



DIGITAL CAMERA

FinePix F401



OWNER'S MANUAL

This manual will show you how to use your FUJIFILM DIGITAL CAMERA FinePix F401 correctly. Please follow the instructions carefully.




digital
Tools for the Photographers.
Exif Print


- 1 Getting Ready
- 2 Basic Photography
- 3 Advanced Features Photography
- 4 Advanced Features Playback
- 5 Settings
- 6 Connection


BL00156-200 (1) **E**

Warning

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

 CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
The graphical symbols are located on the bottom of the case.

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

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

For customers in the U.S.A.

FCC Statement

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

CAUTION

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

Notes on the Grant:

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

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (→ p. 108) and make sure you understand them before using the camera.

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Preface

- **Test Shots Prior to Photography**
For particularly important photographs (such as weddings and overseas trips), always take a test photograph and view the image to make sure that the camera is functioning normally.
- **Fuji Photo Film Co., Ltd. cannot accept liability for any accidental 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 stated only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.
- **Liquid Crystal**
If the LCD monitor or display panel is damaged, take particular care with the liquid crystal in the monitor or panel. If any of the following situations arise, take the urgent action indicated.
 - If liquid crystal comes in contact with your skin
Wipe the area with a cloth and then wash thoroughly with running water and soap.
 - If liquid crystal gets into your eye
Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.

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

■ Notes on Electrical Interference

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

■ Handling Your Digital Camera

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

■ Trademark Information

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

Camera Features and Accessories

Camera Features

- 2.1 million effective pixels
- 1/2.7-inch Super CCD provides high quality images with 2204 × 1728 (1.98 million) recorded pixels
- High-performance 3× optical zoom
- Compact and lightweight aluminum-magnesium alloy body
- Quick, responsive operation with a 2.5-second startup and 1.3 seconds between shots
- Auto focus with macro function
- Manual photography mode lets you set your own photography settings
- High-visibility photography (H) mode only
- Image checking function automatically plays back the image for about 2 seconds after you take a picture.
- Playback zoom function (up to 14.4×)
- Maximum 4.4× stainless digital zoom
- Continuous shooting function
- Move shooting function (with sound)
- Voice Memo function for easy photography information recording
- 1.5-inches 114,000-pixels low temperature polysilicon TFT LCD monitor
- Recharge or connect to your PC simply by placing the FinePix F401 in its cradle (sold separately)
- Easy high-speed image file transfer via the USB connection
- Conforms to "Design for Camera File system" standard and Exif ver 2.2 for digital cameras
- *Design for Camera File system* standard and Exif format are formulated by the Japanese Electronic and Information Association (JEITA)

Accessories

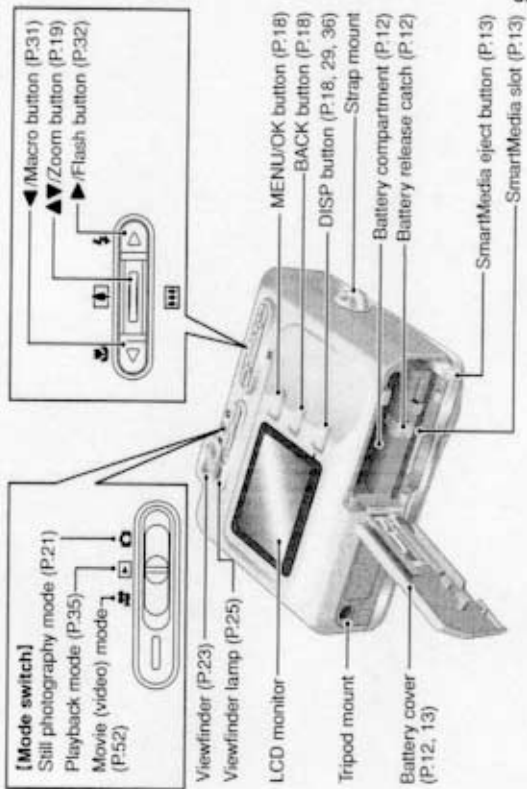
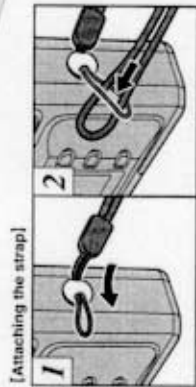
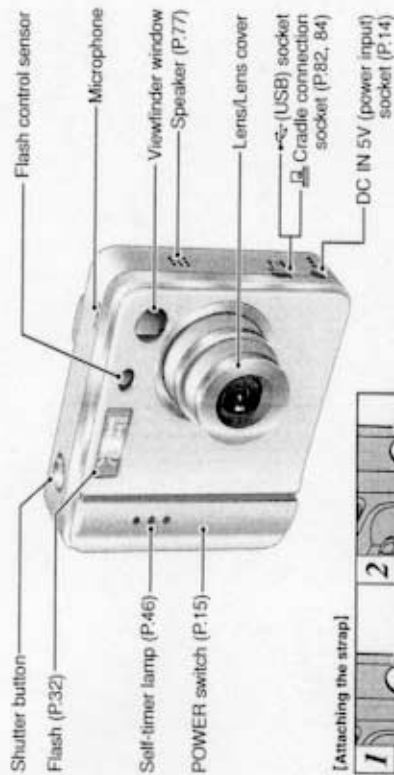
- **SmartMedia (16MB, 3.3V) (1)**
Supplied with:
 - Anti-static case (1)
 - Index label (1)
- **NP-60 Rechargeable Battery (1)**
Soft case included
- **Strap (1)**

