



DIGITAL CAMERA

**FinePix A203, A303**

2.0  
MEGA  
PIXELS



**digital**  
Look to the Professionals.  
**Exif Print**



# Temporary


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

**OWNER'S MANUAL** This manual will show you how to use your FUJIFILM DIGITAL CAMERA. FinePix A203, A303 correctly. Please follow the instructions carefully.

BLOO147-200 (1) **E**

## Warning

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

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



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



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

### For customers in the U.S.A.

#### FCC Statement

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

#### CAUTION

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

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

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

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

#### Notes on the Grant:

To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core 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.00)  
and make sure you understand them  
before using the camera.

# Contents

Warning	2
Contents	4
Preface	6
Camera Features and Accessories	7
Nomenclature	8

## 1 Getting Ready

LOADING THE BATTERY AND xD-PICTURE CARD	11
Compatible batteries	11
xD-Picture Card (sold separately)	11
SWITCHING ON AND OFF	14
SETTING THE DATE AND TIME	14
Changing the date and time	16

## 2 Basic Photography

BASIC OPERATION GUIDE (PHOTOGRAPHY)	17
BASIC OPERATION GUIDE (PLAYBACK)	18
BASIC OPERATION GUIDE (MENU)	19
[ <b>STILL PHOTOGRAPHY</b> ]	
TAKING PICTURES (AUTO MODE)	20
Viewfinder Lamp Display	25
Number of Available Frames	26
USING AF/AE LOCK	26
4 FRAMING GUIDELINE FUNCTION	30

DIGITAL ZOOM	31
FLASH	32
Auto Flash Mode (Blank)	32
Red-Eye Reduction	33
Forced Flash	33
Suppressed Flash	34
Slow Synchro	34

## [**PLAYBACK MODE**]

VIEWING YOUR IMAGES (PLAYBACK)	35
MULTI-FRAME PLAYBACK	36
PLAYBACK ZOOM	37
ERASING SINGLE FRAME	37
ALL FRAMES/FORMATTING	38

## 3 Advanced Features Photography

MACRO (CLOSE-UP) PHOTOGRAPHY	40
SELF-TIMER PHOTOGRAPHY	41
[ <b>MOVIE PHOTOGRAPHY</b> ]	
MOVIE (VIDEO)	43
PHOTOGRAPHY MENU OPERATION	46
SELECTING AUTO OR MANUAL	47
PHOTOGRAPHY MENU OPTIONS	48

## [**PHOTOGRAPHY MENU**]

SETTING THE FILE SIZE	50
NO. OF RECORDED PIXELS FOR STILL IMAGES	50
EV (EXPOSURE COMPENSATION)	52
WHITE BALANCE (SELECTING THE LIGHT SOURCE)	53

## 4 Advanced Features Playback

[ <b>PLAYBACK MODE</b> ]	
PLAYING BACK MOVIES (VIDEO)	54
Playing back movies	55

## [**PLAYBACK MENU**]

ERASING SINGLE	56
ALL FRAMES/FORMATTING	56
PROTECTING IMAGES FRAME/ALL	60
HOW TO SPECIFY PRINT OPTIONS (DPP)	64
DPOF SET FRAME	65

## 5 Settings

ADJUSTING THE MONITOR BRIGHTNESS	69
USING SET-UP	70
[ <b>SET-UP</b> ]	
POWER SAVE	72

## 6 Connection

USING THE OPTIONAL AC POWER ADAPTER 73



System Expansion Options	101
Accessories Guide	102
Notes on Using Your Camera Correctly	104
Notes on the Power Supply	105
Applicable Batteries	105
Notes on the Batteries	105
AC Power Adapter	107
Notes on the xD-Picture Card	108
Warning Displays	110
Troubleshooting	113
Specifications	116
Explanation of Terms	119
Safety Notes	120
EC Declaration of Conformity	123

## Preface

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

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

■ **Notes on Copyright**

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

■ **Liquid Crystal**

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

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

● If liquid crystal gets into your eye

● Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.

● If liquid crystal is swallowed

● Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ **Notes on Electrical Interference**

If the camera is to be used in hospitals or 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.

● xD-Picture Card is a trademark of Toshiba Corporation.

● Other company or product names are trademarks or registered trademarks of the respective companies.

