU/OK to confirm the setting.

⊡ COMPLETED!

OK SET BACK CANCEL

P [⊡]
ISO 100
3400
! OVER ●
---- F ----
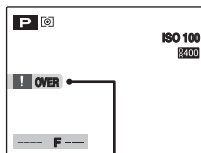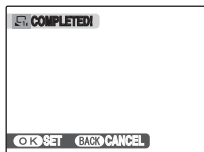
[OVER] or [UNDER]

Set the exposure compensation again, using a negative value (–) when [OVER] appears and a positive value (+) when [UNDER] appears (→p.66).

Example

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

✎ MEMO

• 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.

• When the flash fires, the white balance (except for custom white balance) setting for the flash is used. Consequently, to achieve a particular effect, the flash mode should be set to Suppressed flash (→p.77).

• The specified custom white balance is retained until it is reset. This setting is retained even if the battery is removed.

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

• After taking the picture, check the image color (white balance).

• Explanation of Terms "White Balance" (→p.171)

• Use the same ISO setting when custom white balance was set, before shooting.

◆ **White Balance Fine Tune (🗓️WB WB FINE TUNE)**

Available Shooting modes: All except AUTO，SP1，SP2

Use this setting for white balance fine tuning. The adjustment range for 1 step is –3 to +3.
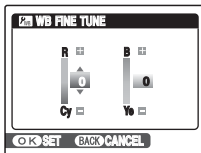
R (red)-Cy: Setting + makes images reddish, and – makes images cyanic.

B (blue)-Ye: Setting + makes images bluish, and – makes images yellowish.

Setting R-Cy and B-Ye to + makes images magentaish. Setting R-Cy and B-Ye to – makes images greenish.

① Set the fine tune value between –3 and + 3.

② Press MENU/OK to confirm the setting.

⚠ **CAUTION**

The [🗓️WB WB FINE TUNE] setting cannot be cleared when the Power switch is set to OFF.

◆ **Shoot the same image with different exposure ([🗖 AE BKT EV STEPS])**

Available Shooting modes: All except AUTO，SP1，SP2

Use this setting to shoot the same subject 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.
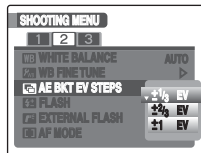
✎ **CHECK**

- **Bracketing settings (3)** [±1/3 EV], [±2/3 EV], [±1 EV]
- Explanation of Terms "EV" (→p.170)

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① **CAUTION**

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

✎ **MEMO AE bracketing**
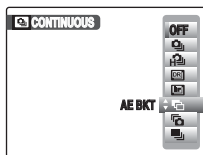
After setting the exposure for [🖼 AE BKT EV STEPS], select [📇 AE BKT] by pressing 📇.

◆ **Adjust the amount of light emitted by the flash ([⚡ FLASH] (Brightness Adjustment))**

Available Shooting modes: All except AUTO, SP1, SP2

Use this setting to change the amount of light emitted by the flash to suit the shooting conditions or to achieve a desired effect.
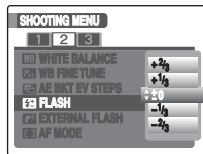
✪ **CHECK**

Compensation range:
- [−2/3 EV] to [+2/3 EV] in approx. 1/3 EV increments (total: 5 levels selectable)
- Explanation of Terms "EV" (→p.170)

① **CAUTION**

- 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.

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Using External Flash ([EXTERNAL FLASH])

Available Shooting modes: All except
AUTO , SP1, SP2

Use this setting to use the external flash. The synchronized shutter speed is up to 1/4000 sec.

① Select [ON] in the menu (→p.85).

```
SHOOTING MENU
  1  2  3
 WHITE BALANCE      AUTO
 WB FINE TUNE        ▷
 AE BKT EV STEPS    ±⅓
 FLASH
 EXTERNAL FLASH    ON
 AF MODE           OFF
```
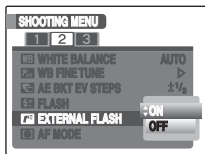
② Close the built-in flash to attach the external flash to the hot shoe of the camera, and tighten the locking screw.

Hot shoe

③ Select Shooting mode. The mode can be set to P, S, A, M, C1, or C2, however M is recommended.

④ Set the external flash.

```
        F 5.6
AUTO          ISO 200
MODE        SELECT
```
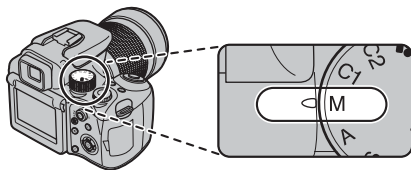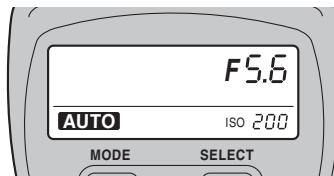
* The Illustration shows an external flash (commercially available).

For an external flash, refer to the user's manual for the flash and specify the settings as described below.

- Select external flash mode (TTL mode cannot be used).
- Match the settings to the camera aperture setting. Set the flash for the aperture setting measured by the camera.
- Match the sensitivity setting (→p.73) to the setting on the camera.

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⚠ **CAUTION**

- The image may appear dark when the shutter speed is set to speeds higher than 1/1000 sec.
- Set [WHITE BALANCE] (→p.91) to [AUTO] or custom white balance (→p.92).
- If you pop up the built-in flash when [EXTERNAL FLASH] is set to [ON], the built-in flash fires once as a signal for the external flash to fire. The hot shoe and the synchronizing terminal do not make a signal for flash.
- Flash cannot be used when [CONTINUOUS] (→p.81) is selected.

✓ **CHECK**

- Ordinary external flash units can be used. However, some camera-specific flash units cannot be used.
- Compatible flash units must meet the following 3 conditions;
  - The aperture can be set.
  - External flash synchronization can be used.
  - The sensitivity can be set.
- If white balance is incorrect, adjust it by selecting [CUSOTM 1] or [CUSTOM 2] in [WHITE BALANCE] of [SHOOTING MENU] (→p.91).

Using a Synchronizing terminal

Attach the synchronization cord from the external flash to the Synchronizing terminal on the camera by pushing the cord into the terminal securely.

Synchronizing terminal

Synchronizing terminal cap

Synchronization cord
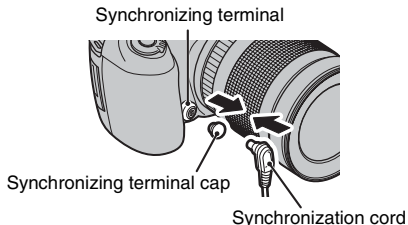
◆ Specifying the focusing area ([AF MODE])

Available Shooting modes: All except
AUTO, SP1, SP2
(When Intelligent Face Detection is turned OFF)

Use this mode to specify the focusing area that best suits the subject.
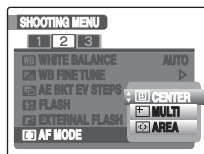
回 : [CENTER]
⊞ : [MULTI]
⊡ : [AREA]

[回 CENTER]

The camera focuses on the center of the screen.
Use this setting when taking pictures with AF/AE lock (→p.40).
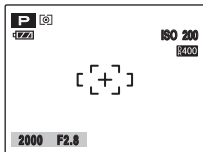
[⊞ MULTI]

When pressing the shutter button down halfway, the camera recognizes any strongly contrasting subject near the center of the screen and displays the AF frame over subject in focus.

Halfway pressed

AF frame

⚠ CAUTION

When taking pictures in Macro mode, the camera focuses on the center of the screen.

🖉 MEMO

When the AF frame does not appear in the focusing position, select [回 CENTER] in the AF mode and use AF/AE lock (→p.40).

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[⊡ AREA]

The camera changes the focusing position on the screen.
Use this setting when composing the shot using a tripod
and changing the focusing position.

SELECT AF AREA

Before moving

Target point

After moving
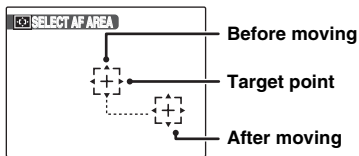
① Display the setting screen.

② Press ▲▼◀▶ to move the ⊞
(target point) to the focusing
position, while pressing ▶●◀ (one-
touch AF button).

P ⊡
ISO 200
R400

⊞

2000 F2.8
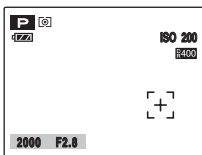
③ When you release the ▶●◀ One-touch AF button, the
AF frame appears in the location to which the target
point was moved.

④ Press the shutter button to take pictures.

✎ MEMO

• To reposition the AF frame, repeat from step ①.
• Regardless of the AF frame location, the exposure is
always set using the area in the center of the screen. To
expose the shot for your main subject, use AF/AE lock
(→p.40).

◆ Focusing the shot quickly ([⬛ HIGH-SPEED SHOOTING])

Available Shooting modes: All

Use this mode to reduce the time required for focusing when pressing the shutter button down halfway.
It is useful to avoid missing snapshot opportunities.

```
SHOOTING MENU
 1  2  3
⬛ HIGH-SPEED SHOOTING  ON
⬛ CUSTOM SET           OFF
⬛ SET-UP
```
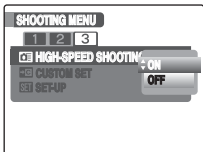
⚠ CAUTION

[⬛ EVF/LCD MODE] in the [SET-UP] menu is automatically set to [60fps] (→p.170).

✎ MEMO

• **Focal range**
With [⬛ HIGH-SPEED SHOOTING] set to [OFF]
Wide-angle: approx. 50 cm (1.6 ft.) to infinity
Telephoto: approx. 2.5 m (8.2 ft) to infinity
With [⬛ HIGH-SPEED SHOOTING] set to [ON]
Wide-angle: approx. 2 m (6.6 ft.) to infinity
Telephoto: approx. 5 m (16.4 ft.) to infinity
• When taking pictures while [HIGH-SPEED SHOOTING] is set to [ON], the battery will run down more quickly.
• When setting [🏃 SPORT], the camera sets to [⬛ HIGH-SPEED SHOOTING] mode automatically.

◆ Saving your favorite settings (⬛ CUSTOM SET)

Available Shooting modes: All except AUTO, SP1, SP2

Use this mode to save the shooting conditions (Shooting mode, sensitivity, quality, set-up menu options etc.) previously set.

```
SHOOTING MENU
 1  2  3
⬛ HIGH-SPEED SHOOTING  OFF
⬛ CUSTOM SET           C1
⬛ SET-UP               C2
```
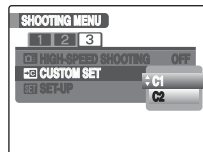
C1: To save settings in C1
C2: To save settings in C2

The following [SHOOTING MENU] options can be saved by selecting [⬛ CUSTOM SET]:
• [⬛ FILM SIMULATION]   • [⬛ WB FINE TUNE]
• [⬛ DYNAMIC RANGE]   • [⬛ AE BKT EV STEPS]
• [⬛ QUALITY]   • [⬛ FLASH]
• [⬛ COLOR]   • [⬛ EXTERNAL FLASH]
• [⬛ TONE]   • [⬛ AF MODE]
• [⬛ SHARPNESS]   • [⬛ HIGH-SPEED
• [⬛ WHITE BALANCE]   SHOOTING]

The following [SET-UP] menu options can be saved by selecting [⬛ CUSTOM SET]:
• [⬛ AF ILLUMINATOR]   • [⬛ CCD-RAW]

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Playback Information

Shooting information can be checked when the camera is set to single-frame playback mode. While pressing ⚡, the information is displayed. Release ⚡ to return to playback mode.
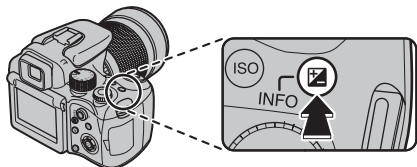
① Quality
② Sensitivity
③ Shutter speed/Aperture
④ Film simulation
⑤ Flash
⑥ White balance
⑦ Exposure compensation setting
⑧ Frame number
⑨ Histogram

⚠ **CAUTION**

• Highlight warning

Overexposed area blinks in black.

Highlight warning

Histograms

A histogram is a chart showing the distribution of brightness in an image (horizontal axis: brightness; vertical axis: pixels).
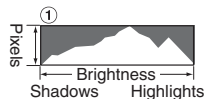
① Optimal exposure:
There is an ample distribution of pixels overall with a peak in the middle range.

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.

⚠ **CAUTION**

The shape of the graph will vary depending on the subject.

Using [PLAYBACK MENU]

Use these menus to playback photographed images.

Setting the [PLAYBACK MENU]

① Set the camera to Playback mode (→p.44).

PLAYBACK MENU

ERASE
SLIDE SHOW
RED EYE REMOVAL
IMAGE ROTATE
PROTECT
COPY
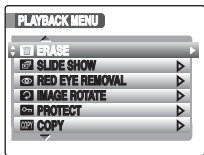
② Press MENU/OK to open [PLAYBACK MENU].

③ Press ▲ or ▼ to select the menu.

④ Press ▶.

⑤ Press ▲ or ▼ to change the setting.

⑥ Press MENU/OK to confirm the setting.

List of [PLAYBACK MENU] option

Menu	Page
[🗑 ERASE]	49
[🎞 SLIDE SHOW]	102
[👁 RED EYE REMOVAL]	102
[🔄 IMAGE ROTATE]	103
[🔒 PROTECT]	104
[📋 COPY]	106
[🎤 VOICE MEMO]	107
[🔲 TRIMMING]	110
[🖨 PRINT ORDER (DPOF)]	112

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[PLAYBACK MENU]

Setting automatic playback ([🖻 SLIDE SHOW])

Use this mode to playback photographed images continuously. You can select type of image transition.

PLAYBACK MENU
- ERASE
- SLIDE SHOW — NORMAL 🔘
  - NORMAL
- RED EYE REM — FADE-IN 🔘
  - FADE-IN
- IMAGE ROTAT
- PROTECT — MULTIPLE
- COPY
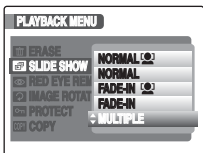
✎ MEMO

- To interrupt automatic playback, press MENU/OK.
- Press ◀ or ▶ to advance or go back through the images when selecting [NORMAL] and [FADE-IN].
- The Auto power off function (→p.129) does not operate during playback.
- Movie starts automatically. When the movie ends, the playback function moves it on.
- Press DISP/BACK once during playback to display on-screen help.
- The date is displayed on the Slide Show (except [MULTIPLE]) if the date is displayed on the Single-Frame Playback.
- The camera plays back the image taken with Intelligent Face Detection (→p.37) zoomed in on the detected face when [NORMAL 🙂] or [FADE-IN 🙂] is selected.

Correcting red-eye effect in images ([👁 RED EYE REMOVAL])

You can correct the red-eye effect in images taken with the Intelligent Face Detection (→p.37) (🙂 appears on the screen).

👁 REMOVAL OK?

◀   ▶

OK YES   BACK CANCEL
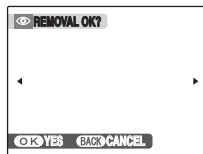
① Press ◀ or ▶ to select the frame taken with the Intelligent Face Detection.

② Press MENU/OK to open [PLAYBACK MENU].

③ Press ▲ or ▼ to select [👁 RED EYE REMOVAL].

④ Press ▶.

⑤ Press MENU/OK to perform removal.

CAUTION

• If the camera is unable to detect faces in an image, it will not correct the red eye-effect sufficiently, or not at all. Also, the camera cannot correct the red-eye effect if the face is in profile.
• Correction results may differ depending on scene.
• The processing may take more time if there are many faces in the image.
• Images photographed with a camera 畐 other than FinePix S100FS cannot be red-eye corrected.
• The corrected image is added as a separate file in the final frame and ⊙ is indicated in the image.
• A red-eye corrected image is shown with a ⊙. The image cannot be corrected again.
• Red eye effect in images taken with [RAW CCD-RAW] set to [ON] in the [SET-UP] menu cannot be corrected.

CHECK

①Red-eye effect in an image will be detected.

②Red-eye effect will be corrected before the image is recorded. When the red-eye effect is not detected, processing will end without the [REMOVING] screen displayed.

Rotating the images ([IMAGE ROTATE])

Use this mode to rotate the image.

CAUTION

• Protected frames (files) cannot be rotated. Unprotect the frames (files) before rotating them (→p.104).
• When [AUTOROTATE PB] in the [SET-UP] menu is set to [OFF], images cannot be rotated.

MEMO

An image can be rotated only when playing back using FinePix S100FS.
You may not be able to rotate images that were shot with a camera other than the FinePix S100FS.

①Press ◀ or ▶ to select the rotating frame (file).

②Press MENU/OK to open [PLAYBACK MENU].

③Press ▲ or ▼ to select [IMAGE ROTATE].