- **AC-SVS/AC-SVHS AC Power Adapter (1)**
Approx. 2 m (6.6 ft.) connection cord

- **USB Interface Set (1)**
 - CD-ROM: Software for FinePix EX (1)
 - FinePix F401 Special USB cable with Noise Suppression core (1)
 - Software Quick Start Guide (1)
- **Owner's Manual (this manual) (1)**

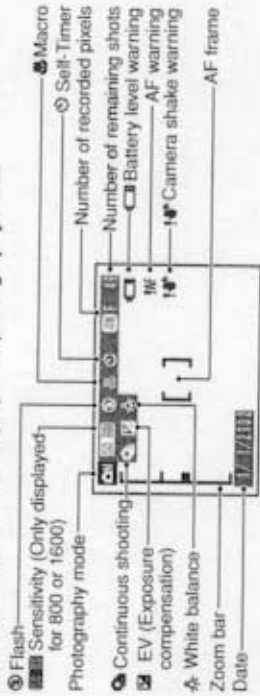
Nomenclature

* Refer to the pages in parentheses for information on using the camera features.

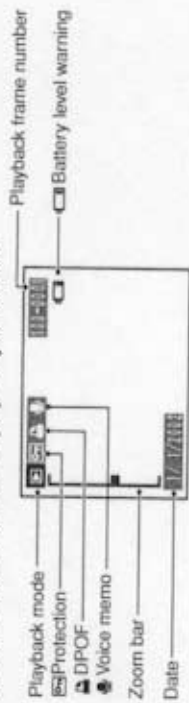


Nomenclature (Sample display)

Example of LCD Monitor Text Display: Still photography mode



Example of LCD Monitor Text Display: Playback mode

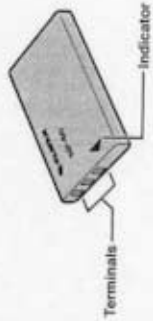


1 Getting Ready LOADING THE BATTERY AND SmartMedia™

Compatible Batteries

Use only the special Rechargeable Battery NP-60. The use of other brands of rechargeable battery could cause faults or damage to the camera.

NP-60 Rechargeable Battery (1)



- ⚠ The battery is not fully charged at shipment and must be charged up before being used.
- ⚠ Do not stick labels onto the battery as this could cause the battery to become jammed inside the camera.
- ⚠ See P.92-93 for note on the battery.

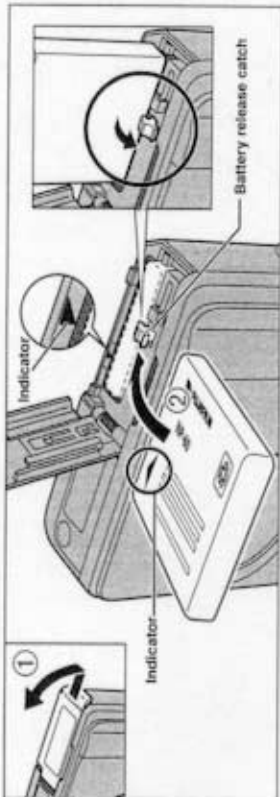
SmartMedia™ (sold separately)

- Only use 3.3V SmartMedia
 - MG-4S (4MB), MG-16SW (16MB, ID)
 - MG-8S (8MB), MG-32SW (32MB, ID)
 - MG-16S (16MB), MG-64SW (64MB, ID)
 - MG-32S (32MB), MG-128SW (128MB, ID)
 - MG-64S (64MB)



- ⚠ Image files cannot be recorded or erased if a write-protect sticker is affixed to the SmartMedia.
- ⚠ Operation of this camera is only guaranteed when it is used with FUJIFILM SmartMedia.
- ⚠ Some 3.3V SmartMedia are labelled as "3V" or "ID" cards.
- ⚠ See P.95-96 for note on SmartMedia.

LOADING THE BATTERY AND SmartMedia™



- 1 Slide the battery cover out to open it.
- 2 Hold the battery so that the arrow markings are aligned, use your finger to pull the battery release catch in the direction shown and insert the battery. Check that the battery is locked in place.

⚠ Do not apply excessive force to the battery cover.

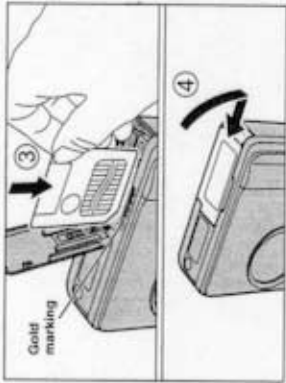
Never open the battery cover while the camera is still switched on. This could damage the SmartMedia or corrupt the image files on the SmartMedia.

◆ To remove the battery ◆

Open the battery compartment cover and pull the battery release catch in the direction indicated to release the battery.



⚠ Always switch the camera off when removing the battery.

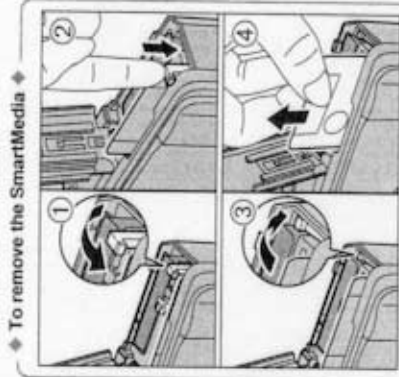


- 3 Align the contact area (the gold-colored section) on the SmartMedia with the gold marking on the SmartMedia slot and firmly push the SmartMedia all the way into the slot.
- 4 Close the battery cover.

⚠ If you open the battery cover while the camera is switched on, the camera automatically switches off to protect the data on the SmartMedia.

⚠ The SmartMedia will not slide fully into the slot if it is inserted facing the wrong way. Be careful not to apply undue force to the SmartMedia.

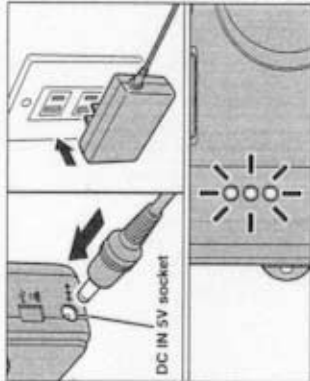
⚠ To protect the SmartMedia, always store it in the special anti-static case.



◆ To remove the SmartMedia ◆

Open the battery compartment cover, pull the SmartMedia eject button back down to its original position (2). Grip the SmartMedia and pull it out (4).

CHARGING THE BATTERY

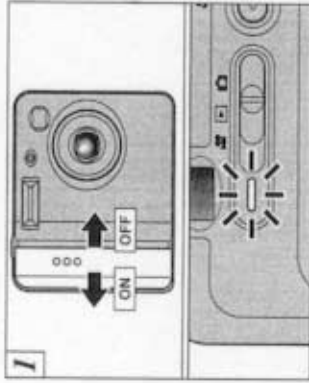


Check that the camera is switched off. Plug the AC power adapter connector into the DC IN 5V socket on the camera, and then plug the adapter itself into the main power outlet.

The self timer lamp lights (blue) and battery charging begins. When charging is completed, the self-timer lamp switches off.

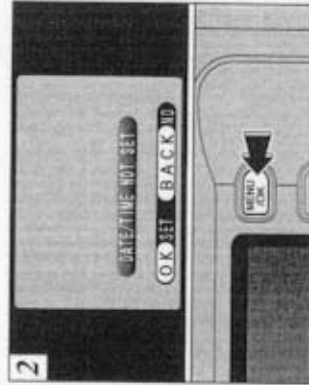
A fully discharged battery takes roughly 3 hours to fully recharge (at an ambient temperature of +21°C to +25°C (+70°F to +77°F)).

SWITCHING ON AND OFF • SETTING THE DATE AND TIME



Slide the Power switch to turn the camera on and off. When you switch the camera on, the viewfinder lamp lights (green).

If the **OK** mode is selected, the lens cover opens and the lens slides out. Avoid pressing on the lens so as not to damage precision components. Obstructing the lens will cause a malfunction or fault and the "0:00:00 [00:00]" or "11:59:59 [11:59]" message will appear. Take care also not to get fingerprints on the camera lens as this will result in impaired image quality in your shots.



When you first switch the camera on, the date is cleared. Press the "MENU/OK" button to set the date and time.

- To set the date and time later, press the "BACK" button.
- If you do not set the date and time, this confirmation screen will appear each time you switch the camera on.
- When you switch the camera on, the self timer lamp lights for about 5 seconds.
- If you load the battery while the camera's Power switch is set to ON, the viewfinder lamp/self timer lamp lights briefly. This is normal and does not indicate a fault.

Using the AC Power Adapter

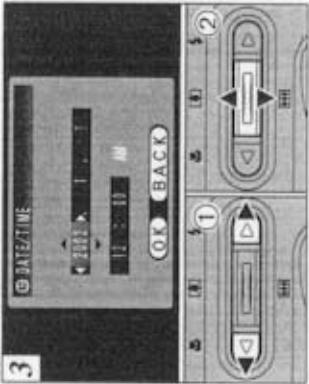
Use the AC power adapter to avoid losing power at inconvenient times, such as when you are downloading photographed images to your computer. Using the AC power adapter also allows you to take pictures and play back images without worrying about depleting the batteries.

Compatible AC power adapters

AC-SVS/AC-SVHS/AC-SVH

- Use only the FUJIFILM products listed above.
- See P. 107 for notes on using the AC power adapter.
- Only connect or disconnect the AC power adapter when the camera is switched off.
- Connecting or disconnecting the AC power adapter while the camera is switched on temporarily interrupts the power supply to the camera, so that images or movies being shot at the time are not recorded. Failing to switch the camera off first can also result in damage to the SmartMedia or multimedias during PC connection.
- Charging times increase at low temperatures.
- If the self-timer lamp flashes during charging, a charging error has occurred and the battery cannot be charged. If this occurs, see P. 100.
- Switching the camera on during charging interrupts the charging.
- You can charge the battery more quickly by using the BC-60 Battery Charger (sold separately) (P. 105).
- The shape of the plug and socket outlet depends on the country of use.

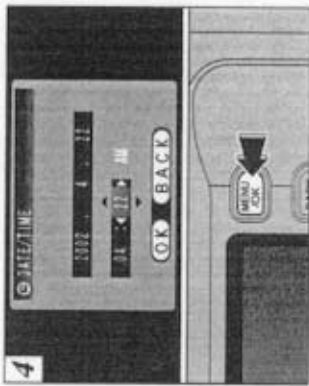
SWITCHING ON AND OFF • SETTING THE DATE AND TIME



- 1 Use "←" and "→" to select Year, Month, Day, Hour or Minute.
- 2 Press "▲" or "▼" to set the number.