Continued ➡

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④ Press ▶.

IMAGE ROTATE

◀   ▶

OK SET   BACK CANCEL
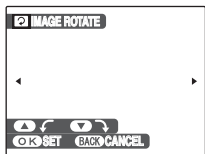
⑤ Press ▲ or ▼ to rotate the image.
▼: Rotates the image clockwise at a 90 degree angle.
▲: Rotates the image counterclockwise at a 90 degree angle.

⑥ Press MENU/OK to confirm the setting.
Next time the image is played back, it will be automatically rotated.
Press DISP/BACK to cancel rotating the image.

Protecting the images ([🔒 PROTECT])

Use this mode to prevent frames (files) from being accidentally erased.

[FRAME] (set or reset a frame)

To protect or unprotect only the selected frame (file):

PROTECT OK?

◀   ▶

OK YES   BACK CANCEL

Unprotected

UNPROTECT OK?
🔒

◀   ▶

OK YES   BACK CANCEL
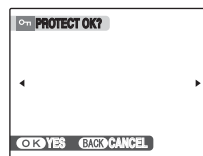
Protected (🔒 appears)

① Press ◀ or ▶ to select the protecting/unprotecting frame (file).

② Press MENU/OK to protect/unprotect the currently displayed frame (file).
Unprotected: protecting frame (file)
Protected: reset frame (file)

To protect another frame (file), repeat steps ① and ②.
When protecting frames (files) is completed, press DISP/BACK.

104

[SET ALL]

```
On SET ALL OK?
IT MAY TAKE A WHILE



OK YES   BACK CANCEL
```

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

[RESET ALL]

```
On RESET ALL OK?
IT MAY TAKE A WHILE



OK YES   BACK CANCEL
```

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

✎ **MEMO To stop the procedure midway**

```



■ ■
■ ■ ■


BACK CANCEL
```
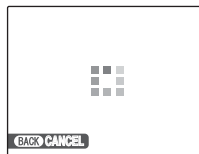
If the images are very large, protecting or unprotecting all the frames (files) may take some time.
If you want to take a picture or record a movie during the procedure, press DISP/BACK.

⚠ **CAUTION**

The Format function erases all the frames (files), including protected frames (files) (→p.129).

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◆ Copying the images ([▣ COPY])

It is possible to transfer saved images between the internal memory and a Memory Card.

■ Selecting COPY

▣ COPY

IN INTERNAL MEMORY ➡ ☐ CARD
☐ CARD ➡ IN INTERNAL MEMORY

OK NEXT BACK CANCEL
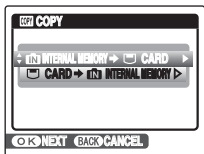
① Press ▲ or ▼ to select [IN INTERNAL MEMORY ➡ ☐ CARD] or [☐ CARD ➡ IN INTERNAL MEMORY].

② Press ▶.

Copying the images to another Memory Card
Copy images from the Memory Card inserted in your camera to the internal memory using the Copy Image function, then remove that Memory Card and insert another Memory Card into the camera. Then, copy the images to the Memory Card from the internal memory.

Copying one frame at a time ([FRAME])

▣ COPY

IN INTERNAL MEMORY ➡
☐ CARD ➡ IN   FRAME
                ALL FRAMES

OK YES BACK CANCEL
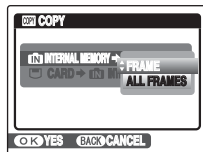
① Press ▲ or ▼ to select [FRAME].

② Press MENU/OK.

③ Press ◀ or ▶ to select the copying frame (file).

④ Press MENU/OK to copy the currently displayed frame (file).

✎ MEMO

To copy another frame (file), repeat steps ③ and ④. When copying frames (files) is completed, press DISP/BACK.

Copying all frames ([ALL FRAMES])

COPY

INTERNAL MEMORY → FRAME
CARD → INT : ALL FRAMES

OK YES   BACK CANCEL
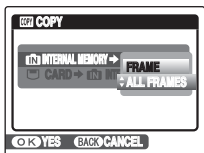
① Press ▲ or ▼ to select [ALL FRAMES].

② Press MENU/OK.

③ Press MENU/OK to copy all the frames (files).

⚠ CAUTION

• When [🖬 MEMORY FULL] or [🖿 MEMORY FULL] appears on the screen, copying the data stops on the way.

• When copying the image that has specified DPOF setting, the DPOF setting is not copied.

● Adding voice memos to the images ([🎙 VOICE MEMO])

Voice memos of up to 30 seconds can be added to still images.

Recording voice memos

① Press ◀ or ▶ to select the image to add a voice memo.

② Press MENU/OK to open [PLAYBACK MENU].

③ Press ▲ or ▼ to select [🎙 VOICE MEMO].

④ Press ▶.

Continued ➡

Advanced Features — Playback

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REC STANDBY	30s

OK START   **BACK CANCEL**
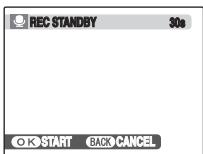
⑤ Press MENU/OK to start recording.

The remaining recording time appears during recording.

RECORDING	29s

Remaining time

Blinking red

OK REC   **BACK RE - REC**
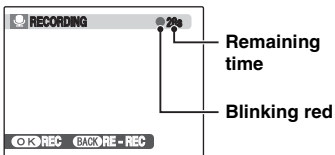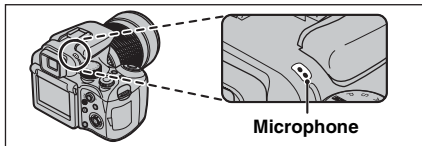
✎ **MEMO**

Microphone

Face the microphone to record your comment.
Hold the camera about 20 cm (7.9 in.) away for the best results.

FINISH	

OK REC   **BACK RE - REC**
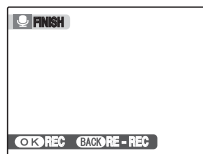
⑥ The voice memo ends when pressing MENU/OK midway or 30 seconds pass.

To record your comment: press MENU/OK.
To rerecord the comment: press DISP/BACK.

✎ **MEMO**

• When the image already has a voice memo

PLAYBACK MENU	
🎤 VOICE MEMO	← BACK
TRIMMING	RE-REC ▶
PRINT ORDER (DPOF)	
SET-UP	
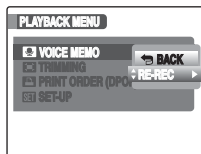
If you select an image that already has a voice memo, a screen appears in which you can select whether to rerecord the memo.

• When [PROTECTED FRAME] appears, unprotect the frame (→p.104).
• Voice memos cannot be added to movies.

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Playing back voice memo

① Press ◀ or ▶ to select an image file with a voice memo. 🎤 appears on the screen.

② Press ▼ to start playing back the voice memo.
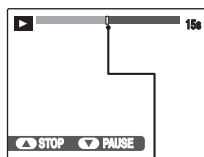
The playback time appears on the screen along with a progress bar.

Progress bar

⚠ CAUTION
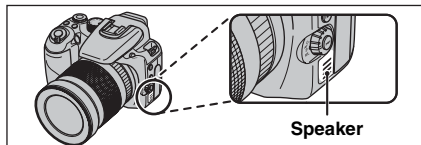
Speaker

Uncover the speaker.
The sound may be difficult to hear.

■ Playing back voice memos

	Control	Description
Playback		Playback begins. 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		Press ◀ or ▶ during playback to skip forwards or backwards through the voice memo. These buttons do not function while playback is paused.

✍ CHECK

• Audio recording format:
  WAVE (→p.170), PCM recording format
• Audio file size:
  Approx. 350 KB (for a 30-second voice memo)

✎ MEMO Playing voice memo files

You may not be able to play back some voice memo files recorded on other cameras.

Advanced Features — Playback

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Adjusting volume of voice memos

Volume can be adjusted while playing back voice memos.
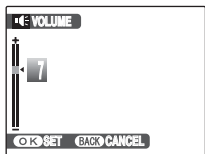
① Press MENU/OK while playing back voice memo.
The voice memo is paused during playback.

② Press ▲ or ▼ to adjust the volume.

③ Press MENU/OK to confirm your selection.
Camera starts to play back the voice memo.

⬢ Trimming the images ([▣ TRIMMING])

Use this mode to trim the required part of the photographed image.

✎ CHECK

Before selecting [▣ TRIMMING], select the trimming frame (file).

▼ button (Zoom out)	▲ button (Zoom in)
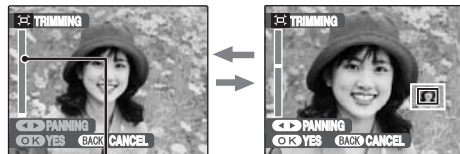
Zoom bar

① Press ▼ or ▲ to zoom in or out on an image.
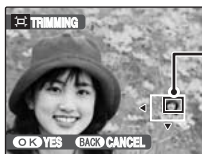
Navigation screen (Current displayed image)

② Press ◀ or ▶ to switch the display.

③ Press ▲, ▼, ◀ or ▶ to move to another part of the image.
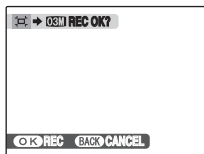
④ Press MENU/OK.

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

MEMO
- Press DISP/BACK to return to the single-frame playback.
- A saved image size varies depending on the zoom scale of step ①. For 0.3 M, [OK YES] option appears in yellow.
- Image sizes

6M / 3M	Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size
2M	Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size
03M	To use for e-mail or web site

- When 3:2 quality setting is selected, the image is trimmed to normal size (4:3 aspect ratio).

CAUTION
- You may not be able to trim images that were shot with a camera other than FinePix S100FS.
- Images taken with [RAW CCD-RAW] set to [ON] in the [SET-UP] menu cannot be trimmed.

Intelligent Face Detection

For images taken with the Intelligent Face Detection (→p.37), 🔲 appears on the screen. When you press 🔲 (Intelligent Face Detection), the face that is focused on is zoomed in to help crop the main subject. To specify a cropped part of the image according to preference, specify and adjust according to the procedure in [TRIMMING].

Advanced Features — Playback

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◆ DPOF set frame ([🖻 PRINT ORDER (DPOF)])

You can specify the image, number of prints, with or without date of printing with a DPOF-compatible printer.


```
PLAYBACK MENU
 🔊 VOICE MEMO
 📐 TRIMMING
 🖻 PRINT ORDER (D:  WITH DATE 🇨
 🔧 SET-UP            WITHOUT DATE
                     RESET ALL
```

[WITH DATE 🇨]   : The date will be imprinted on your prints.
[WITHOUT DATE]: The date will not be imprinted on your prints.
[RESET ALL]   : All DPOF settings will be canceled.

[WITH DATE] / [WITHOUT DATE]

Selecting [WITH DATE 🇨], 🇨 appears on the screen and the date will be imprinted on your prints.

Total number of prints

Setting for that frame
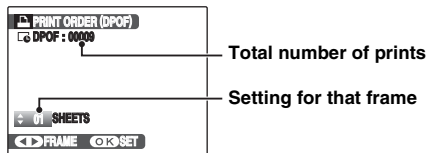
① Press ◀ or ▶ to display the frame (file) for specifying DPOF setting.

② Press ▲ or ▼ to set a value.
- Up to 99 sheets are 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.

③ Always press MENU/OK after the settings are completed.
Pressing DISP/BACK cancels those settings.

④ Press MENU/OK again. The total number of prints appears on the screen.

MEMO Canceling DPOF setting

① Press MENU/OK to open [PLAYBACK MENU] and press ▲ or ▼ to select [🖻 PRINT ORDER (DPOF)].
② Press ▶.
③ Press ▲ or ▼ to select [WITH DATE 🄲] or [WITHOUT DATE] and press MENU/OK to display the print order screen.
④ Press ◀ or ▶ to select the frame (file) with the DPOF setting you want to cancel.
⑤ Press ▼ to set the number of prints to 0 (zero).

To cancel the DPOF setting for another frame (file), repeat steps ④ and ⑤.
Always press MENU/OK to complete the settings.
• [RESET ALL] (→p.114)

MEMO

• When DPOF settings were specified on another camera.

```
┌─────────────────────────┐
│ 🖻 RESET DPOF OK?        │
│                         │
│                         │
│                         │
│                         │
│                         │
│                         │
│ OK YES    BACK CANCEL   │
└─────────────────────────┘
```
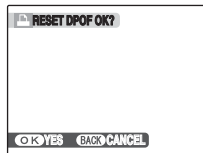
When the data includes a frame (file) with DPOF settings that were specified on another camera, [RESET DPOF OK?] appears.
Pressing MENU/OK erases all of the DPOF settings already specified for each frame (file). Specify the DPOF setting for each frame (file) again.
• Prints of up to 999 frames (files) can be ordered on the same Memory Card.
• DPOF settings cannot be specified for movies and CCD-RAW.

⚠ CAUTION

• Pressing DISP/BACK while choosing settings will cancel all current settings. If there were previous DPOF settings, only the modifications are canceled.
• Depending on the printer specifications, the date may not be printed in some cases.
• Images photographed with a camera other than FinePix S100FS may not be specified DPOF settings.

Advanced Features — Playback

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Intelligent Face Detection

```
PRINT ORDER (DPOF)
DPOF : 00000



    00  SHEETS
    FACE COUNT
    FRAME   OK SET
```
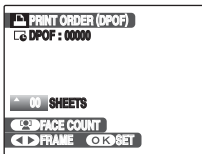
When DPOF settings are set to the images taking with the
Intelligent Face Detection (→p.37) (appears on the
screen), press (Intelligent Face Detection), the frame
appears around the detected face, and then the number
of the detected faces is set to print number. It is easy to
set the number of prints for each person in the picture.
Press ▲ or ▼ to set the print number. Press
(Intelligent Face Detection) again, the number of the
detected faces is set to the print number. After setting,
press MENU/OK.

[RESET ALL]

To cancel all DPOF settings:

```
RESET DPOF OK?




    OK YES   BACK CANCEL
```
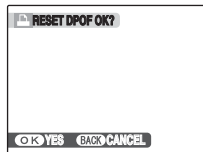
Select [RESET ALL] in [PLAYBACK MENU] (→p.112).

Press MENU/OK.

MEMO

```
                           100-0001




    12/31/2050   10:00 AM
```
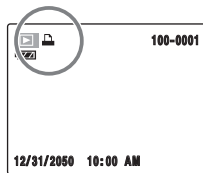
appears on the screen during playback when the
image has specified DPOF settings.

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■ [🖶 PRINT ORDER (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 a Memory Card. The recorded specifications include information on which frames are to be printed.

DPOF

∗Some printers do not support date and time imprinting or specification of the number of prints.

∗The warnings shown below may appear while specifying the prints.

[DPOF SPECIFIED. ERASE OK ?]
[DPOF SPECIFIED. ERASE ALL OK ?] (→p.51)
When erasing the image, the DPOF setting for that image is deleted at the same time.

[RESET DPOF OK ?] (→p.113)
When inserting a Memory Card that contains images specified for printing by another camera, those print specifications are all reset and replaced by the new print specifications.

[DPOF FILE ERROR] (→p.154)
Up to 999 images can be specified on the same Memory Card.

Advanced Features — Playback

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🎥 Recording Movies

Use this mode to record movies with sound.

1 Set the camera to 🎥 Movie mode.

Set the Mode dial to 🎥.
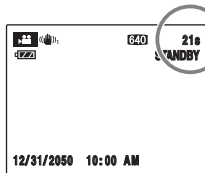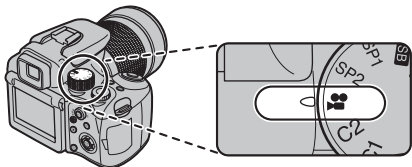
The available recording time appears on the screen.

✎ MEMO

While in standby, pressing the (((🖐))) Dual IS button enables you to take stable and blur-free images even under difficult shooting conditions, such as telephoto shooting.

2 Record movies.

Fully pressed
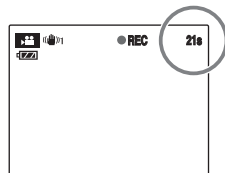
Press the shutter button down fully to start recording. During recording, [●REC] and a counter that shows the remaining time appear on the screen.

Recording ends when pressing the shutter button down halfway during recording or the remaining time runs out.

Halfway pressed

✎ MEMO

There is no need to hold down the shutter button during recording.

■ Zooming the image

You can zoom with the zoom ring during recording. Adjust the focus again after zooming.

Zoom bar
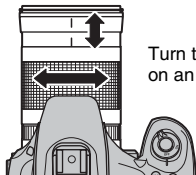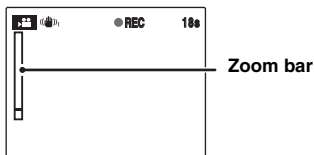
Turn the zoom dial to zoom in or out on an image.

✔ CHECK

- Optical zoom focal length*
  With Dual Image Stabilizer function set to off:
  approx. 28 mm to 400 mm
  Max. zoom scale: 14.3×
- Focal range
  Wide-angle: approx. 50 cm (1.6 ft.) to infinity
  Telephoto: approx. 2.5 m (8.2 ft.) to infinity
  * 35 mm camera equivalent

✔ CHECK Recording movies

- Specifications: Motion JPEG (→p.170), Monaural sound
- Quality selection method: 640 (640 × 480 pixels) 320 (320 × 240 pixels)
- Frame rate (→p.170): 30 frames per second (fixed)

✎ MEMO

- The brightness and color of the screen shown during movie recording may differ from those shown before recording begins.
- The exposure and white balance will be automatically adjusted to the scene being shot even after recording has started.
- If recording is stopped immediately after it begins, 1 second of the movie is recorded onto the Memory Card or internal memory.

⚠ CAUTION

- Because a movie is recorded onto the Memory Card or internal memory as it is saved, it cannot be recorded correctly if the camera suddenly loses power (if the battery run out or the AC power adapter is disconnected).
- A movie file taken by FinePix S100FS may not be playable on other cameras.
- [EVF/LCD MODE] in the [SET-UP] menu is automatically set to [30 fps] (→p.170).
- Because sound is recorded concurrently with the images, make sure that you do not cover the microphone with a finger, etc. (→p.11).
- Camera operation noises may be recorded during movie shooting.
- The size of a movie file can be up to 2 GB.

Advanced Features — Movie

Changing movie size

Press MENU/OK when in the Movie mode to open
[SHOOTING MENU].
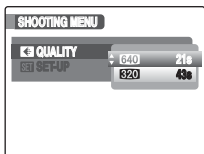
① Press ▶.

② Press ▲ or ▼ to change the setting.

③ Press MENU/OK to confirm the setting.

■ Quality settings in Movie mode

640 (640 × 480 pixels): For better quality
320 (320 × 240 pixels): To record longer movies

MEMO
- The quality setting is retained even when the camera is turned off or the mode setting is changed.
- See p.168 for information on recording times per Memory Card or internal memory.

⚠ CAUTION

If you shoot using the **xD-Picture Card**s with model numbers containing "M" such as DPC-M1GB, movie recording time may be reduced if you repeatedly record and erase (frame erase) image files.
In such a case, erase all frames or format the **xD-Picture Card** before use. Back up important frames (files) onto your PC or another media.

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▶ **Playing Back Movies**
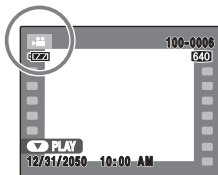
① Press ◀ or ▶ to select the movie file. 🎬
appears on the screen.

② Press ▼ to begin playing back movie.
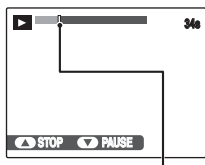
The playback time appears on the screen along with a progress bar.

Progress bar

■ **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		Press ◀ or ▶ during playback to skip forwards or backwards through the movie.
Skip playback		Press ◀ or ▶ when the movie is paused, the movie advances or goes back one frame. Hold down ◀ or ▶ to move through the frames quickly.

Continued ➡

Advanced Features — Movie

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✎ **MEMO**

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.

⚠ **CAUTION**

- You may not be able to playback some movie files recorded on other cameras.
- To playback movie files on a PC, save the movie file on the Memory Card or internal memory to the PC's hard disk and then playback the saved file.
- Uncover the speaker. The sound is difficult to hear.

Adjusting volume of movies

Volume can be adjusted while playing back movies.

◀▌ VOLUME

◯K SET   BACK CANCEL
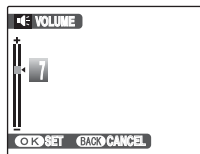
① Press MENU/OK while playing back movie.
The movie is paused during playback.

② Press ▲ or ▼ to adjust the volume.

③ Press MENU/OK to confirm the setting.
Camera starts to playback the movie.

[⚙ SET-UP]

Using the [SET-UP] menu

1 Open the [SET-UP] menu.

① Press MENU/OK to open the menu.

② Press ▲ or ▼ to select [⚙ SET-UP].

③ Press ▶.

2 Change the page.

```
SET-UP
◀ 📷1 📷2 ⚙1 ⚙2 ⚙3 ▶
📅 DATE/TIME          ▶
🔊 OPERATION VOL.     🔊
📷 SHUTTER VOLUME     🔊
▶ PLAYBACK VOLUME     ▶
⟳ AUTOROTATE PB      ON
💡 LCD BRIGHTNESS      ▶
```
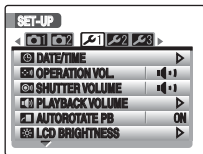
① Press ◀ or ▶ to select the page.

② Press ▼ to move to menu item.

3 Change the setting.

```
SET-UP
◀ 📷1 📷2 ⚙1 ⚙2 ⚙3 ▶
📅 DATE/TIME
🔊 OPERATION VOL.     🔊
📷 SHUTTER VOLUME     🔊
▶ PLAYBACK VOLUME     🔊
⟳ AUTOROTATE PB      🔊OFF
💡 LCD BRIGHTNESS
```
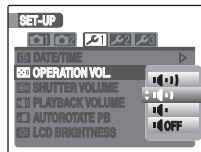
① Press ▲ or ▼ to select the menu.

② Press ▶.
Different type of screen appears
depending on selected item.

③ Press ▲ or ▼ to change the setting.

④ Press MENU/OK to confirm the setting.

Settings

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[SET-UP] menu option

	Setting	Display	Factory default	Explanation	Page
📷1	[▣ IMAGE DISP.]	[CONTINUOUS]/[3 SEC]/[1.5 SEC]/ [ZOOM (CONTINUOUS)]	[1.5 SEC]	Sets the way for displaying the check image screen (photograph result) after taking a picture. The color tones in images recorded may differ from actual color. Playback the recorded images to check them.	125
	[▥ FRAME NO.]	[CONTINUOUS]/ [RENEW]	[CONTINUOUS]	Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.	126
	[▥ DUAL IS MODE]	[((◔))₁ CONTINUOUS]/ [((◔))₂ SHOOTING ONLY]	[((◔))₁ CONTINUOUS]	Selects from the Dual IS modes.	127
	[◉ SAVE ORG IMAGE]	[ON]/[OFF]	[OFF]	Specifies whether or not to record a shot image before red-eye correction is applied when using the Intelligent Face Detection function with [🄌 FACE DETECTION◉REMOVAL ON].	–
	[▥ AF ILLUMINATOR]	[ON]/[OFF]	[ON]	Specifies whether the AF-assist illuminator is ON or OFF.	42
	[▨ CCD-RAW]	[ON]/[OFF]	[OFF]	Sets the picture quality to CCD-RAW. The camera will not perform image processing, however images can be processed on a PC.	127
📷2	[▥ EVF/LCD MODE]	[30fps]/[60fps]	[60fps]	Sets the screen display to the fine mode.	–
	[▥ AE-LOCK MODE]	[AE-L1]/[AE-L2]	[AE-L1]	Selects from the AE-Lock modes. When [AE-L1] is set, the exposure is fixed while pressing the AE-L button. When [AE-L2] is set, pressing the AE-L button fixes the exposure and pressing the AE-L button again releases the exposure.	–
	[▣ FOCUS CHECK]	[ON]/[OFF]	[ON]	Zooms up the center of the image for easy adjustment of the focus when turning the focus ring manually.	127

	Setting	Display	Factory default	Explanation	Page
🔧1	[🕐 DATE/TIME]	–	–	Corrects the date or time.	27
	[🔔 OPERATION VOL.]	🔊))/🔊)/🔊/[🔇OFF]	🔊	Sets the volume of the tone emitted when the camera controls are used.	–
	[📷 SHUTTER VOLUME]	🔊))/🔊)/🔊/[🔇OFF]	🔊	Sets the volume of the sound emitted when the shutter operates.	–
	[🔊 PLAYBACK VOLUME]		[7]	Sets the volume of playing back movie and voice memo.	128
	[🔄 AUTOROTATE PB]	[ON]/[OFF]	[ON]	Plays back automatically an image taken by holding the camera vertically in the correct position.	128
	[🔆 LCD BRIGHTNESS]	–	[0]	Sets the LCD monitor brightness.	128
🔧2	[💾 FORMAT]	–	–	Initializes a Memory Card or internal memory. Select this menu to erase all the frames (files).	129
	[🌐 言語/LANG.]	[日本語]/[ENGLISH]/ [FRANCAIS]/[DEUTSCH]/ [ESPAÑOL]/[ITALIANO]/ [中文简]/[繁體]/[한글]/ [РУССКИЙ]/[PORTUGUÊS]/ [NEDERLANDS]/[TÜRKÇE]/ [ČESKY]/[MAGYAR]/ [POLSKI]/[SVENSKA]	[ENGLISH]	Specifies the language used for screen display.	28
	[⏻ AUTO POWER OFF]	[5 MIN]/[2 MIN]/[OFF]	[2 MIN]	Sets the time of turning camera off when camera is not used.	129
	[🕑 TIME DIFFERENCE]	[🏠 HOME]/[✈ LOCAL]	[🏠 HOME]	Specifies the time difference settings.	130
	[🖼 BACKGROUND COLOR]	–	–	Specifies the colors of menu and background.	–
	[ℹ GUIDANCE DISPLAY]	[ON]/[OFF]	[ON]	Specifies whether to display the function explanation.	–

Settings

	Setting	Display	Factory default	Explanation	Page
⚙3	[🎞 VIDEO SYSTEM]	[NTSC]/[PAL]	–	Specifies whether video output is set to [NTSC] or [PAL].	–
	[🔄 RESET]	–	–	Resets all the camera settings (other than the [DATE/TIME], [TIME DIFFERENCE], [BACKGROUND COLOR], and [VIDEO SYSTEM]) to the factory default values set at shipment. A confirmation message appears when you press ▶. To reset the camera settings, press ◀ or ▶ to select [OK] and press MENU/OK.	–
	[🔄 CUSTOM RESET]	[C1]/[C2]	–	Resets the shooting settings saved in C1 or C2 in Shooting mode.	–

[IMAGE DISP.]

Use this setting to specify the way for displaying the check image screen (photograph result) after taking a picture.

[CONTINUOUS]:
The results are always displayed after you shoot. Press MENU/OK to take another picture.

[3 SEC]/[1.5 SEC]:
The image appears for about 3 or 1.5 seconds and is then recorded.

[ZOOM (CONTINUOUS)]:
The image appears enlarged. Use this mode to check details of image.

⚠ CAUTION

• The color tones in images displayed when [3 SEC] or [1.5 SEC] is selected may differ slightly from those in the images actually recorded.
• [IMAGE DISP.] cannot be used when [■ LONG PERIOD] (→p.84) is set.

✎ MEMO

When a result is displayed with [CONTINUOUS] set, overexposed areas in an image can be checked by pressing ▣.

■ **Enlarging images**

Navigation screen (Current displayed image)

① Press ▼ or ▲ to zoom in or out of an image.

② Press ◀ or ▶ to switch the display.

③ Press ▲, ▼, ◀, or ▶ to display another part of the image.

④ Press MENU/OK to take another picture. The image is recorded automatically.

✎ MEMO

• When ▩ is selected in [◨ QUALITY], the image cannot be enlarged.
• Pressing DISP/BACK cancels the zoom setting.
• This function is disabled when setting the continuous shooting.

Continued ➡

Settings

😐 **Intelligent Face Detection**

Images taken with the Intelligent Face Detection (→p.37).
Press 😐 (Intelligent Face Detection) to alternate
between the displayed faces. Press ▲ or ▼ to zoom in
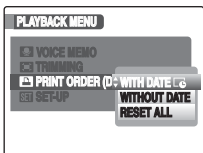or out the selected face. Press ◄ or ► for the next or
previous image, and press ▲, ▼, ◄ or ► to display
another part of the image.

[FRAME NO.]

Use this function to specify whether frame numbers are
assigned consecutively from previous numbers or begin
again.

	[CONTINUOUS]	[RENEW]
A	0001 ⋮ 0005	0001 ⋮ 0005
↓		
B	0006 ⋮ 0010	0001 ⋮ 0005

∗ Formatted Memory Card or internal memory used for
both A and B.

[CONTINUOUS]:
Pictures are stored beginning from the highest file
number stored on the last Memory Card or internal
memory used.

[RENEW]:
Pictures are stored on each Memory Card beginning
with a file number 0001.
Each image will be numbered consecutively from the
last number used. So when recorded images in the
Memory Card are erased, the number of the erased
frame will not be used again.

✅ **CHECK**

Frame number

File number
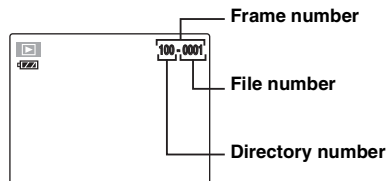
Directory number

The last 4 digits of the 7-digit number in the top right
corner of the screen are the file numbers, while the
first 3 digits show the directory number.

✎ **MEMO**

- Setting this function to [CONTINUOUS] 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] (→p.124),
  the frame number setting ([CONTINUOUS] or
  [RENEW]) is changed to [CONTINUOUS] and the
  frame number itself does not return to 0001.
- In [CONTINUOUS] setting, images are stored
  beginning from the highest file number on the current
  Memory Card when the Memory Card already contains
  image files with file numbers higher than the highest file
  number on the last Memory Card.
- The displayed frame number may differ for images
  photographed on other cameras.

[DUAL IS MODE]

Use this function to select the Dual IS mode.

[((())₁ CONTINUOUS]:
[DUAL IS MODE] is always set to ON in Shooting mode.

[((())₂ SHOOTING ONLY]:
[DUAL IS MODE] is set to ON when pressing the shutter button down halfway.

[CCD-RAW]

Setting [RAW 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 FinePixViewer software to perform the processing on a PC. Conversion using FinePixViewer also provides a simple way to create TIFF-format images. (Convertible file type will differ depending on your PC. For details, refer to the help of FinePixViewer.)

⚠ CAUTION

The functions listed below cannot be used in CCD-RAW mode.
- During shooting
  Red eye correction, Digital zoom and Quality unavailable.
- During playback
  Playback can be zoomed up to 2.5×, but cropped images cannot be saved and red eye effect cannot be corrected.

✍ CHECK

To rebuild images, FinePixViewer (on the bundled CD-ROM "Software for FinePix") must be installed on your PC.

[FOCUS CHECK]

Use this function when it is difficult to see whether the image is focused.

Set [FOCUS CHECK] to [ON]. The center of the image can be zoomed in by turning the focus ring, and focusing can be more easily achieved in this portion of the screen. Take the picture, press the shutter button down halfway or leave the camera for a while to return to normal display.

⚠ CAUTION

- The Focus check function can be used in the MF mode (→p.71).
- When using the Focus check function, set [EVF/LCD MODE] (→p.122) to [30fps] in the [SET-UP] menu.
- The Focus check function cannot be used when [HIGH-SPEED SHOOTING] (→p.99) is set to [ON].

[PLAYBACK VOLUME]

Use this function to adjust volume while playing back movie and voice memo.
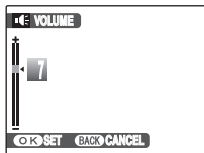
① Press ▲ or ▼ to adjust the volume. The larger the number, the larger the volume is emitted. [0] (zero) indicates a sound deadening.

② Press MENU/OK to confirm the setting.

[AUTOROTATE PB]

This camera has a built-in sensor to detect the vertical and horizontal composition of the camera when images are shot. When setting to [ON], images are automatically rotated and displayed on the LCD monitor in Playback mode according to the composition when shooting. When setting to [OFF], all images are displayed in horizontal composition.

[ON] : Displays images by automatically rotating on the LCD monitor according to the detected composition of the camera when images are shot.

[OFF] : Displays all images in horizontal composition.

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[LCD BRIGHTNESS]

Use this function to adjust the screen brightness.
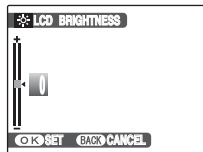
① Press ▲ or ▼ to adjust the screen brightness. The indicator moves to the + to display the screen brightly or to the – to darken the screen.

② Press MENU/OK to confirm the setting.

[FORMAT]

Initialize (format) the Memory Card or internal memory for use with the camera.

FORMAT
FORMAT OK?
ERASE ALL DATA

OK ◀ ▶ **CANCEL**

OK SET
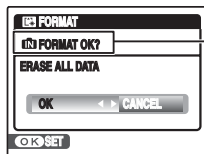
Place of initialize
[FORMAT OK?]:
Internal memory
[FORMAT OK?]:
Memory Card

① Press ◀ or ▶ to select [OK].