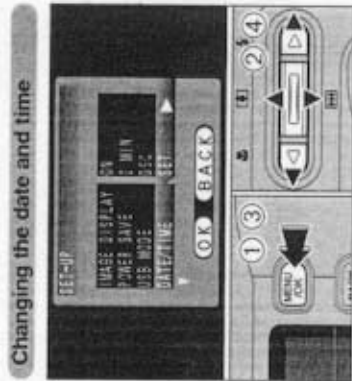
- ☞ If you hold down "▲(1)" or "▼(2)", the numbers change continuously.
- ☞ When the time displayed passes "12:00", the AM/PM setting automatically switches.

15



Once you have set the date and time, press the "MENU/OK" button. Pressing the "MENU/OK" button switches the camera to Photography or Playback mode.

- ☞ To set the time precisely, press the "MENU/OK" button when the time is at zero seconds.
- ☞ If at least 2 hours have passed since the AC power adapter was connected or the battery inserted and the date and time set, then those settings will be maintained for roughly 5 hours even when the camera has no power supply (when the AC power adapter is disconnected and the battery is removed).



- To change the date and time:
- 1 Press the "MENU/OK" button.
 - 2 Use "←" or "→" to select "Settings" and then use "▲" or "▼" to select "SET-UP".
 - 3 Press the "MENU/OK" button.
 - 4 Select "DATE/TIME" and press "→".
- See P.16 for information on setting the date and time.

Changing the date and time

- ◆ **Checking the remaining battery charge**
 - Switch the camera on and check that no battery level warning (⚡, ⚡ or ⚡) is displayed on the LCD monitor. If no icon is displayed, there is ample charge left in the battery.

- **LI white:** The battery is approximately half charged.
- **LI red:** Battery charge low. Replace or recharge the battery as it will run out shortly.
- **Blinking red:** The battery is exhausted. The display will shortly go blank and the camera will stop working. Replace or recharge the battery.

☞ The above estimates are for the photography modes. In Playback mode, the transition from "LI" to "LI" may take less time.

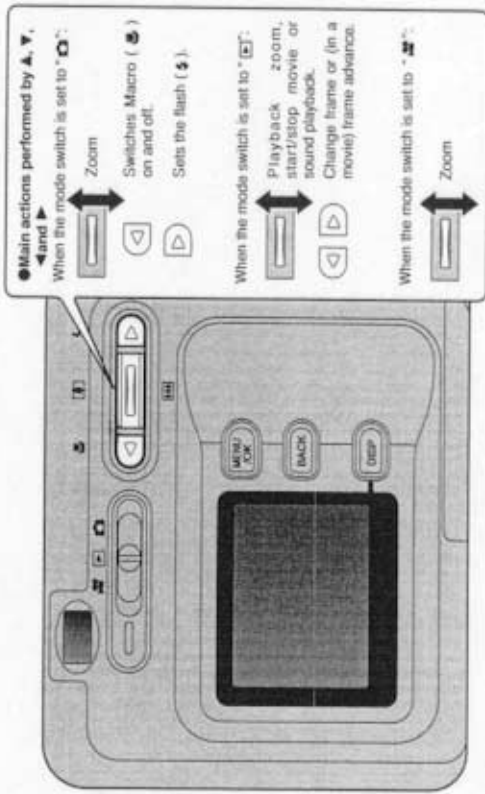
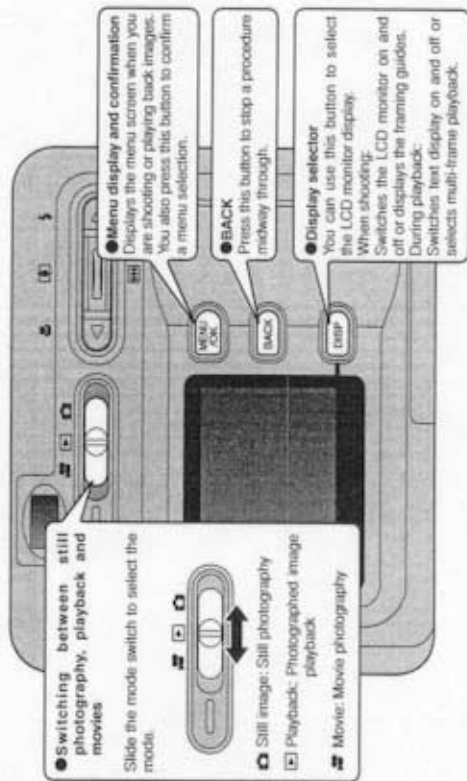
- ◆ **Power Save Function**
 - If the camera is not used in any way for approx. 30 seconds when the camera functions are enabled, this function temporarily switches features such as the LCD monitor off to reduce power consumption (→ P.80). If the camera is then left unused for a further period (2 or 5 minutes), the Power Save function automatically switches the camera off. To restore power to the camera, switch the camera off and then back on again.

17

2 Basic Photography





BASIC OPERATION GUIDE

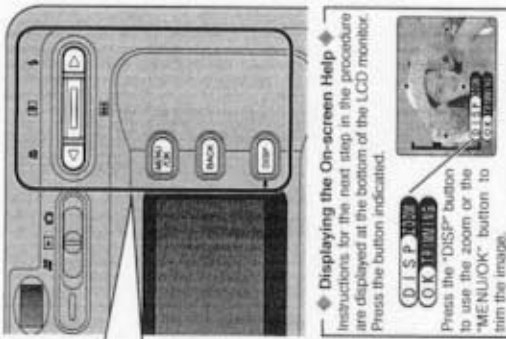
This section describes the camera's functions.