② Pressing MENU/OK initializes the Memory Card or internal memory.

⚠ CAUTION

• The Format function erases all the frames (files), including protected frames (files).
Back up important frames (files) onto your PC or another media.
• Do not open the battery cover or slot cover during formatting. The Memory Card or internal memory could be damaged.

[AUTO POWER OFF]

When this function is active and the camera remains unused for 2 or 5 minutes, it turns camera off.
Use this function when you want to get the maximum possible running time from your battery.

⚠ CAUTION

The Auto power off function is disabled during slide show (→p.102), and when a printer or a PC connection (→p.134, 143) is being used.

📝 MEMO To restore power to the camera

Refer to "Turning On and Off" (→p.24).

Settings

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[TIME DIFFERENCE]

Use this function when traveling to destinations in different time zones. 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.

1 Use Time difference function.
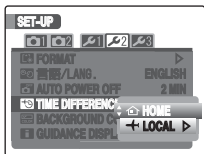
Press ▲ or ▼ to change between [🏠 HOME] and [✈ LOCAL].
To set the time difference, select [✈ LOCAL].
[🏠 HOME]:Your home time zone
[✈ LOCAL]:Your destination time zone

2 Move to [TIME DIFFERENCE] screen.
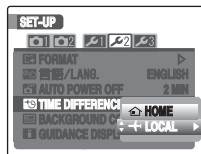
Press ▶.

3 Set time difference.
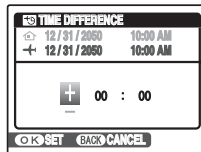
① Press ◀ or ▶ to select +/–, hour, and minute.

② Press ▲ or ▼ to change the setting.

③ Always press MENU/OK after the settings are completed.

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⊘ CHECK

Available time setting
–23:45 to +23:45 (in 15-minute increments)

✎ MEMO
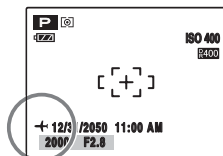
In the time difference setting, when you change to Shooting mode, ✚ and the date is displayed for 3 seconds, the date display turns yellow.

⊘ CHECK

Upon returning from a trip, always change the time difference setting back to [⌂ HOME] and then check the date and time again.

Connecting to a TV

When connecting to a TV, images can be displayed on wider screen. Using slide show function (→p.102) together, you can have fun with folks.

AC-84V (sold separately)

A/V OUT socket

Plug the A/V cable (included) into the A/V OUT (Audio/Visual output) socket of the camera.

Video (yellow)

To terminals

Audio (white)

Plug the other end of the cable into the audio/video input socket on the TV.
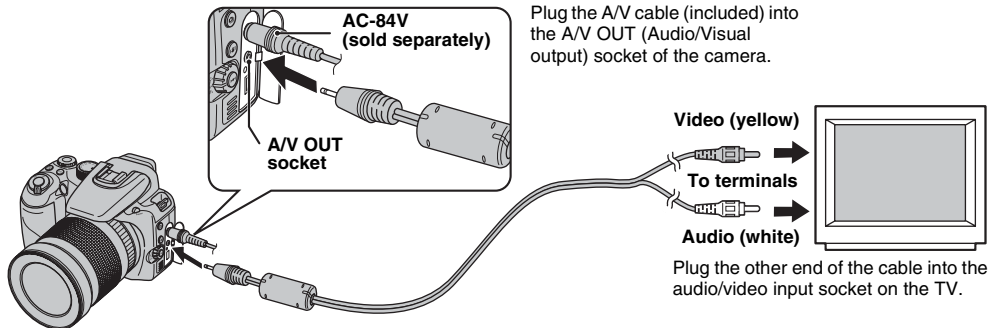
! CAUTION

- Plug the A/V cable (included) and the AC power adapter correctly and push them in each terminal.
- See "Notes and Cautions" (included) for notes on the AC power adapter.

✎ MEMO

- When connecting the A/V cable (included) to TV, the camera's screen is turned off.
- The image quality for movie playback is lower than for still images.
- When connecting to a TV, even if you adjust the volume from the [PLAYBACK VOLUME], the TV volume cannot be changed. Refer to the instructions provided with your TV for more information on audio/video input for your TV.
- Use the AC-84V (sold separately) when FinePix S100FS is connected to a TV for long periods.

Using the AC power adapter (sold separately)

Always use a FUJIFILM AC Power Adapter AC-84V (sold separately) (→p.148).
Use the AC power adapter to prevent 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.
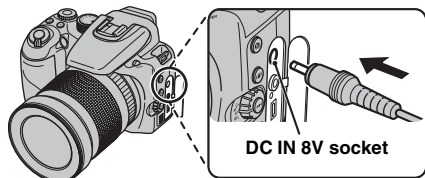
DC IN 8V socket

Check that the camera is off. Plug the AC power adapter connector into the DC IN 8V socket and then plug the AC power adapter into the power outlet.

⚠ CAUTION

- Only connect and 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, which will stop the recording of any images or movies being shot. Failing to turn the camera off before connecting/disconnecting can also result in damage to the Memory Card, or malfunction during PC connection.
- The shape of the plug and socket-outlet depends on the country of use.
- FUJIFILM is not responsible for any malfunction caused by using any AC power adapter other than FUJIFILM AC Power Adapter AC-84V.
- Do not connect the AC power adapter to charge the battery. Use the supplied charger BC-140 to charge the battery.

✎ MEMO

See "Notes and Cautions" (included) for notes on the AC power adapter.

Camera Connection

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Connecting Camera Directly to 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 a PC.

PictBridge

Connecting to a printer

① Connect the camera to your printer using the USB cable.

AC-84V (sold separately)

USB socket
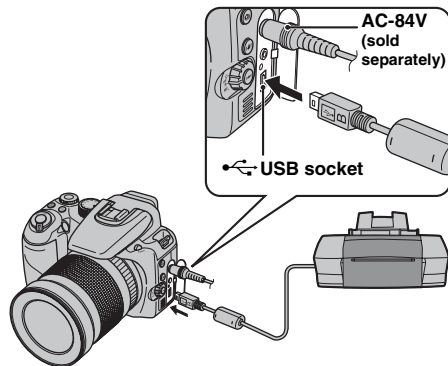
MEMO
Use the AC-84V (sold separately) when FinePix S100FS is connected to a printer.

② Connect the camera to a printer and turn the printer on. Set the Power switch to ON to turn the camera on, then press ▶ to switch to Playback mode.

[🔌 USB]

[🔌 USB] appears on the screen.

③ The following screen appears on the screen after a moment.

PICTBRIDGE
TOTAL : 00000

00 SHEETS
◀▶ FRAME
OK OK   DISP SET
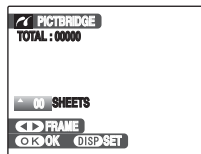
"Specifying images for printing"
→p.135
"Printing with DPOF setting"
→p.136

MEMO
Depending on the printer, some functions are disabled.

Specifying images for printing ([PRINT WITH DATE] / [PRINT WITHOUT DATE])

PICTBRIDGE
TOTAL : 00002

02 SHEETS
◀▶ FRAME
OK OK **DISP SET**
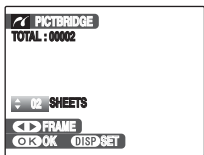
① Press ◀ or ▶ to display the frame (file) for specifying print setting.

② Press ▲ or ▼ to set a value.
Up to 99 sheets are printed.

To specify more PRINT settings, repeat steps ① and ②.

③ Press MENU/OK to display the confirm setting.

PRINT THESE FRAMES
TOTAL : 9 SHEETS

OK YES **BACK CANCEL**
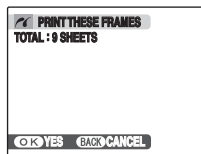
④ Press MENU/OK again to download the data to the printer and start printing the specified number of prints.

✎ MEMO

Even if MENU/OK is pressed with total number of images set at 0 (zero), the screen printing once appears on the screen. Press MENU/OK again and printing starts.

✎ MEMO Printing with date

PICTBRIDGE
PRINT WITH DATE ▷
PRINT WITHOUT DATE ▷
PRINT DPOF ▷
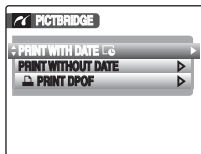
① Press DISP/BACK to display the setting display.
② Press ▲ or ▼ to select [PRINT WITH DATE🌅].
③ Press MENU/OK.

⚠ CAUTION

[PRINT WITH DATE🌅] is not available when the camera is connected to a printer that does not support date printing.

◆ Printing with DPOF setting [🖶 PRINT DPOF]
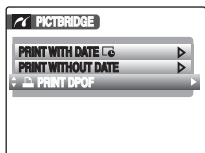
DISP/BACK ① Press DISP/BACK to open the menu.

MENU/OK ② Press ▲ or ▼ to select [🖶 PRINT DPOF].

MENU/OK ③ Press MENU/OK to display the confirm setting.
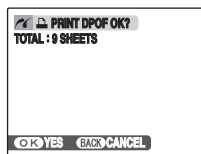
MENU/OK ④ Press MENU/OK again to download the data to the printer and start printing the specified frames (files) continuously.

✅ CHECK

To select [🖶 PRINT DPOF], the DPOF settings must be specified on FinePix S100FS beforehand (→p.112).

⚠ CAUTION

Even when [WITH DATE🗓] is specified in the DPOF settings (→p.112), the date is not inserted on printers that do not support date printing.

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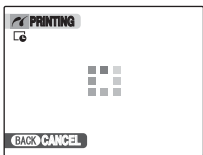
Press DISP/BACK to cancel the printing.
Depending on the printer, the printing may not be canceled immediately or printing may stop midway through.
When printing stops midway, briefly turn the camera off and then on again.

Disconnecting the printer

① Check that [PRINTING] is not displayed on the camera's screen.

② Turn the camera off. Unplug the USB cable.

✎ **MEMO**

DPOF setting can be specified for images on internal memory.

⚠ **CAUTION**

- In PictBridge function, images photographed on other than a camera may not be printed.
- The camera cannot be used to specify printer settings such as the paper size and print quality.
- Please connect the AC Power Adapter AC-84V (sold separately) to your camera.
- Use internal memory or a Memory Card that was formatted on FinePix S100FS.
- Movies and CCD-RAW cannot be printed.
- Images photographed with a camera other than FinePix S100FS may not be printed.

Camera Connection

Installation on a Windows PC

Pre-installation checklist

■ Hard ware (software) requirements and recommended system

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

requirement		Recommendation	
Operating System∗1	Windows 98 SE Windows Millennium Edition (Windows Me) Windows 2000 Professional∗2∗3 Windows XP Home Edition∗2 Windows XP Professional∗2 Windows Vista∗2	Windows XP	Windows Vista
CPU	200 MHz Pentium minimum (Windows XP/Vista users: 800MHz Pentium 4 or better recommended)	2 GHz Pentium 4 or better	3 GHz Pentium 4 or better
RAM	128 MB minimum (512 MB minimum for Windows Vista) Minimum 768 MB when converting CCD-RAW Data	512 MB or better	1 GB or better
Hard disk space	Amount required for installation: 450 MB minimum Amount required for operation: 600 MB minimum Minimum 2 GB when converting CCD-RAW Data (must specified in the OS as virtual memory or paging files)	2 GB or better	15 GB or better
Display	800 × 600 pixels or better, 16-bit color or better	1024 × 768 pixels or better, Highest (32 bit)	

∗1 Models with one of the above operating systems pre-installed.
∗2 When you install the software, login using a system administrator account (e.g. "Administrator").
∗3 Requires Service Pack4 when converting CCD-RAW Data.

⚠ CAUTION

- Additional USB interface board is not guaranteed.
- Windows 95, Windows 98 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.

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

1 **Install FinePixViewer as instructed by the on-screen instructions.**

Launching the installer manually

① Double-click the [My Computer] icon.

∗ Windows XP users should click [My Computer] in the [Start] menu.

  Windows Vista users should click [Computer] in the [Start] menu.

② Right-click [FINEPIX] (CD-ROM drive) in the [My Computer] window (Windows Vista users: in the [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).

For Windows Vista users:
When loading the bundled CD-ROM on your PC, the [AutoPlay] window may appear. In this case, click [SETUP.exe].
When [User Account Control] window appears, click [Allow].

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

① **CAUTION**

  • If the latest version of DirectX or Windows Media Player has not been installed, each software will be installed, and then the PC will restart.
  • Do not remove the CD-ROM during this procedure.

3 **After restarting the PC, a message appears stating [Installation of the FinePixViewer has been completed]. Remove the CD-ROM from your PC.**

Installation on a Mac OS X

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∗1	Power Macintosh G3∗2, PowerBook G3∗2, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube, PowerBook G4, Power Macintosh G5, MacBook, MacBook Pro, or Mac mini
Operating System	Mac OS X (compatible with version 10.3.9 to 10.4.10)
RAM	256 MB minimum
Hard disk space	Amount required for installation: 200 MB minimum Amount required for operation: 400 MB minimum Minimum 2 GB when converting CCD-RAW Data (required on the system disk)
Display	800 × 600 pixels or better, at least 32,000 colors
Internet connection∗3	• To use the FinePix Internet Service or mail attachment function: An Internet connection or e-mail transmission software is needed • Connection speed: 56 k or better recommended

∗1 PowerPC, Intel processor loaded
∗2 Models with a USB port as a standard feature
∗3 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

⚠ CAUTION

- 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.

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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 on [Installer for MacOSX].**

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

FUJIFILM *FinePixViewer* Installer for Macintosh

Read Me First!

This document contains important installation information. Be sure to read this before beginning the installation.
- About FinePixViewer
- System Requirements
- Installation Tips

Using FinePixViewer

Overview of the Basic FinePixViewer Functions

Installing FinePixViewer

Now begin FinePixViewer installation.

Exit

⚠ **CAUTION**

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 **Install FinePixViewer as directed by the on-screen instructions.**

Continued ➡

Software Installation

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7 **The [FinePixViewer installation completed] message dialog appears. Then click exit button and close it.**

(!) **CAUTION**

When Safari is used as the Web browser, a message may be displayed and the CD-ROM may not be removed. If this happens, click the Safari icon in the Dock to make Safari the active application and then select [Quit Safari] in the [Safari] menu to shut down Safari.

8 **Launch [Image Capture] from the [Applications] folder.**

9 **Change the Image Capture settings. Select [Preferences...] from the [Image Capture] menu.**

10 **Select [Other...] from [When a camera is connected, open].**

11 **Select [FPVBridge] from [FinePixViewer] folder in the [Applications] folder and click the [Open] button.**

12 **Select [Quit Image Capture] menu in the [Image Capture] menu.**

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Connecting to a PC

By connecting the camera to a PC, your system can be expanded to fill a wide range of uses. Using "FinePixViewer" performs images saving, browsing and file management etc.

FinePixViewer Overview
Enables importing images, managing files and folders, and ordering prints using the internet (only Windows users).

⚠ CAUTION

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

Refer to Software Installation (→p.138, 140) the first time you connect the camera to your PC.
Install the software first. Do not connect the camera to the PC before installing all the software.

CD-ROM (Software for FinePix)

① Insert the Memory Card with images into the camera (→p.21).
You can use the **xD-Picture Card** and the SD Memory Card with the FinePix S100FS.
In this Owner's Manual, these cards are expressed as "Memory Card".

⚠ CAUTION

• Do not format the Memory Card in the camera on the PC.
• Use the Memory Card with images taken by a FUJIFILM Digital camera.

② Connect the camera to your PC using the USB cable (included).

AC-84V (sold separately)

←← USB socket
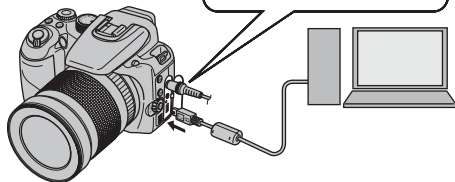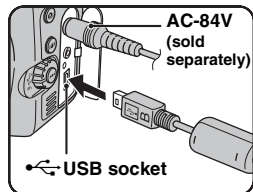
③ Set the Power switch to ON to turn the camera on.
④ Set your PC.

✎ MEMO

In Windows, if FinePixViewer is already installed, the driver will be set automatically. No action is required.

Continued ➡

Software Installation

143

⚠ CAUTION

- FinePix S100FS is compatible with PTP (Picture Transfer Protocol)/MTP (Media Transfer Protocol). A PTP/MTP-compatible camera is a camera that can recognize the PC and printer automatically when connected.
- Do not disconnect the USB cable (included) when the camera is communicating with a PC. If the USB cable (included) is disconnected during communication, the files on the Memory Card or internal memory may be damaged.
- In Mac OS X, you must set automatic setup the first time you connect the camera to your PC.
- When the camera and PC are exchanging data, the indicator lamp blinks alternately green and orange.
- Auto power off is disabled during USB connection.
- Before replacing the Memory Card, always disconnect the camera from the PC.
- The camera and PC may be exchanging data even when [Copying] disappears from your PC screen. Before disconnecting the USB cable (included), always check that the indicator lamp is off.
- Always use FinePixViewer to transfer images with voice memos to a PC.
- The cost of an Internet provider for connecting to the internet is the user's responsibility.
- When using FinePixViewer to save images on a data server (network), FinePixViewer may not run as it would in a standalone PC environment.
  - An image taken with CCD-RAW (→p.127) setting is required to be transferred to a PC using FinePixViewer.

⚠ CAUTION

- Always use the FUJIFILM AC Power Adapter AC-84V (sold separately). If the camera suddenly loses power during data exchange, data exchange will not be performed correctly, and the Memory Card or internal memory could be damaged.
- Make sure that the USB cable (included) is connected correctly and securely.
- 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 if you connect the camera via a USB hub.
- When your PC has more than one USB port, the camera can be connected to either port.
- When Windows 98 SE is used, the supplied software must be installed first before connecting the camera to a PC using the USB cable. The PC will not recognize the camera if it is connected before installation.
- A memory Card, the internal memory, data in a Memory Card or data in the internal memory could be damaged if any of the following are performed;
  - the USB cable is disconnected
  - Power switch or buttons are pressed

The following steps differ depending on the PC's operating system (Windows XP/Vista and Mac OS X case)

When your PC recognizes the camera automatically, 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. To proceed without saving the images, click the [Cancel] button.

(!) **CAUTION**

When there are many images stored on a Memory Card, it takes a while to display on the screen of your PC. Also, it may take a while to import images or you may be unable to save images. In this case, use an Image Memory Card Reader.

✍ **MEMO**

• You can only see images saved on a PC. Save images on a PC.
• If you cancel saving by clicking the [Cancel] button, set the Power switch to turn off the camera and then disconnect it from the PC.
• When the camera is connected to your PC, FinePixViewer automatically starts up by the function of Exif Launcher, which is installed in FinePixViewer.

Proceed to "Using FinePixViewer" (→p.146).

(!) **CAUTION (MAC OS X)**

If FinePixViewer does not start up automatically, the software may not be installed correctly. Set your PC again after disconnecting the camera and restart.

(!) **CAUTION (MAC OS X)**
Note on disconnecting the camera

• Close all files in the camera, and make sure the camera is not exchanging data.
• The camera and PC may be exchanging data even when [Copying] disappears from your PC screen, especially in the case of copying large data amounts. Do not disconnect the USB cable (included), immediately after this message has disappeared. Always check that the indicator lamp is off first before disconnecting.

Using FinePixViewer

Mastering FinePixViewer

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

• 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 [Slide Show] in
the menu that appears.
③ The [Slide Show] information appears. Press the [<<<]
key to view the previous page or the [>>>] key to view
the next page.

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 The steps for uninstalling software differ depending on
the operating system. Follow the steps for each
operating system to uninstall the software listed below.

The following software is to be uninstalled:
• FinePixViewer
• FinePix Resource
• FinePix Studio∗
• RAW FILE CONVERTER LE∗
∗ May not have been installed depending on the
operating system.

To remove FinePixViewer

FinePixViewer Ver.5.∗

To remove the driver
software

FUJIFILM USB Driver

④ When the message appears, click the [OK] button.
Check your selection carefully since the process
cannot be canceled once you click the [OK] button.

Macintosh

Quit FinePixViewer. Then drag the installed
FinePixViewer folder to the Trash and select [Empty
Trash] in the [Finder] menu.

System Expansion Option

By using FinePix S100FS together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.
Accessory availability may vary by country. Please check with your local Fujifilm representative to confirm product availability.

FINEPIX S100FS

■ **Audio/Visual output**
TV monitor (commercially available)

Audio/Visual output

■ **Connecting remote release**

Remote release RR-80

■ **Image input/output to the PC**

USB

Personal Computer (commercially available)

■ **Printing**

USB

xD-Picture Card

PictBridge

PictBridge-compatible printer (commercially available)

SD/SDHC Memory Card

PC Card Adapter DPC-AD

(PC card slot)
∗ This will not work with an SD Memory Card.

Printer (commercially available)

CompactFlash™ Card Adapter DPC-CF

(CF card slot)
∗ This will not work with an SD Memory Card.

Appendices

Accessories Guide

Visit the FUJIFILM web site for the latest information on camera accessories.
http://www.fujifilm.com/products/digital_cameras/index.html
Accessory availability may vary by country. Please check with your local Fujifilm representative to confirm product availability.

• **xD-Picture Card**
Use the following **xD-Picture Card**s:
256MB/512MB/1GB/2GB
There are two types of **xD-Picture Card**: standard type and Type M (containing "M" in the model number, such as DPC-M1GB).
FinePix S100FS is compatible with Type M, however they may not be compatible depending on the device used (Image Memory Card Reader, etc.).

• **AC Power Adapter AC-84V**
Use the AC-84V when taking pictures or play back images for long periods or when FinePix S100FS is connected to a PC.
∗ The shape of the AC power adapter, the plug, and power outlet depend on the country.
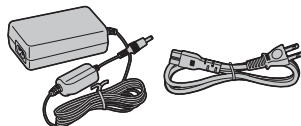
• **Rechargeable Battery NP-140 (1150 mAh)**
A Lithium-ion large capacity rechargeable battery.

• **Remote release RR-80**
Use the remote release RR-80 together with a tripod to prevent camera shake, etc.
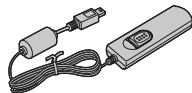
• **PC Card Adapter DPC-AD**
The PC Card Adapter allows the **xD-Picture Card** and SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type Ⅱ).
-Compatible with **xD-Picture Card** of 16 MB to 512 MB, and SmartMedia of 3.3 V, 2 MB to 128 MB.
∗ This is not compatible with the SD Memory Card.

- **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).
* This is not compatible with the SD Memory Card.

Using Your Camera Correctly

Read this information and the "Safety Notes" (→ "Notes and Cautions" (included)), 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 electric magnetic fields (such as near broadcasting tower, power lines, radar, motors, transformers, magnets, etc.)
• In contact with chemicals such as pesticides
• Next to rubber or vinyl products

■ Damaged by Water or Sand

FinePix S100FS 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 Memory Card. In this event, remove the Memory 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 Memory Card.

■ Cleaning Your Camera

• Use a blower brush to remove any dust on the lens, LCD monitor or 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 or viewfinder.
• 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 to violent shocks, and the camera may be damaged inside or outside.

Notes on the **xD-Picture Card™**, the SD Memory Card and the Internal Memory

■ **Handling Memory Card**
- When inserting the Memory Card into the camera, hold the Memory Card straight as you push it in.
- Never remove the Memory Card or turn the camera off during data recording or erasing (Memory Card formatting) as this could be damaged to the Memory Card.
- The use of **xD-Picture Card**s is recommended with FinePix S100FS.
  The recording quality cannot be guaranteed when **xD-Picture Card**s other than those manufactured by FUJIFILM are used.
- The Memory Card may feel warm when it is removed from the camera after taking pictures. This is normal.
- Do not put labels on the Memory Card. Peeling labels can cause the camera not to work properly.

✎ **MEMO Type M and H of xD-Picture Card**
- Type M
  There are two types of Memory Card: standard type and Type M (containing "M" in the model number, such as DPC-M2GB).
  FinePix S100FS is compatible with Type M.
- Type H
  Type H and M share the same compatibility.
- Usable USB drive
  Type H cannot be used with **xD-Picture Card** USB drive DPC-UD1, while Type M can.

■ **Internal Memory**
- Images held in the camera's internal memory may be corrupted or erased due to problems such as camera faults. Save your important data to another media (i.e., DVD-R, CD-R, CD-RW, hard disk, etc.).
- Data stored in the camera's internal memory cannot be guaranteed in the event that the camera is submitted for repairs.
- When the camera is repaired, any data stored in the camera's internal memory is subject to checking by the repairer.

■ **Using Memory Card or Internal Memory with a PC**
- When taking pictures using a Memory Card or internal memory that has been used on a PC, reformat the Memory Card using your camera.
- When formatting, 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 Memory Card or internal memory because this will make it impossible to use the Memory Card or internal memory in your camera.
- Always use the camera to erase image data.
- To edit image data, copy or transfer the image data to the PC and edit the copied or transferred data.

Warning Displays

The table below lists the warnings that are displayed on the screen.

Warning Displayed	Explanation	Remedy
(Lit red) (Blinking red)	The 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. A tripod may be recommended, depending on the scene and mode.
[⌐+¬] !AF (Lit red) *The shape of the AF frame differs depending on the setting in [SHOOTING MENU].	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 (→p.40). • Select Macro mode when taking close-up shots.
Aperture/ Shutter speed display (Lit red)	The camera cannot shoot the picture at the correct brightness due to too bright or dark shooting condition.	The picture can be taken, but the correct brightness (exposure) will not be obtained.
[FOCUS ERROR] **[LENS CONTROL ERROR]**	Camera malfunction or fault.	• Turn the camera on again. • Turn the camera off and on again. If the message still appears, contact your FUJIFILM dealer.
[NO CARD]	Memory Card is not inserted when transferring images.	Insert a Memory Card.
[CARD NOT INITIALIZED]	• The Memory Card or internal memory is not formatted. • The Memory Card was formatted on a PC. • The Memory Card contact area is soiled.	• Format the Memory Card or internal memory on the camera (→p.129). • Format the Memory Card on the camera. • Wipe the contact area on the Memory Card with a soft, dry cloth. It may be necessary to format the Memory Card (→p.129). If the message still appears, replace the Memory Card.
	• Camera fault.	• Contact your FUJIFILM dealer.

Warning Displayed	Explanation	Remedy
[CARD ERROR]	• The Memory Card contact area is soiled. • The Memory Card format is incorrect. • Camera fault. • The Memory Card is damaged. • Inserted Memory Card is not compatible with your camera.	• Wipe the contact area on the Memory Card with a soft, dry cloth. It may be necessary to format the Memory Card (→p.129). If the message still appears, replace the Memory Card. • Contact your FUJIFILM dealer. • Insert a compatible Memory Card that is operation-checked at FUJIFILM Corporation.
[⬜ MEMORY FULL] **[🖭 MEMORY FULL]**	The internal memory or Memory Card is full.	Erase some images in internal memory or Memory Card (→p.49), or use a Memory Card that has ample free space.
[WRITE ERROR]	• The data could not be recorded due to an Memory Card error or a connection error between the Memory Card and camera. • The image cannot be recorded as it is too large to fit in the available space on the Memory Card. • The Memory Card or internal memory is not formatted.	• Re-insert the Memory Card or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer. • Use a new Memory Card. • Format the Memory Card or internal memory on the camera (→p.129).
[PROTECTED CARD]	The SD Memory Card switch is slide to the "Lock" side.	Unlock the protection by sliding it back (→p.22).
[INTERNAL MEMORY IS FULL INSERT A NEW CARD]	The data could not be recorded or copied since the internal memory is full.	Erase some images from the internal memory (→p.49), or use a Memory Card that has ample free space.
[BUSY]	The timing for recording was incorrect because the Memory Card was formatted on a PC.	Use a Memory Card that was formatted on the camera.
[FRAME NO. FULL]	The frame number has reached 999-9999.	① Insert a formatted Memory Card into the camera. ② Set [RENEW] as the [FRAME NO.] setting in the [SET-UP] menu (→p.126). ③ Start taking pictures (The frame number starts from "100-0001"). ④ Set [CONTINUOUS] as the [FRAME NO.] setting in the [SET-UP] menu.

Warning Displayed	Explanation	Remedy
[READ ERROR] **[? READ ERROR]**	• The played back file was not recorded correctly. • The Memory Card contact area is soiled. • Camera fault. • An attempt was made to play back the image or the movie that was not recorded on this camera.	• This file cannot be played back. • Wipe the contact area on the Memory Card with a soft, dry cloth. It may be necessary to format the Memory Card (→p.129). If the message still appears, replace the Memory Card. • Contact your FUJIFILM dealer. • The movie and image cannot be played back.
[TOO MANY FRAMES]	An attempt was made to show 5,000 or more image by date sorting.	No more than 4,999 images can be shown by date sorting.
[PROTECTED FRAME]	• An attempt was made to erase a protected file. • An attempt was made to add a voice memo to protected file. • An attempt was made to rotate a protected file.	• Protected files cannot be erased. Remove the protection (→p.104). • Protected files cannot be added to voice memos. Remove the protection (→p.104). • Protected files cannot be rotated. Remove the protection (→p.104).
[🎤 ERROR]	• The voice memo file is faulty. • Camera fault.	• The voice memo cannot be played back. • Contact your FUJIFILM dealer.
[⬚ NO IMAGE]	An attempt was made to transfer images from the Memory Card or internal memory that memory was empty.	It is impossible to copy.
[⬚ CAN NOT TRIM] **[RAW CAN NOT TRIM]**	An attempt was made to trim a 0.3M image, or an image shot in the CCD-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 S100FS. • The image is damaged.	The image cannot be trimmed.
[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 Memory Card is 999. Copy the images for which you want to order prints onto another Memory Card and then specify the DPOF settings.

Warning Displayed	Explanation	Remedy
[CAN NOT SET DPOF] **[🔳 CAN NOT SET DPOF]** **[🎬 CAN NOT SET DPOF]**	An attempt was made to specify DPOF settings for a movie or an image that is not supported by DPOF.	DPOF printing cannot be used with this image format.
[CAN NOT ROTATE] **[🎬 CAN NOT ROTATE]**	An attempt was made to rotate a movie or an image shot using a camera other than FinePix S100FS.	These images cannot be rotated by image formats.
[CANNOT DETECT] **[❓ CAANOT DETECT]** **[🎬 CANNOT DETECT]** **[🏤 CANNOT DETECT]**	An attempt was made to correct the red-eye effect in images taken with Intelligent Face Detection function set to OFF, movies, images taken by another camera, or images not allowing red-eye removal.	Red-eye removal cannot be used with these image formats.
[🔳 RAW FILE]	An attempt was made to the correct red-eye effect in an image shot in the CCD-RAW setting.	Red-eye removal cannot be used with this image format.
[COMMUNICATION ERROR]	The camera is not connected to a 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 MENU/OK to restart printing.

Appendices

Warning Displayed	Explanation	Remedy
[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. • Movies and CCD-RAW cannot be printed. • Was the image data photographed using FinePix S100FS? You may not be able to print some images photographed on other cameras.