BASIC OPERATION GUIDE

Using the Menus

-  Display the menu.
Press the "MENU/OK" button.
 -  Select a menu option.
Press the "◀" or "▶" button.
 -  Select a setting.
Press the "▲" or "▼" button.
 -  Confirm your selection.
Press the "MENU/OK" button.
- In the Owner's Manual/Back triangles are used to indicate up/down/left and right. "▲" is used to indicate up/down. Left and right are indicated by "◀" and "▶" respectively.

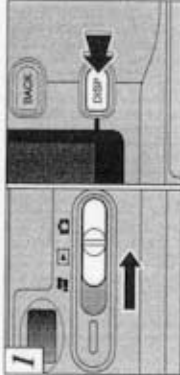


◆ **Displaying the On-screen Help**
Instructions for the next step in the procedure are displayed at the bottom of the LCD monitor. Press the button indicated.

DISP
Press the "DISP" button to use the zoom or the "MENU/OK" button to return the image.

MODE TAKING PICTURES (QA AUTO MODE)

You've read the chapter on getting ready and the camera is now set up and ready to take pictures. The Basic Photography section explains the three basic steps of "taking pictures", "viewing pictures", and "erasing pictures". Master the basic steps by actually trying them out on the camera as you go.



Set the mode switch to "Q".
When you are taking shots using the viewfinder, you can make the battery last longer by pressing the "DISP" button to switch the LCD monitor off. (Note that you cannot switch the LCD monitor off in Macro mode.)

- **Photography range:** Approx. 60 cm (2 ft.) to infinity
- ◆ If a "FLASH ERROR", "FLASH ERROR" or "FLASH ERROR" message appears, see P.97, 98.



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

- ◆ For subjects closer than 60 cm (2 ft.), use Macro photography (P.31).
- ◆ You should use the viewfinder to take pictures (switch the LCD monitor off) to make the battery last longer.
- ◆ Particularly for shots in dark locations when the flash is set to Suppressed Flash mode, you should use a tripod to avoid camera shake.



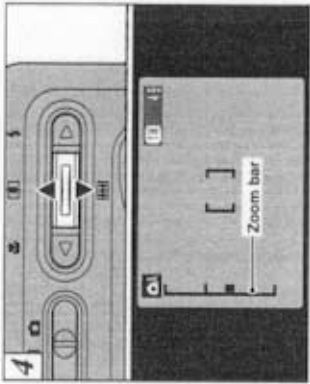
3

Take care to hold the camera so that your fingers or the strap do not cover the lens, flash or flash control sensor. If the lens, flash or flash control sensor is obscured by your fingers or the camera strap, you may not be able to obtain the correct brightness (exposure) for your shot.

There may be some unevenness in the brightness at the lower edge of the LCD monitor. This is normal and does not indicate a fault. This does not affect the photographed image.

Check that the lens is clean. If it is dirty, clean the lens as described on p.51.

If you use the flash in very dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes. Try taking the shot with the flash switched off.



4

To zoom in on the subject, press "▲" (ZOOM IN). To zoom out, press "▼" (ZOOM OUT). A "zoom bar" appears on the LCD monitor when you zoom in or out.

Optical zoom focal length (35mm camera equivalent)

Approx. 38 mm-114 mm (1.5 in. to 4.5 in.)

Maximum zoom scale: 3x

Zooming stops briefly when the camera switches between optical zoom and digital zoom (p.30). Press the same zoom button again to switch zoom modes.

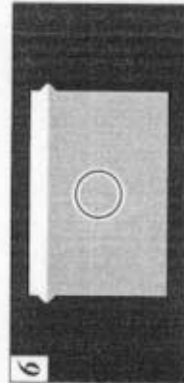


5



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

If your subject is not in the center of the picture, use AF/AE lock to take the picture (p.27).



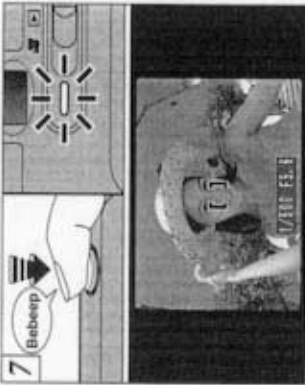
6

When you are using the viewfinder to take a picture at a distance of 0.6 m to 1.5 m (2.0 ft. to 4.9 ft.), only the shaded area in the figure is photographed.

To center the photographed area accurately, you should use the LCD monitor to take the shot.

In some conditions it may be difficult to see your subject clearly on the LCD monitor (Such as in sunny weather outdoors or when you are shooting dimly lit scenes). In such situations, use the viewfinder to take the shot.

The image shown on the LCD monitor before you take the shot may differ in its brightness, color, etc. from the image actually recorded. If necessary, play back the recorded image to check it (p.35).



7 Bebeep

When you press the shutter button down halfway, the camera emits a short double-beep and focuses on your subject (the viewfinder lamp (green) changes from blinking to steady). At that point, the AF frame on the LCD monitor becomes smaller and the camera sets the shutter speed and aperture.

If the screen does not emit a short double-beep and appears on the LCD monitor, the camera has not focused on the screen (the shutter button down halfway, the image on the screen freezes temporarily). However, this image is not the recorded image.

If AF is displayed on the screen (e.g. the shot is too dark for the camera to focus), the camera is ready about 2 m (6.6 ft.) from your subject to take the picture.



8 Click

If you press the shutter button down fully without releasing it, the camera makes a clicking noise and takes the picture. The camera then records the photographed image.