Troubleshooting

■ **Getting ready**

Matters	Problems	Possible causes	Solutions	Page
Battery and power supply	Nothing happens when setting the Power switch to ON.	The battery has run out.	Load new or fully charged battery.	18, 19
		The battery is loaded backward.	Load the battery in the corrected direction.	19
		The battery cover or slot cover is not closed securely.	Close the battery cover or slot cover securely.	19, 22
		The camera and AC power adapter are not connected correctly.	Connect the camera and AC power adapter correctly.	133
		The camera has been left for a long period with battery and AC power adapter removed.	Load the battery or connect the AC power adapter, and wait a short time before turning the camera on.	19, 24, 133
	Battery run out quickly.	Camera is used in extremely cold conditions.	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.	18, 19
		The battery terminals are soiled.	Wipe the battery terminals with a clean, dry cloth.	17
		Same battery has been used for a long period.	The battery can no longer be recharged. Load a new battery.	18, 19
	Power cuts out during operation.	The battery has run out.	Load new or fully charged battery.	18, 19
		The camera and AC power adapter are not connected correctly.	Connect the camera and AC power adapter correctly.	133

■ **Setting menu etc.**

Matters	Problems	Possible causes	Solutions	Page
LCD monitor display	Screens are not displayed in English.	A language other than English is selected in the [言語/LANG.] setting in the [SET-UP] menu.	Select [ENGLISH].	28

■ **Shooting**

Matters	Problems	Possible causes	Solutions	Page
Basic operations	No photograph is taken when pressing the shutter button.	The Memory Card or internal memory is full.	Insert a new Memory Card or erase some unnecessary frames.	21, 49
		The Memory Card or internal memory is not formatted.	Format the Memory Card or internal memory on the camera.	121, 129
		The Memory Card contact area is soiled.	Wipe the Memory Card contact area with a soft, dry cloth.	21, 151
		The Memory Card is damaged.	Insert a new Memory Card.	21
		The battery has run out.	Load new or fully charged battery.	18, 19
		The Auto power off function has turned the camera off.	Turn the camera on.	24
	The screen darkens after taking a picture.	You took pictures with flash.	The screen may darken for charging flash. Wait a short time.	78
Focusing	Camera has difficulty in focusing on the subject.	You took a close-up shot without selecting Macro mode.	Select Macro mode.	75
		You photographed scenery with Macro mode selected.	Cancel Macro mode.	75
		You are shooting a subject that is not suited to autofocusing (→p.41).	Use AF/AE lock or "MF" Manual focus mode to take the picture.	40, 71

Matters	Problems	Possible causes	Solutions	Page
Intelligent Face Detection	Cannot set Intelligent Face Detection.	Shooting mode is set to ▲, ▲s, ▲v, ☀, ✖, or ◉.	Change Shooting mode.	55
Macro	Cannot set the camera to Macro (close-up) mode.	Shooting mode is set to anything other than AUTO, FSB, ☀, 😊, P, S, A, or M.	Change Shooting mode.	55
Flash	Cannot use the flash.	The shutter button was pressed while the flash was charging.	Wait until the charging is completed before pressing the shutter button.	78
		The flash is not popped up.	Pop up the flash.	76
		Shooting mode is set to ▲, ▲s, ▲v, ☀, or ◉.	Change Shooting mode.	55
		The battery has run out.	Load new or fully charged battery.	18, 19
		Continuous shooting is selected.	Set continuous shooting to [OFF].	81
		✿ Super macro mode is selected.	Cancel ✿ Super macro mode.	75
	The flash settings are restricted and cannot be selected.	Shooting mode is set to anything other than ♣, ♣s, 🎬, or P.	The flash settings are restricted because the camera settings are tailored to the scene being shot. Change Shooting mode for a wider range of flash settings.	55, 77
	The playback image is dark even though the flash was used.	The subject is too far away.	Move to within the effective flash range before taking the picture.	75, 78
		Your finger was covering the flash.	Hold the camera correctly.	33

Matters	Problems	Possible causes	Solutions	Page
Photographed images	The image is blurred.	The lens is dirty.	Clean the lens.	150
		AF frame (lit red) and **!AF** appeared when taking pictures.	Check the focus on the subject and take pictures.	34, 40, 152
		!◻ appeared when taking pictures.	It may cause camera shake. Hold the camera steadily.	35, 152
	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.	–
Recording images	Photographed images or movies are not recorded.	AC power adapter was connected or disconnected during turning the camera on.	Connect or disconnect the AC power adapter only when the camera is off. Failing to turn the camera off first can result in damage to the Memory Card or malfunctions during PC connection.	133
Continuous shooting	Only 1 frame can be shot even though continuous shooting mode was set.	A picture is taken using self-timer when setting [LONG PERIOD] or [LAST 7(RAW 3)] continuous shooting mode.	Only 1 frame can be shot when using [LONG PERIOD] or [LAST 7(RAW 3)] continuous shooting mode and Self-timer mode together.	81

■ **Playing back**

Matters	Problems	Possible causes	Solutions	Page
Playing back movie / voice memo	The camera does not emit any sound.	The camera volume is set too low.	Adjust the volume.	110, 120, 123, 128
		The microphone was blocked during shooting/recording.	Take care not to block the microphone during shooting/recording.	11, 108, 117
		There is something covering the speaker during playback.	Make sure that the speaker is uncovered.	12, 109, 120
Erasing	Erasing [FRAME] does not erase the frame.	Some frames may be protected.	Unprotect frames using the camera on which the protection was first applied.	104
	Erasing [ALL FRAMES] does not erase all the frames.			
Frame No.	[CONTINUOUS] in the frame number setting does not function.	You opened the battery cover without turning the camera off when replacing the battery or Memory Card.	Always turn the camera off when replacing the battery or Memory Card. Opening the battery cover without turning the camera off may cause the frame number memory to not function.	24

Troubleshooting

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■ **Connecting**

Matters	Problems	Possible causes	Solutions	Page
Connecting to TV	There is no image or sound on the TV.	The camera is not connected to the TV correctly.	Connect the camera and TV correctly.	132
		The included A/V cable was connected during movie playback.	After the movie playback mode is stopped, connect the camera and TV correctly.	119, 132
		"TV" is selected as the TV input.	Set the TV input to "VIDEO".	–
		The video output setting is incorrect.	Change the setting to [NTSC] or [PAL].	121, 124
		The TV volume is turned down.	Adjust the volume.	–
	The TV image is black and white.	The video output setting is incorrect.	Change the setting to [NTSC] or [PAL].	121, 124
Connecting to PC	PC does not recognize the camera.	The USB cable is not correctly connected to the PC or camera.	Set up the camera, and connect the USB cable correctly.	143
Connecting to printer	Cannot print with PictBridge.	• The USB cable is not correctly connected to the printer or camera. • The printer is not turned on.	• Set up the camera, and connect the USB cable correctly. • Turn the printer on.	134

■ **Others**

Matters	Problems	Possible causes	Solutions	Page
Camera operation etc.	Nothing happens when pressing the buttons on the camera.	Camera malfunction may be caused temporarily.	Briefly remove the battery or disconnect the AC power adapter. Then reload the battery or reconnect the AC power adapter and try again.	19, 133,
		The battery has run out.	Load new or fully charged battery.	18, 19
	The camera no longer works correctly.	Camera malfunction may be caused temporarily.	Briefly remove the battery or disconnect the AC power adapter. Then reload the battery or reconnect the AC power adapter and try again. If you think the camera is faulty, contact your FUJIFILM dealer.	19, 133, 172

Specifications

System	
Model	Digital camera FinePix S100FS
Effective pixels	11.1 million pixels
CCD	2/3-inch Super CCD HR
Storage media	Internal memory (approx. 25 MB)/**xD-Picture Card** (16/32/64/128/256/512 MB/1 GB/2 GB)/ SD/SDHC Memory Card (FUJIFILM recommendation (→p.21))

File format	Still image: DCF-compliant
	            Compressed: Exif ver.2.2 JPEG, DPOF-compatible
	            Uncompressed: CCD-RAW (Original RAF format, the bundled FinePixViewer software required)
	            ＊Design rule for Camera File System compliant/DPOF compatible
	Movie: AVI format, Motion JPEG
	Audio: WAVE format, Monaural sound

Number of recorded pixels	Still image: 3840 × 2880 / 4032 × 2688 / 2816 × 2112 / 2048 × 1536 / 1600 × 1200 / 640 × 480 (11M/3:2/6M/3M/2M/03M)
File size	See the table on p.168
Lens	Fujinon 14.3× optical zoom lens F2.8 (Wide-angle)-F5.3 (Telephoto)
Focal length	f=7.1 mm-101.5 mm (Equivalent to approx. 28 mm-400 mm on a 35 mm camera)
Digital zoom	Approx. 2× (14.3× optical zoom lens is used together: Max. zoom scale: approx. 28.6×)
Aperture	F2.8 to F11 (Wide-angle)/ F5.3 to F11 (Telephoto) in 1/3 EV increments Manual/Auto selectable

Focal range (from lens surface)	Normal: Wide-angle: approx. 50 cm (1.6 ft.) to infinity (In High-speed shooting mode: approx. 2.0 m (6.6 ft.) to infinity)
	             Telephoto: approx. 2.5 m (8.2 ft.) to infinity (In High-speed shooting mode: approx. 5.0 m (16.4 ft.) to infinity)
	Macro: Wide-angle: 10 cm to 3.0 m (3.9 in. to 9.8 ft.)
	             Telephoto: 90 cm to 3.0 m (3.0 ft. to 9.8 ft.)
	Super macro: Approx. 1 cm to 1.0 m (0.4 in. to 3.3 ft.)
	             Focal length: fixed to approx. 28 mm (35 mm camera equivalent)

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System	
Sensitivity	[AUTO]/[AUTO(400)]/[AUTO(800)]/[AUTO(1600)]/Equivalent to ISO [100]/[200]/[400]/[800]/[1600]/ [3200]/[6400] (max.number of recorded pixels:⬛)/[10000] (max. number of recorded pixels:⬛) (Standard output sensitivity)
Photometry	TTL 256-zones metering Multi, Spot, Average
Exposure control	Program AE (When using P mode : Program Shift is enabled)/Shutter priority AE/Aperture priority AE/ Manual exposure
Scene position	▲ ([NATURE]) / ▲ˢ ([NATURE SOFT]) / ▲ᵛ ([NATURE VIVID]) / ✳ ([FLOWER]) / ● ([PORTRAIT]) / ●ˢ ([PORTRAIT SOFT]) / ☻ ([BABY MODE]) / ☻ ([PORTRAIT EHNHANCER]) / ☾ ([NIGHT]) / ☲ ([SUNSET]) / ✾ ([SNOW]) / ☳ ([BEACH]) / ☈ ([SPORT]) / ☀ ([FIREWORKS])
Picture Stabilization	Optical Stabilization (Lens Shift)
Intelligent Face Detection	Available
Exposure compensation	−2 EV to +2 EV in 1/3 EV-step increments (FSB, P, S, A)
Shutter speed	AUTO, FSB, ▲, ▲ˢ, ▲ᵛ, ✳, ●, ●ˢ, ☻, ☻, ☲, ✾, ☳, ☈: 1/4 sec. to 1/4000 sec. ☾ : 1/4 sec. to 1/1000 sec. ☀ : 4 sec. to 1/2 sec. P, S, A: 4 sec. to 1/4000 sec. (4 sec. to 1/4000 sec. when suppressed flash is set) M: 30 sec. to 1/4000 sec. bulb (up to 30 sec.)

Continuous shooting	Continuous shooting ([TOP 7 (RAW 3)]):
	    Number of recorded frames: up to 7 frames (approx. 3 frames/sec.)
	High speed continuous shooting ([TOP50 ⬛]):
	    Number of recorded frames: up to 50 frames (approx. 7 frames/sec.)
	Dynamic range bracketing ([DYNAMIC RANGE BKT]):
	    Number of recorded frames: up to 3 frames (100%, 200% or 400%)
	Film simulation bracketing ([FILM SIMULATION BKT]):
	    Number of recorded frames: up to 3 frames ([PROVIA], [Velvia] or [SOFT])
	AE bracketing ([AE BKT]):
	    Number of recorded frames: up to 3 frames (appropriate, over or under setting value)
	Continuous shooting ([LAST 7(RAW 3)]):
	    Number of recorded frames: 7 frames just before releasing shutter button (approx. 3 frames/sec.)
	Long period continuous shooting ([LONG PERIOD]):
	    Number of recorded frames: Depend on memory size. (approx. 1 frame/sec.)

System	
AE bracketing	± 1/3 EV, ± 2/3 EV, ± 1 EV
Focus	Mode: Single AF, Continuous AF, Manual focus AF system: TTL contrast-type, AF-assist illuminator AF frame selection: [CENTER], [MULTI], [AREA]
White balance	Automatic scene recognition/Preset (Fine, Shade, Fluorescent (Daylight), Fluorescent (Warm White), Fluorescent (Cool White), Incandescent) /Custom
Self-timer	Approx. 2 sec./10 sec.
Flash type	Popping the flash up Effective range: (🔟: [AUTO]): Wide-angle: approx. 60 cm-7.2 m (2.0 ft.-23.6 ft.) Telephoto: approx. 2.5 m-3.8 m (8.2 ft.-12.5 ft.) (Macro): Wide-angle: approx. 30 cm-80 cm (1.0 ft.-2.6 ft.) Telephoto: approx. 90 cm-1.3 m (3 ft.-4.3 ft.)
Flash mode	Red-eye removal set to OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro Red-eye removal set to ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro
Viewfinder	0.20 inches, approx. 200,000 dots (Each dot displays all R, G, and B colors consecutively), Approx. 100% coverage
LCD monitor	2.5 inches, Aspect ratio: 4:3; approx. 230,000 dots amorphous silicon TFT color LCD monitor, Approx. 100% coverage
Movie	640 × 480 pixels/320 × 240 pixels (**640**/**320**) (30 frames per second with monaural sound)
Photography functions	Film simulation, Dynamic range, Intelligent face detection, Red eye removal, High-speed shooting, Best framing, Frame No. memory, Histograms
Playback functions	Intelligent face detection, Red-eye removal, Micro thumbnails playback, Trimming, Slide Show, Multi-frame playback, Sorting by date, Image rotate, Histograms (Highlight warning), Voice memo
Other functions	PictBridge, Exif print, Language (日本語, English, Français, Deutsch, Español, Italiano, 中文简, 繁體, 한글, Русский, Português, Nederlands, Türkçe, Česky, Magyar, Polski, Svenska), Time difference

Input/Output Terminal	
A/V OUT (Audio/Visual output)	NTSC/PAL-type (with monaural sound)
Digital input/output	USB 2.0 Hi-Speed, PTP (Picture Transfer Protocol)/MTP (Media Transfer Protocol)
DC input socket	AC Power Adapter AC-84V (sold separately)

Power Supply and Others	
Power supply	Use one of the following: • Rechargeable battery NP-140 (supplied) • AC Power Adapter AC-84V (sold separately)

Guide to the number of available frames for battery operation (fully charged)	Battery Type	With LCD monitor ON	With viewfinder (EVF) ON
	NP-140 (1150 mAh)	Approx. 250 frames	Approx. 250 frames

According to the CIPA (Camera & Imaging Products Association) standard procedure for measuring digital still camera battery consumption (extract):
Use the battery supplied with the camera. The storage media should be **xD-Picture Card**.
Pictures should be taken at a temperature of +23°C (+73°F), 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: Because the number of available shots varies depending on the capacity of battery, the figures shown here for the number of available shots using battery is not guaranteed.
The number of available shots will also decline at low temperatures.

Camera dimensions (W/H/D)	133.4 mm × 93.6 mm × 150.4 mm/5.3 in. × 3.7 in. × 5.9 in. (not including accessories and attachments)
Camera mass (weight)	Approx. 918 g/32 oz. (not including accessories, battery and Memory Card)
Weight for photography	Approx. 968 g/34 oz. (including battery and Memory Card)
Operating Conditions	Temperature: 0°C to +40°C (+32°F to +104°F) 80% humidity or less (no condensation)

Battery NP-140	
Nominal voltage	DC 7.2V
Nominal capacity	1150 mAh
Operating temperature	0°C to +40°C (+32°F to +104°F)
Dimensions	35.5 mm × 56.0 mm × 13.3 mm (1.4 in. × 2.2 in. × 0.5 in.)(W × H × D)
Mass (Weight)	Approx. 47 g (1.5 oz.)

Battery Charger BC-140	
Rated input	100-240 V AC, 50/60 Hz
Input capacity	7.8 W
Rated output	DC 8.4 V, 720 mA
Applicable batteries	Rechargeable Battery NP-140
Charging time	Approx. 2.1 hrs.
Operating temperatures	0°C to + 40°C (+ 32°F to + 104°F)
Dimensions	68 mm × 84 mm × 28 mm (2.7 in. × 3.3 in. × 1.1 in.) (W × H × D)
Mass (Weight)	Approx. 83 g (2.7 oz.) (not including battery)

Notes on Using the Battery Charger

• The battery and battery charger themselves will become warm due to the power stored inside them. This is normal and does not indicate a fault. Wherever possible, use the battery charger in a well-ventilated location.
• There may be vibration noises from inside the battery charger during use. This is normal and does not indicate a fault.
• Do not use the battery charger to charge batteries other than rechargeable battery NP-140.
• The battery charger could cause interference if placed close to a radio during charging. In this event, move the radio and charger further apart.
• Do not leave the battery charger in the following types of locations:
  • Extremely humidity or high temperatures, such as close to a heating appliance or in direct sunlight
  • Places with strong vibration
  • In very dusty places
• The battery charger accepts input voltages of 100-240 V AC at 50 or 60 Hz and can be used all over the world. However, the shape of the plug and socket-outlet depends on the country of use. Consult your travel agent for details.

■ **Standard number of available frames/recording time per xD-Picture Card, SD Memory Card and internal memory**

The number of available frames and recording time is approximate. Actual number of frames and recording time varies depending on the types of Memory Card or shooting condition. Also, the number of frames and recording time displayed in the LCD monitor may not decrease regularly.