- You can adjust the volume of the camera operation noises ("beep" and "click") or switch them off altogether in the SET-UP menu (P.76, 77).
- There is a slight delay between the shutter button being pressed and the shot being taken. If necessary, play back the shot to check the image.
- If you press the shutter button down fully in one motion, the shot is taken without the AF frame changing.
- When you take a picture, the viewfinder lamp lights orange (camera not ready) before switching back to green to indicate that the camera is again ready for shooting.
- The viewfinder lamp flashes orange while the flash is charging. If the LCD monitor is switched on, the screen may go dark for a moment. This is normal and does not indicate a fault.
- See P.97-99 for information on the warning displays.

Viewfinder Lamp Display

Display	Status
Lit green	Ready to shoot.
Blinking green	AF/AE operating or camera shake/AF warning (ready to shoot).
Blinking green and orange alternately	Recording data to the SmartMedia (ready to shoot).
Lit orange	Recording data to the SmartMedia (not ready to shoot).
Blinking orange	Charging the flash (flash will not fire).
Blinking red	<ul style="list-style-type: none"> • SmartMedia-related warning. The SmartMedia is not loaded, is not formatted, is incorrectly formatted or has a write-protect sticker attached. SmartMedia full. SmartMedia fault. • Lens operation error.

• Detailed warning messages are displayed on the LCD monitor (P.97-99).

Subjects Not Suitable for Autofocus

Though the FinePix F401 uses an accurate autofocus mechanism, it may have difficulty focusing or not be able to focus at all for the types of subject and situation listed below. In such cases, the image may be out of focus.

- Very shiny subjects such as a mirror or car body.
- Subjects photographed through glass.
- Subjects that do not reflect well, such as hair or fur.
- Subjects with no substance, such as smoke or flames.
- When the subject is dark.
- When there is very little contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background).

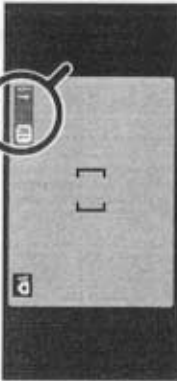
For subjects of this type, use AF/AE lock (P.27).

MODE TAKING PICTURES (CA AUTO MODE)

Number of Available Frames

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

- See P.44 for information on changing the resolution.
- The default resolution "4" set at shipment is 8.



Standard number of shots per SmartMedia

Because the amount of data recorded varies depending on the subject, the number of available shots may not decrease when recording ends, or may decrease by 2 frames. This discrepancy between the standard number of available shots and the actual number of available shots increases in proportion to the capacity of the SmartMedia.

File Size	4M • F	4M • N	2M	1M	0.3M
No. of recorded pixels	2304 × 1728	1600 × 1200	1280 × 960	640 × 480	
Image Data Size	Approx. 1.0MB	Approx. 750KB	Approx. 370KB	Approx. 130KB	
MG-4S (4MB)	2	5	10	12	30
MG-8S (8MB)	4	10	21	25	61
MG-16S/5W (16MB)	9	20	42	49	122
MG-32S/5W (32MB)	20	41	86	99	247
MG-64S/5W (64MB)	40	84	172	198	497
MG-128S/5W (128MB)	81	169	346	398	997

* Number of available shots displayed on the camera for a new SmartMedia formatted in the camera.

MODE USING AF/AE LOCK



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



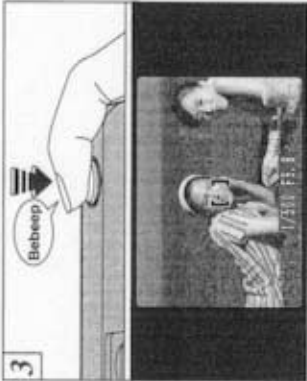
Move the camera slightly so that one of the subjects in the AF frame.

AF (Autofocus)/AE (Auto exposure) Lock

On the FinePix F401, when you press the shutter button down half way, the focus and exposure settings are fixed (AF/AE lock). If you want to focus on a subject that is off to one side of the image or if you want to set the exposure before you compose the final shot, lock the AF and AE settings and then compose and shoot your picture to get the best results.

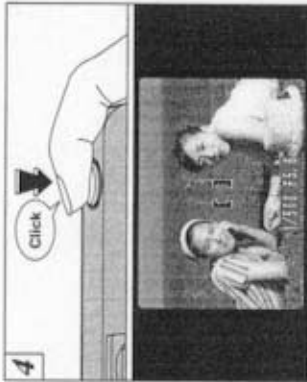
MODE USING AF/AE LOCK

3



Without moving the camera, press the shutter button down halfway (AF/AE lock). Check that the AF frame on the LCD monitor has shrunk and the green viewfinder lamp has stopped flashing and is now lit.

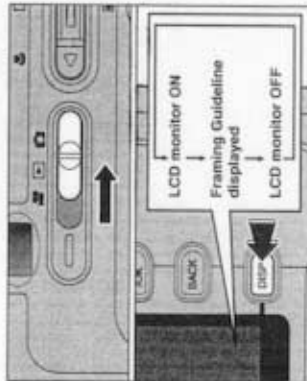
4



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

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

MODE FRAMING GUIDELINE FUNCTION

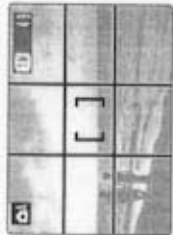


You can select the Framing Guidelines function in the "S" still photography mode. The LCD monitor display changes each time you press the "DISP" button. Press the "DISP" button until "Framing Guidelines" appears.

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

Scene

Use this frame when you want to position your main subject in the center of the frame or when you want to align your shot with the horizon. This feature provides a clear guide to the subject size and the overall balance of the shot so that you get exactly the shot you want.