Quality setting		🔟 F	🔟 N	3:2	6M	3M	2M	03M	RAW	640 (30 fps)	320 (30 fps)
Number of recorded pixels		3840 × 2880		4032 × 2688	2816 × 2112	2048 × 1536	1600 × 1200	640 × 480	– *1	640 × 480	320 × 240
Image data size		5.4 MB	2.7 MB	2.7 MB	1490 KB	800 KB	650 KB	150 KB	23.2 MB	–	–
Internal memory (approx. 25 MB)		4	8	9	16	31	38	170	1	21 sec.	43 sec.
xD-Picture Card	16 MB	2	5	5	10	19	23	98	0	13 sec.	27 sec.
	32 MB	5	11	11	21	38	48	198	1	27 sec.	54 sec.
	64 MB	11	23	23	42	77	96	398	2	55 sec.	1.8 min.
	128 MB	23	46	47	85	156	194	798	5	1.8 min.	3.6 min.
	256 MB	46	93	94	171	313	389	1597	11	3.7 min.	7.3 min.
	512 MB	93	186	189	343	626	779	3194	22	7.4 min.	14.7 min.
	1 GB	187	373	380	687	1253	1559	6396	44	14.9 min.	29.5 min.
	2 GB	376	743	761	1360	2460	3046	12794	88	29.9 min.	59.1 min.
SD Memory Card	512 MB	90	180	183	332	606	754	3093	21	7.2 min.	14.3 min.
	1 GB	181	362	368	666	1214	1511	6196	42	14.5 min.	28.6 min.
	2 GB	364	720	737	1319	2384	2952	12401	85	29.0 min.	57.3 min.
SDHC Memory Card	4 GB	729	1442	1477	2640	4772	5909	24819	171	58.1 min.*2	114.8 min.*2
	8 GB	1464	2895	2964	5298	9577	11858	49805	343	116.6 min.*2	230.4 min.*2

*1 The number of recorded pixels is 5440 × 4080 when an image is displayed on your computer using the bundled software.
*2 A movie recording will stop automatically when a movie file becomes approx. 2GB. If you want to continue recording another movie, press the shutter button again. The available recording time is displayed based on approx. 2GB.

If you shoot using the **xD-Picture Card**s with model numbers containing "M" such as DPC-M1GB, movie recording time may be reduced if you repeatedly record and erase (frame erase) image files. In such a case, erase all frames or format the **xD-Picture Card** before use. Back up important frames (files) onto your PC or another media.

∗ 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

Deactivated batteries
Leaving an Ni-MH battery unused in storage for a long period may cause a rise in the level of substances that inhibit current flow inside the battery and result in a dormant battery. A battery in this state is referred to as deactivated.
Because current flow is inhibited in a deactivated Ni-MH battery, the battery's original level of performance cannot be achieved.

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 Photographic 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.

Memory effect
If an Ni-MH battery is repeatedly charged without first being fully discharged, its performance may drop below its original level. This is referred to as the "memory effect".

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.

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.

FUJIFILM Digital Camera Worldwide Network

If you have technical questions or if you need repair service, ask the following local distributor.
Please present the warranty card and your purchase receipt when you ask for repairs. Refer to the warranty card for conditions of the warranty.
There is a case that repair and Technical support cannot be accepted for some models which your local distributor does not deal with.
These lists are subject to change without notice.

NORTH AMERICA		
Canada	**FUJIFILM Canada Inc.** Technical support	600 Suffolk Court Mississauga Ontario, L5R 4G4 TEL 1-866-818-FUJI (3854) http://www.fujihelp.ca
	Repair service	600 Suffolk Court Mississauga Ontario, L5R 4G4 TEL 1-800-263-5018 FAX 1-905-755-2993 http://www.fujihelp.ca
U.S.A.	**FUJIFILM U.S.A., Inc.** Technical support	1100 King George Post Rd., Edison, NJ 08837 TEL 800-800-3854 FAX 732-857-3487 digitalinfo@fujifilm.com
	Repair service	1100 King George Post Rd., Edison, NJ 08837 TEL 732-857-3000 FAX 732-857-3471 njcamerarepair@fujifilm.com

CENTRAL & SOUTH AMERICA		
Argentina	**Imagen e informacion S.A.** Technical support & Repair service	Fondo de la Legua 936 San Isidro Pcia. de Buenos Aires TEL +54-11-4836-1000 FAX +54-11-4836-1144 servtec@imageneinformacion.com.ar
Bolivia	**Reifschneider Bolivia Ltda.** Technical support & Repair service	Calle H N.° 5 - Equipetrol Norte - Santa Cruz TEL +591 33 44 1129 FAX +591 33 45 2919 gciagral@bibosi.scz.entelnet.bo
Brazil	**FUJIFILM do Brasil Ltda.** Technical support & Repair service	Av. Vereador José Diniz, 3400 - Campo Belo, Sào Paulo/SP TEL 0800-12-8600 FAX +55 11 5091-4150 camarasdigitais@fujifilm.com.br
Chile	**Reifschneider SA** Technical support & Repair service	Av. El Conquistador del Monte 5024, Huechuraba, Santiago, Chile TEL 02-4431500 FAX 02-4431596 ceciliacalvo@reifschneider.cl
Colombia	**Animex de Colombia Ltda.** Technical support & Repair service	Calle 44 N.° 13-43 Piso 2 Apartado 18001 - Bogotá TEL +57 1 338-0299 FAX +57 1 288-2208 animex@etb.net.co
Ecuador	**Espacri Cia Ltda** Technical support & Repair service	Bolivar 5-69 y Hermano Miguel TEL 593-72-835526 FAX 593-72-833157
Ecuador	**Importaciones Espacri Cia. Ltda.** Technical support & Repair service	Simón Bolivar 5-69 y Hno. Miguel - Cuenca TEL +593 783 5526 FAX +593 783 3157 portiz@fujifilm.com.ec
Mexico	**Fujifilm de Mexico, S.A. de C.V.** Technical support	Av. Ejercito Nacional 351, Col. Granada 11520 Mexico, D.F. TEL (52-55) 5263-5566 / 68 FAX (52-55) 5254-1508 jlgiraud1@fujifilm.com.mx
	Repair service	Av. Presidente Juarez 2007, Col. Tepetlacalco, 54090 Tlalnepantla, Edo. de Mexico TEL (52-55) 5263-5500 FAX (52-55) 5254-1508 jlgiraud1@fujifilm.com.mx

Paraguay	**Errece S.R.L.** Technical support & Repair service	Edificio Unitas 15 de Agosto 1035, Asunción TEL +595 21 444256 FAX +595 21 444651 jmarbulo@fujifilm.com.py
Peru	**Procesos de Color S.A.** Technical support & Repair service	Pablo Bermudez 111 Apartado 3794 - Esq. Arequipa - Lima 11 TEL +51 14 33 5563 FAX +51 14 33 7177 jalvarado@fujifilm.com.pe
Uruguay	**Fotocamara S.R.L.** Technical support & Repair service	Cuareim 1439, montevideo, Uruguay TEL +598-2-9002004 FAX +598-2-9008430 fotocam@adinet.com.uy
Uruguay	**Kiel S.A.** Technical support & Repair service	Maldonado 1787 Montevideo- Uruguay TEL (05982) 419 4542 FAX (05982) 412 0046 kiel@fujifilm.com.uy
Venezuela	**C. Hellmund & Cia Sa** Technical support & Repair service	Av. Ppal Diego Cisneros Caracas Venezuela Edf Oficentro TEL 0212-2022300 FAX 0212-2399796 hellmund@hellmund.com

EUROPE		
Austria	**Fuji Film Oesterreich** Technical support & Repair service	Traviatagasse/Pfarrgasse, 1230 Vienna, Austria TEL 0043 1 6162606/51 or 52 FAX 0043 1 6162606/58 kamera.service@fujifilm.at
Belgium	**Belgian Fuji Agency** Technical support & Repair service	20, Avenue Lavoisier, Wavre, 1300, Belgium TEL 3210242090 FAX 3210238562 info@fuji.be
Croatia	**I&I d.o.o.** Technical support	Hondlova 2, Zagreb, Croatia TEL 38512319060 FAX 2310240 dsaravanja@fujifilm.hr
	Repair service	Hondlova 2, Zagreb, Croatia TEL 38512316228 FAX 2310240 info@fujifilm.hr
Cyprus	**PMS IMAGING LTD** Technical support & Repair service	11, Dighenis Akritas Avenue, P.O.BOX 22315, 1586 Nicosia TEL 35722746746 FAX 35722438209 mariosashiotis@fujifilm.com.cy
Cyprus	**Doros Neophytou** **CAMERA REPAIRS** Technical support & Repair service	28B, Agiou Demetriou, Acropoli, Nicosia TEL 35722314719 FAX 35722515562 dorosn@logosnet.cy.net
Czech Republic	**Fujifilm Cz., s.r.o.** Technical support	U nakladoveho nadrazi 2/1949, 130 00 Praha 3 TEL 00420 234 703 411 FAX 00420 234 703 489 fricman@fujifilm.cz
Czech Republic	**AWH servis** Repair service	Milesovska 1, 130 00 Praha 3, Czech republic TEL 00420 222 721 525 FAX 00420 222 720 122 awh@awh.cz
Denmark	**Fujifilm Danmark A/S** Technical support & Repair service	Stubbeled 2, 2950 Vedbæk Denmark TEL 0045 45662244 FAX 0045 45662214 fujifilm@fujifilm.dk
Finland	**Fuji Finland Oy** Technical support & Repair service	Martinkyläntie 41, 01720 Vantaa, Finland TEL +358 9 825951 FAX +358 9 870 3818 fuji@fuji.fi
France	**FUJIFILM France** Technical support & Repair service	**9 rue d'Alembert BAT A1 ZA Pissaloup 78190 Trappes, France** FAX 33 1 01 30 58 58 65direction.technique@pm2s.fr

Germany	**FUJIFILM Electronic Imaging Europe GmbH** Technical support & Repair service	Benzstrasse 2, 47533 Kleve, Germany International call TEL +49 211 50890 FAX +49 211 5089668 service@fujifilm.de National call* TEL 0180 5898980 FAX 0180 5898982 *12 Cent/Min aus dem deutschen Festnetz
Greece	**FUJIFILM HELLAS S.A.** Technical support & Repair service	1, Ihous & Ag. Anargiron str., 175 64 P.Phaliro, Athens, Greece TEL 0030 210 9404100 FAX 0030 210 9404397 fujifilm@fujifilm.gr
Hungary	**Fujifilm Hungary Ltd.** Technical support	Vaci ut 19. Budapest, 1134, Hungary TEL 3612389410 FAX 3612389401 fujifilm@fujifilm.hu
Iceland	**Icephoto (Ljosmyndavorur)** Technical support & Repair service	Skipholt 31, 105 Reykjavik, Iceland TEL 354 568 0450 FAX 354 568 0455 framkollun@fujifilm.is
Italy	**FujiFilm Italia S.p.A.** Technical support	Via Dell'Unione Europea, 4 - 20097 San Donato Milanese (MI), Italy TEL 039-02895821 FAX 039-0289582912 info@fujifilm.it
	Repair service	Fujifilm On Line - Call center TEL 039-026695272 info@fujifilm.it
Lithuania	**Fujifilm Lithuania** Technical support & Repair service	Gerosios Vilties str. 38, LT-03143 Vilnius, Lithuania TEL 370-5-2130121 FAX 3705-5-2134066 info@fujifilm.lt
Malta	**Ciancio (1913) Co.Ltd.** Technical support & Repair service	Fuji Tech Centre, Ciancio House, Cannon Road, Qormi, QRM05 TEL 0356-21-480500 FAX 0356-21-488328 info@fujifilm.com.mt
Norway	**Fujifilm Norge AS** Technical support	Lilleakerveien 10, 0283 Oslo, Norway TEL 0047-02273 FAX 0047-22736020 http://www.fujifilm.no/ mailto:post@fujifilm.no
	Repair service	Liaveien 1, 5132 Nyborg, Norway TEL 0047-55393880 FAX 0047-55195201 http://www.camera.no/ mailto:service@camera.no
Poland	**Fujifilm Polska Distribution Sp. z o.o.** Technical support	Poland Al..Jerozolimskie 178; 02-486 Warszawa TEL +48-22-517-66-00 FAX +48-22-517-66-02 fujifilm@fujifilm.pl
	Repair service	Poland, Muszkieterow 15, 02-273 Warszawa TEL +48-22-886-94-40 FAX +48-22-886-94-42 serwis@fujifilm.pl
Portugal	**Fujifilm Portugal, Lda** Technical support	Av. Fontes Pereira de Melo, 342, 4100-259 Porto, Portugal TEL (351) 226194200 FAX (351) 226194213 finepix@fujifilm.pt
	Repair service	Av. Fontes Pereira de Melo, 342, 4100-259 Porto, Portugal TEL (351) 226194200 FAX (351) 225194662 cameras@fujifilm.pt
Romania	**CTS-Cardinal Top Systems Ltd** Technical support & Repair service	112, Calea Dorobanti street, 4 flat, 1sector, Bucharest, Romania TEL 4021-230-09-82 FAX 4021-230-09-82 cts_tirla@hotmail.com

Russia	**ZAO "Fujifilm RU"** Technical support	Bld. 1, 10, Rozanova str., Moscow, 123007, Russia TEL +7-495-956-98-58 FAX +7-495-230-62-17 info@fujifilm.ru
	Repair service	www.fujifilm.ru TEL +7-495-956-98-58
Slovakia	**Fujifilm Slovakia** Technical support	Pribylinska 2, 831 04 Bratislava, Slovakia TEL 00421 2 44 888 077 FAX 00421 2 44 889 300 fujifilm@fujifilm.sk
	Repair service	FIS Tatracentrum, Hodzovo nam. 4 - Tatracentrum, 811 06 Bratislava, Slovakia TEL 00421 2 54 647 347 fis.tatracentrum@stonline.sk
Spain	**Fujifilm España S.A.** Technical support	Aragón 180, 08011 Barcelona (España) TEL 902012535 FAX 934515900 / 933230330 info@fujifilm.es
	Repair service	Aragón 180, 08011 Barcelona (España) TEL 934511515 FAX 934515900 / 933230330 tallersat@fujifilm.es
Sweden	**Fujifilm Sverige AB** Technical support	Sveavägen 167 104 35 Stockholm TEL 46 8 506 141 70 FAX 46 8 506 142 09 kamera@fujifilm.se
	Repair service	Sveavägen 167 104 35 Stockholm TEL 46 8 506 513 54 FAX 46 8 506 513 99 kameraverkstaden@fujifilm.se
Switzerland / Lichtenstein	**Fujifilm (Switzerland) AG** Technical support & Repair service	Niederhaslistrasse 12, 8157 Dietlikon, Switzerland TEL +41 44 855 5154 FAX +41 44 855 5329 RepairCenter@fujifilm.ch
The Netherlands	**FUJIFILM Electronic Imaging Nederland** Technical support	Hoogstraat 35, 3011 PE Rotterdam, Nederlands TEL +31(0)102812500 FAX +31(0)102812560 helpdesk@fujifilm-digital.nl
	Repair service	Hoogstraat 35, 3011 PE Rotterdam, Nederlands TEL +31(0)102812520 FAX +31(0)102812550 camerareparaties@fujifilm-digital.nl
Turkey	**Fujifilm Turkiye Sinfo A.S.** Technical support	Fujifilm Plaza, Dereboyu Cad. 39 34660 Halkali, Istanbul, Turkey TEL +90 212 696 5090 FAX +90 212 696 5009 csarp@fujifilm.com.tr
	Repair service	Fujifilm Plaza, Dereboyu Cad. 39 34660 Halkali, Istanbul, Turkey TEL +90 212 696 5090 FAX +90 212 696 5010 servis@fujifilm.com.tr
U.K.	**FUJIFILM UK Ltd.** Technical support	St Martins Way St Martins Business Centre Bedford MK42 0LF TEL +44 (0)123 424 5383 FAX +44 (0)123 424 5285 fujitec@fuji.co.uk
	Repair service	St Martins Way St Martins Business Centre Bedford MK42 0LF TEL +44 (0)123 421 8388 FAX +44 (0)123 424 5285 fujitec@fuji.co.uk
Ukraine	**Image Ukraine CJSC** Technical support & Repair service	12, Kontraktova ploshcha, Kyiv 04070, Ukraine TEL +380-44-4909075 FAX +380-44-4909076 d@fujifilm.ua

MIDDLE EAST		
Iran	**Tehran Fuka Co.** Technical support & Repair service	229,"Fuji" Bldg., Mirdamad Blvd., Tehran 19189, Iran TEL (+98-21)2254810-19 FAX (+98-21)2221002 fuka@neda.net
Israel	**Shimone Group Ltd.** Technical support	Efal 33 keyriat Arie Petah Tikva 49130, Israel TEL (+) 972 3 9250666 digital@fujifilm.co.il
	Repair service	Efal 33 keyriat Arie Petah Tikva 49130, Israel TEL (+) 972 3 9250666 FAX 972 3 9250699 khaim@shimone.com
Jordan	**Grand Stores** Technical support & Repair service	Al- Abdali, Amman / Jordan TEL 009626-4646387 FAX 009626-4647542 gstores@go.com.jo
Qatar	**Techno Blue** Technical support	Blue Salon Bldg, 3rd Floor, Suhaim bin Hamad st, Al- Saad, Doha TEL 00974 44 66 175 FAX 00974 44 79 053 prabu@techno-blue.com
Saudi Arabia	**Emam Distribution Co. Ltd.** Technical support	P.O. Box 1716, Jeddah 21441, Saudi Arabia TEL 96626978756 FAX 96626917036 service@fujifilm.com.sa
Syria	**Film Trading Company** Technical support	Al-Shahbandar P.O. Box:31180 Damascus SYRIA TEL + 963 11 2218049 FAX + 963 11 44673456 f.t.c@Net.SY
	Repair service	Al-cheikh Taha P.O. Box: 6171 Aleppo SYRIA TEL + 963 21 4641903 FAX + 963 21 4641907 filmtradin@Net.SY
U.A.E.	**Grand Stores** Technical support & Repair service	P. O. Box 2144, Saleh Bin Lahej Building, Al Garhoud, Deira, Dubai TEL + 971-4-2823700 FAX + 971-4-2828382 photography@grandstores.ae
Yemen	**Al-Haidary Trading** Technical support	P.O.Box-2942 Haddah St. HTC, Sana'a, Yemen TEL 00967-1-503980 FAX 00967-1-503983
	Repair service	P.O.Box-2942 Haddah St. HTC, Sana'a, Yemen TEL 00967-1-503977 FAX 00967-1-503983
AFRICA		
Egypt	**Foto Express Egypt** Technical support & Repair service	426 Pyramids St., Giza, Egypt TEL (202) 7762062 FAX (202) 7760169 fotoegypt@access.com.eg
Kenya	**Fuji Kenya Ltd** Repair service	P.O.Box 41669-00100, Fuji Plaza, Chiromo Road, Nairobi, Kenya. TEL (254-20)4446265-8 FAX (254-20)4448515 / 7 info@fujifilm.co.ke
OCEANIA		
Australia	**FUJIFILM Australia Pty Ltd** Technical support & Repair service	Locked Bag 5100, Brookvale, NSW, 2100 TEL 1800 226 355 FAX +61 (2) 9466 2854 digital@fujifilm.com.au
Fiji	**Brijlal & Co. Ltd** Technical support & Repair service	70-72 Cumming Street,Suva,Fiji TEL (679)3304133 FAX (679)3302777 kapadia@connect.com.fj
New Caledonia	**Phocidis SARL** Technical support & Repair service	58, rue Higginson - B.P.661 - 98845 TEL (00 687) 25-46-35 FAX (00 687) 28-66-70 phocidis@phocidis.nc

New Zealand	**Fujifilm NZ Ltd** Technical support & Repair service	Cnr William Pickering & Bush Road Albany, Auckland TEL +64-9-4140400 FAX +64-9-4140410 glenn.beaumont@fujifilm.co.nz
Papua New Guinea	**Oceania PNG Limited** Technical support	Section 15, Allotment 1, Reke St, Boroko NCD. PNG. Mail: PO Box 2167, Boroko NCD. PNG. TEL +675 3256411 FAX +675 3250311 oceania@daltron.com.pg

ASIA

Hong Kong	**Fuji Photo Products Co., Ltd.** Technical support & Repair service	8/F.,TSUEN WAN IND. CENTRE, 220 TEXACO RD., TSUEN WAN, HONG KONG TEL (852)2406 3287 FAX (852)2408 3130 rsd@chinahkphoto.com.hk
Indonesia	**PT Modern Photo Tbk** Technical support & Repair service	Jl.Matraman Raya 12, Jakarta Timur 13150 TEL +62 021 2801000 FAX +62 021 8581620+62 021 2801012 assd_kmr@modernphoto.co.id
Malaysia	**FUJIFILM (Malaysia)** **Sdn. Bhd.** Technical support	Letter Box 1, Level 10, 11 & 12, Menara Axis, No 2, Jalan 51A/223, 46100 Petaling Jaya, Selangor Darul Ehsan, Malaysia TEL 603-79584700 FAX 603-79584110 digital@fujifilm.com.my
	Repair service	Letter Box 1, Level 10, 11 & 12, Menara Axis, No 2, Jalan 51A/223, 46100 Petaling Jaya, Selangor Darul Ehsan, Malaysia TEL 603-79584700 FAX 603-79584110 technical@fujifilm.com.my
Philippines	**YKL Development & Trdg. Corp.** Technical support	24 Sto. Domingo St., Quezon City 1100, Philippines TEL 632-7436601~06 FAX 632-7324661 digital@yklcolor.com
	Repair service	24 Sto. Domingo St., Quezon City 1100, Philippines TEL 632-7436601~06 FAX 632-7324661 tech_services@yklcolor.com
Singapore	**FUJIFILM (Singapore) Pte Ltd** Technical support & Repair service	10 New Industrial Road Fujifilm Building Singapore 536201 TEL 65-6380 5557 FAX 65-6281 3594 service@fujifilm.com.sg
South Korea	**Korea Fujifilm Co., Ltd.** Technical support	30-1, Mukjeung-dong, Jung-gu, Seoul, Korea TEL +82-2-3282-7363 FAX +82-2-2269-7435 photo@fujifilm.co.kr
South Korea	**Yonsan AS Center (Fujidigital)** Repair service	#301, 3F, Jeonjaland, 16-9, Hangangro3-ga, Yongsan-gu, Seoul, Korea TEL +82-2-701-1472 FAX +82-2-718-1331 1bowl@hanmail.net
South Korea	**Kangnam AS Center (Digitalgallery)** Repair service	2F, Hyeongin Tower, 23-2, Bangyi-dong, Songpa-gu, Seoul, Korea TEL +82-2-2203-1472 FAX +82-2-418-5572 nurijili@hanmail.net
South Korea	**Busan AS Center (Digital-Sewon)** Repair service	241-4, Bujeon-dong, Busanjin-gu, Busan, Korea TEL +82-51-806-1472 FAX +82-51-817-0083 merahan@yahoo.co.kr
Taiwan	**Hung Chong Corp.** Technical support & Repair service	No. 38, Min-Chuan E. Rd. Sec. 6, Taipei (114), Taiwan, R.O.C. TEL 886-2-6602-8988 FAX 886-2-2791-8647 dah@mail.hungchong.com.tw
Thailand	**FUJIFILM (Thailand) Ltd.** Technical support	388 SP Building, 8th Floor, Phayathai, Bangkok 10400 TEL +662-2730029 ext. 755 FAX +662-2730239 supaleark@fujifilm.co.th
	Repair service	388 SP Building, 8th Floor, Phayathai, Bangkok 10400 TEL +662-2730029 ext.761,762 FAX +662-2730239 warin@fujifilm.co.th

Vietnam	**International Minh Viet Co., Ltd.** Technical support & Repair service	99-107 Bach Van street, Ward 5, District 5, Ho chi minh city TEL +84-8-8366807 ext.122 FAX +84-8-8380621 diep.phanthithanh@imv.com.vn

Memo

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http://www.fujifilm.com/products/digital_cameras/index.html

IMPORTANT SAFETY INSTRUCTIONS

Read Instructions:
All the safety and operating instructions should be read before the appliance is operated.

Retain Instructions:
The safety and operating instructions should be retained for future reference.

Heed Warnings:
All warnings on the appliance and in the operating instructions should be adhered to.

Follow Instructions:
All operating and use instructions should be followed.

Installation

Power Sources—This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.

Grounding or Polarization—This video product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Alternate Warnings—This video product is equipped with a 3-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

Overloading—Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

Ventilation—Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating, and these openings must not be blocked or covered.
The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface.
This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
This video product should never be placed near or over a radiator or heat register.

Attachments—Do not use attachments not recommended by the video product manufacturer as they may cause hazards.

Water and Moisture—Do not use this video product near water – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

Power-Cord Protection—Power-Supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Accessories—Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
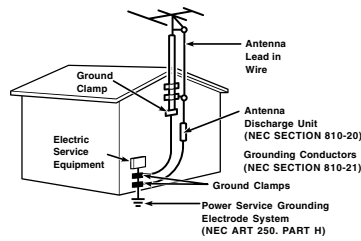
Antennas

Outdoor Antenna Grounding—If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antennadischarge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Power Lines—An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

- Antenna Lead in Wire
- Ground Clamp
- Antenna Discharge Unit (NEC SECTION 810-20)
- Electric Service Equipment
- Grounding Conductors (NEC SECTION 810-21)
- Ground Clamps
- Power Service Grounding Electrode System (NEC ART 250. PART H)

Use

Cleaning—Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Object and Liquid Entry—Never push objects of any kind into this video product through openings as they may touch dangerous voltage points or shortout parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.

Lightning—For added protection for this video product receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power-line surges.

Service

Servicing—Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service—Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
When the power-supply cord or plug is damaged.
If liquid has been spilled, or objects have fallen into the video product.
If the video product has been exposed to rain or water.
If the video product has been dropped or the cabinet has been damaged.
If the video product does not operate normally be following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.

When the video product exhibits a distinct change in performance - this indicates a need for service.

Replacement Parts—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

Safety Check—Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

Before Using the Camera

Read the back side before using the camera.

■ 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.
- FUJIFILM Corporation cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

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

■ Handling Your Digital Camera
To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

■ 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.

■ Trademark Information
- and **xD-Picture Card™** are trademarks of FUJIFILM Corporation.
- IBM PC/AT is a registered trademark of International Business Machines Corp. of the U.S.A.
- Macintosh, Power Macintosh, iMac, PowerBook, iBook and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.
- Microsoft, Windows, the Windows logo, Windows Vista and the Windows Vista 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.
- IrSimple™ Trademark is owned by the Infrared Data Association®.
- IrSS™ Trademark or IrSimpleShot™ Trademark is owned by the Infrared Data Association®.
- SDHC logo is a trademark.
- Other company or product names are trademarks or registered trademarks of the respective companies.

■ 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.

■ 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.
* See "Using Your Camera Correctly" (→OWNER'S MANUAL) for more information.

⇒ **Also, read the back page.**

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http://www.fujifilm.com/products/digital_cameras/index.html

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Safety Notes

- Make sure that you use your camera correctly. Read these Safety Notes and your Owner's Manual carefully before use.
- 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 with the indicator.
🚫

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.
🚫

⚠ WARNING

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 an emergency number right away.
🚫

Do not use the charger to charge batteries other than those specified here.
The Ni-MH battery charger is designed for Fujifilm HR-AA Ni-MH batteries. Using the charger to charge conventional batteries or other types of rechargeable batteries can cause the battery to leak fluid, overheat or burst.
🚫

When carrying the battery, install it in a digital camera or keep it in the hard case.
When storing the battery, keep it in the hard case.
When discarding, cover the battery terminals with insulation tape.
Contact with other metallic objects or battery could cause the battery to ignite or burst.
❗

Keep Memory Cards out of the reach of small children.
Because Memory Cards are small, they can be swallowed by children. Be sure to store Memory Cards out of the reach of small children. If a child swallows a Memory Card, seek medical attention or call an 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 photographing infants and young 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.
⚠

Power Supply and Battery
* Confirm your battery type before reading the following descriptions.

The following explains proper use of batteries and how to prolong their life. Incorrect use of batteries can cause shorter battery life, as well as leakage, excessive heat, fire or explosion.

1 Camera uses the Rechargeable Lithium-ion Battery

* When shipped, the battery is not fully charged. Always charge the battery before using it.
* When carrying the battery, install it in a digital camera or keep it in the soft case.

■ Battery Features
- The battery gradually loses its charge even when not used. Use a battery that has been charged recently (in the last day or two) to take pictures.
- To maximize the life of the battery, 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 battery. You can also increase the amount of power produced by putting the battery in your pocket or another warm place to heat it and then loading it into the camera just before you take a picture.
If you are using a heating pad, take care not to place the battery directly against the pad. The camera may not operate if you use a depleted battery in cold conditions.

■ Charging the Battery
- You can charge the battery using the battery charger (included).
  - The battery can be charged at ambient temperatures between 0°C and +40°C (+32°F and +104°F). Refer to the OWNER'S MANUAL for the time of charging battery.
  - You should charge the battery at an ambient temperature between +10°C and +35°C (+50°F and +95°F). If you charge the battery at a temperature outside this range, charging takes longer because the performance of the battery is impaired.
  - You cannot charge the battery at temperatures of 0°C (+32°F) or below.
- The Rechargeable Lithium-ion Battery does not need to be fully discharged or exhausted flat before being charged.
- The battery may feel warm after it has been charged or immediately after being used. This is perfectly normal.
- Do not recharge a fully charged battery.

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

■ Notes on storage
- If a battery 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 battery from the camera.
- Store the battery in a cool place.
  - The battery should be stored in a dry location with an ambient temperature between +15°C and +25°C (+59°F and +77°F).
  - Do not leave the battery in hot or extremely cold places.

■ Handling the Battery
Cautions for Your Safety:
- 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 than those specified.
- Dispose of used battery promptly.
- Do not drop the battery or otherwise subject it to strong impacts.
- Do not expose the battery to water.
- Always keep the battery terminals clean.
- Do not store batteries in hot places. Also, 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 if you are taking pictures or viewing images for a long period of time.

2 Camera uses AA-size alkaline or Ni-MH (nickelmetal hydride) rechargeable batteries

■ Applicable Batteries
- In the camera, use AA-size alkaline or Ni-MH (nickelmetal hydride) rechargeable batteries.
Do not use AA-size manganese, nickel-cadmium (Ni-Cd) or lithium batteries in your camera because the heat created by the batteries could damage the camera or cause it not to work.
- The life of alkaline batteries varies between brands. The life of batteries you purchase may be shorter than those provided with the camera.

■ Cautions for Using Battey
- Do not heat the batteries or throw them into a fire.
- Do not carry or store batteries with metal objects such as necklaces or hairpins.
- Do not expose the batteries to water, and keep batteries from getting wet or stored in moist locations.
- Do not attempt to take apart or change the batteries, including battery casings.
- Do not subject the batteries to strong impacts.
- Do not use batteries that are leaking, deformed, discolored.
- Do not store batteries in warm or humid places.
- Keep the batteries out of reach of babies and small children.
- Make sure that the battery polarity ($\oplus$ and $\ominus$) is correct.
- Do not use new with used batteries. Do not use charged and discharged batteries together.
- Do not use different types or brands of batteries at the same time.
- If you do not intend to use the camera for a long period of time, remove the batteries from the camera. Note if the camera is left with the batteries removed, the time and date settings are cleared.
- The batteries feel warm right after being used. Before removing the batteries, turn the camera off and wait for the batteries to cool down.
- Since batteries do not work well in cold weather or locations, warm the batteries by placing them inside your garments before use. Batteries do not work well when cold. They will work again when the temperature returns to normal.
- Soil (such as fingerprints) on the battery terminals makes the batteries charge less reducing the number of images. Carefully wipe the battery terminals with a soft dry cloth before loading.

⚠ If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.

⚠ If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.

■ Using the AA-size Ni-MH batteries correctly
- Ni-MH batteries left unused in storage for long periods can become "deactivated". Also, repeatedly charging Ni-MH batteries that are only partially discharged can cause them to suffer from the "memory effect". Ni-MH batteries that are "deactivated" or affected by "memory" suffer from the problem of only providing power for a short time after being charged. To prevent this problem, discharge and recharge them several times using the camera's "Discharging rechargeable batteries" function.
Deactivation and memory are specific to Ni-MH batteries and are not in fact battery faults.
See OWNER'S MANUAL for the procedure for "Discharging rechargeable batteries".

⚠ CAUTION Do not use the "Discharging rechargeable batteries" function when alkaline batteries being used.

- To charge Ni-MH batteries, use the quick battery charger (sold separately). Refer to the instructions supplied with the charger to make sure that the charger is used correctly.
- Do not use the battery charger to charge other batteries.
- Note that the batteries feel warm after being charged.
- Due to the way the camera is constructed, a small amount of current is used even when the camera is turned off. Note in particular that leaving Ni-MH batteries in the camera for a long period will overdischarge the batteries and may render them unusable even after recharging.
- Ni-MH batteries will self-discharge even when not used, and the time for which they can be used may be shortened as a result.
- Ni-MH batteries will deteriorate rapidly if overdischarged (e.g. by discharging the batteries in a flashlight). Use the "Discharging rechargeable batteries" function provided in the camera to discharge the batteries.
- Ni-MH batteries have a limited service life. If a battery can only be used for a short time even after repeated discharge-charge cycles, it may have reached the end of its service life.

■ Disposing of Batteries
- When disposing of batteries, do so in accordance with your local waste disposal regulations.

3 Notes on both models (1, 2)

■ AC Power Adapter
Always use the AC Power Adapter (sold separately) with the camera. The use of an AC Power adapter other than FUJIFILM AC Power Adapter (sold separately) can be damaged to your digital camera. For details on the AC power adapter, refer to the OWNER'S MANUAL of your camera.
- Use the AC power adapter for indoor use only.
- Plug the connection cord plug securely into the DC input terminal.
- Turn off the FUJIFILM Digital camera before disconnecting the cord from the 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. 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 hot and humid place.
- Do not subject the AC power adapter to strong shocks.
- The AC power adapter may emit a humming. 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.