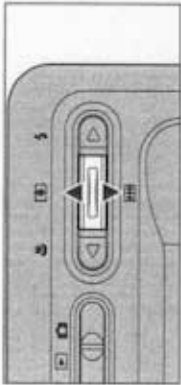


2

Important

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

MODE USING THE ZOOM



You can operate the optical zoom using the zoom buttons. You can also use the digital zoom when the resolution setting is "M", "S", "MOVIE" (M or S). However, this only applies when you are using the LCD monitor to take pictures.

- **Digital zoom focal distance**
 - ①: 35 mm camera equivalent
 - ②: Equivalent to approx. 114 mm-164 mm (1.4x)
 - ③: Equivalent to approx. 114 mm-205 mm (1.8x)
 - ④: Equivalent to approx. 114 mm-410 mm (3.6x)
 - ⑤: Equivalent to approx. 114 mm-410 mm (3.6x)
 - ⑥: Equivalent to approx. 114 mm-820 mm (7.2x)
- You cannot use the digital zoom for resolutions of ①.
- The digital zoom cannot be used in high-sensitivity photography (800, 1600).
- See P.44, 55 for information on changing the file size setting.

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MODE MACRO (CLOSE-UP) PHOTOGRAPHY

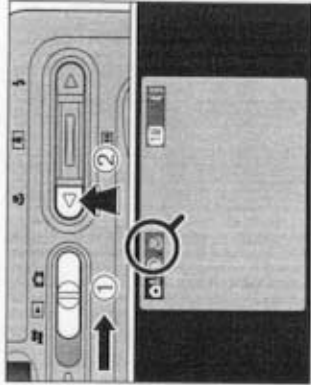
Selecting Macro mode allows you to take close-up shots.

- **Effective Photography Range:**
Approx. 10 cm to 80 cm (3.9 in to 31.5 in).

Macro photography is automatically cancelled in the following situations:

- When you have switched photography modes.
- When the camera is switched off.
- When you set the mode, the "M" icon is briefly displayed larger.
- To fire the flash, press "A" and select "S". Forced Flash or "S" Slow Synchro (P.33, 34). However, in some cases the correct brightness (exposure) may not be obtained.
- If you are shooting in a dark location (when the "M" camera shake warning icon is displayed), use a tripod to prevent camera shake.

If you use the viewfinder to take a picture in Macro mode, the field visible through the viewfinder does not match the field actually photographed because the viewfinder and lens are in different positions. Accordingly, you should use the LCD monitor to take pictures in Macro mode.

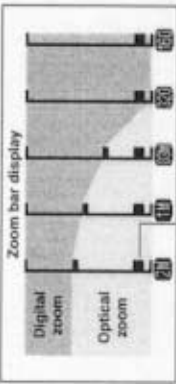


- 1 Set the mode switch to "M".
- 2 Press the "M" Macro button (M). The "M" icon appears on the LCD monitor indicating that you can take close-up shots.

To cancel Macro mode, press the "M" Macro button (M) again.

- The LCD monitor automatically switches on.
- You cannot switch the LCD monitor off.
- When you cancel Macro mode, the LCD monitor remains on.

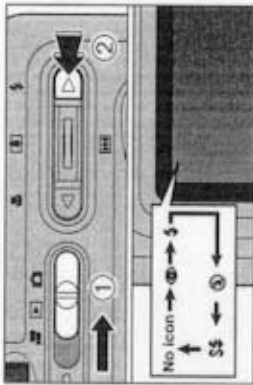
31



The position of the "M" on the zoom bar indicates the current zoom setting.

- If the "M" is above the dividing line, the digital zoom is being used. If it is below the line, the optical zoom is being used.
- Press "A" or "V" to move the "M".
- When you switch between digital zoom and optical zoom, the "M" stops moving. Press the button for the same direction again to start the "M" moving again.
- If the image goes out of focus when you use the zoom, press the shutter button down halfway to refocus.
- The optical zoom is equivalent to approximately 38 mm-114 mm on a 35 mm camera.

MODE FLASH



You can choose from 5 flash modes according to the type of shot.

- 1 Set the mode switch to "S".
- 2 The flash setting changes each time you press the "S" Flash button (▶). The last flash mode displayed is selected.

Effective flash range (for **AI AUTO**)

Wide-angle: Approx. 0.4 m to 3.5 m (1.3 ft. to 11.5 ft.)
Telephoto: - Approx. 0.4 m to 2 m (1.3 ft. to 6.6 ft.)

- The selected flash icon is briefly displayed larger.
- If you use the flash in very dusty conditions or when it is snowing, white dots may appear in the image due to the flash reflecting off the dust particles or snowflakes.
- Try taking the shot with the flash switched off.



Auto Flash Mode (no icon)

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

- The flash charging time may increase if the charge remaining in the batteries is low.
- When you take a shot using the flash, you may see the video image disappear and the screen go dark as the flash charges. The viewfinder lamp flashes orange while the flash is charging.



Red-Eye Reduction

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

Red-Eye Effect

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

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



Forced Flash

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



Suppressed Flash

Use this mode for photography using indoor lighting, for shots taken through glass, and for photography in venues such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. When you use Suppressed Flash, the Automatic White Balance function (P.104) operates so that natural colors are captured along with the ambience of the available light.

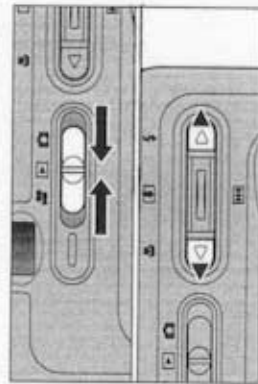
- ⚠ If you are shooting in Suppressed Flash mode in dark conditions, use a tripod to prevent camera shake.
- ⚠ See P.25, 97 for information on the camera shake warning.



S Slow Synchro

This is a flash mode that uses a slow shutter speed (slowest shutter speed: 1/4 sec.). This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop.

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



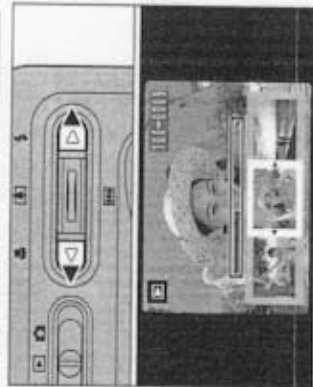
Set the Mode switch to "P". You can "←" and "→" button to move forward and backward respectively through your images.

- ⚠ When you set the Mode switch to "P", the last image shot is displayed.
- ⚠ If the lens is extended during playback, the camera retracts the lens as a protective measure if the camera is not used for approximately 6 seconds.

Images That Can be Viewed on the FinePix F401

You can use this camera to view (excluding some uncompressed data) images recorded on an FinePix F401 or images recorded onto a 3.3V SmartMedia using a FLUJIFILM FinePix series, MX series and DX series digital camera.

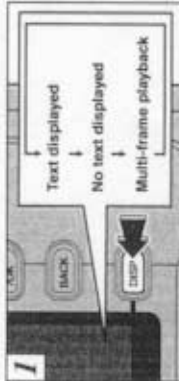
Fast Forwarding Images



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

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

MODE MULTI-FRAME PLAYBACK



In playback mode, the display shown on the LCD monitor switches each time you press the "DISP" button. Press the "DISP" button until the multi-frame playback screen (9 frames) appears.



- Select a frame by using "←", "→", "▲", and "▼" button to move the cursor (the orange box) to the desired frame. Press the "▲" or "▼" button several times to switch to the previous page or the next page.
- You can enlarge the selected image by pressing the "DISP" button again.

The LCD monitor text display disappears after approximately 3 seconds.

Playback zoom cannot be used with multi-frame playback.

MODE PLAYBACK ZOOM

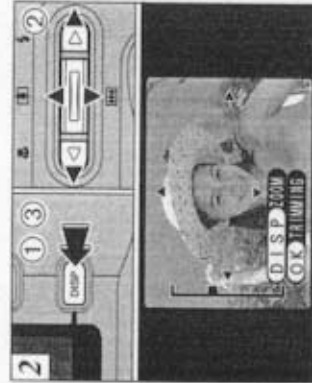


Pressing the "▲" or "▼" button during single-frame playback zooms in (enlarges) or out on a still image. When you use this function, a zoom bar is displayed. On-screen help is also displayed at the bottom of the screen.

Zoom scales:

- ▲ 2304 x 1728 pixel images: Max. 14.4x
- ▶ 1600 x 1200 pixel images: Max. 10x
- ▶ 1280 x 960 pixel images: Max. 6x
- ▶ 640 x 480 pixel images: Max. 4x

Pressing the "←" or "→" button during zooming cancels zooming and moves to the next image.



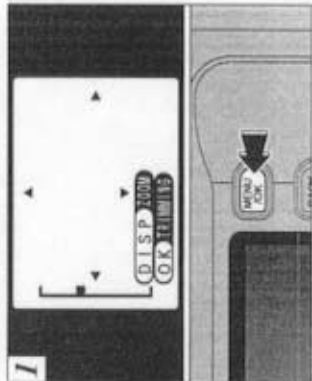
After you have zoomed in on your image.

- Press the "DISP" button.
- Use "▲" and "▼" to zoom in on different parts of the image.
- Press the "DISP" button again to revert to zoomed display.

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

MODE PLAYBACK ZOOM

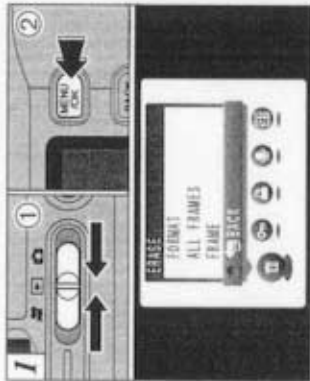
Saving Trimmed Images



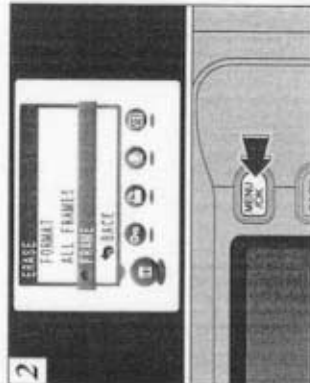
After using playback zoom, press the "MENU/OK" button to trim the image.

The size of the saved image varies, depending on the zoom scale. In 0.3M mode, "TRIMMING" is displayed in yellow. At recorded pixels below 0.3M, "TRIMMING" is no longer displayed.

MODE ERASING SINGLE FRAME



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



Select "FRAME" in the "ERASE" menu and press the "MENU/OK" button.
See P.58 for more information on "ALL FRAMES" and "FORMAT".

To revert to image playback without erasing the image, select "BACK" and press the "MENU/OK" button.

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

Image Sizes

Image Size	Best for prints
3M	Best for prints
2M	Good for prints
1M	"TRIMMING" is displayed in yellow since the quality is too low for printing.

* Lower than 1M: "TRIMMING" is no longer displayed and images cannot be saved trimmed as the quality is not suitable for printing.