## Camera Features and Accessories

### Features

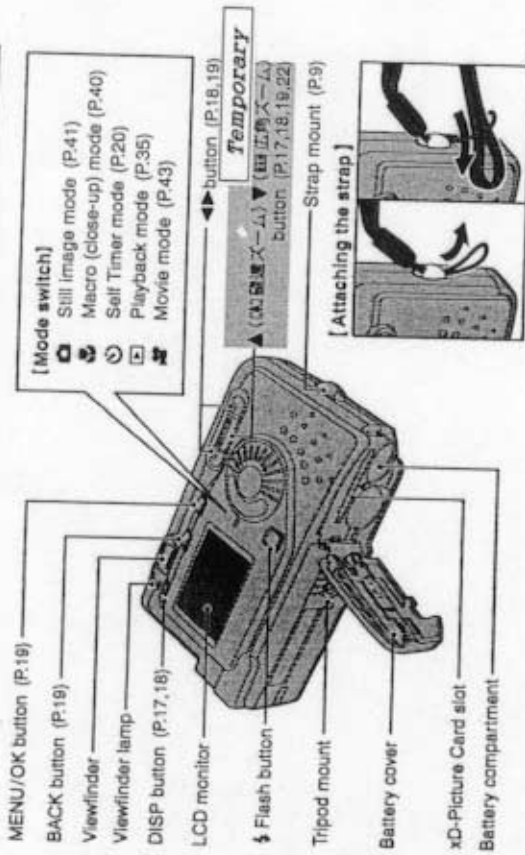
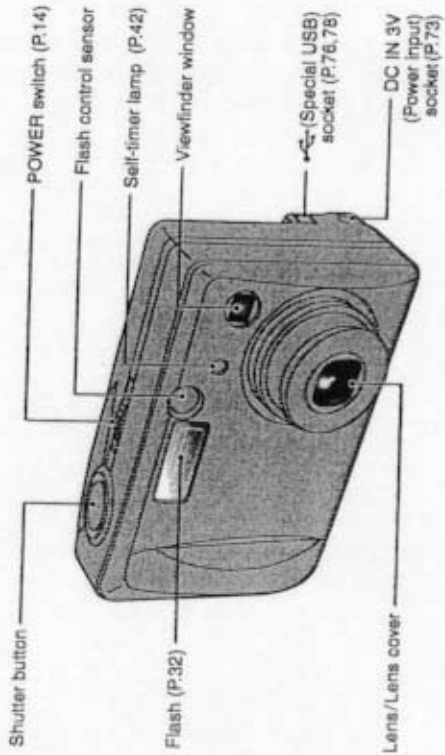
- CCD with 2 million effective pixels and high-resolution 3x Fujinon zoom lens give superb high-quality images (FinePix A203)
- CCD with 3.24 million effective pixels and high-resolution 3x Fujinon zoom lens give superb high-quality images (FinePix A303)
- Records images at resolutions up to 1600 x 1200 pixels (1.82 megapixels) (FinePix A203)
- Records images at resolutions up to 2048 x 1536 pixels (3.15 megapixels) (FinePix A303)
- Compact lightweight body
- Wide-angle field of view (built-in Macro function)
- Auto white balance with automatic scene recognition and AE functions
- Automatic flash with high-precision wide-range flash control sensor
- Up to 2.5x digital zoom photography function with up to 5x zoom during playback (FinePix A203)
- Up to 3.2x digital zoom photography function with up to 6.4x zoom during playback (FinePix A303)
- Electrically powered lens cover
- Movie shooting function (220 x 240 or 160 x 120 pixels, without sound)
- USB connection for easy image downloading (using the interface set provided)
- Built-in PC Camera function
- Conforms to the new standard for digital camera file systems\*
- \*Design for Camera File system™ standard and Exif format are formulated by the Japanese Electronic and Information Association (JEITA)

### Accessories

- 16 MB, xD-Picture Card (1)  
Supplied with:
  - Anti-static case (1)
- LR6 AA-size alkaline Batteries (2)
- Hand strap (1)
- Interface Set (1)
  - CD-ROM; screws for FinePix EX (1)
  - Special USB cable with Noise Suppression core (1)
- Owner's Manual (this manual) (1)

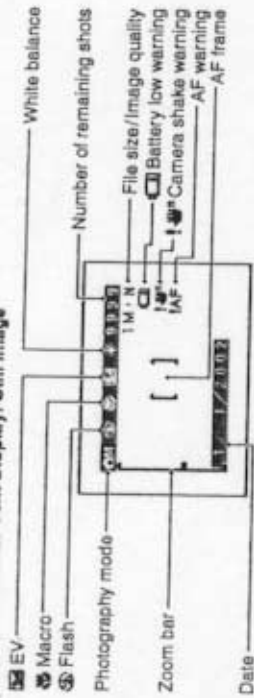
## Nomenclature

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

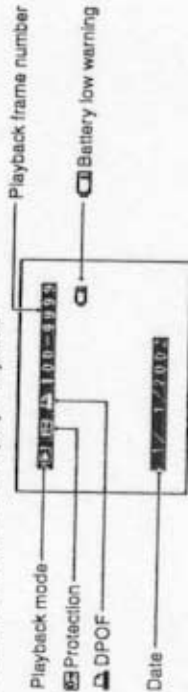


## Nomenclature

Example of LCD Monitor Text Display: Still Image



Example of LCD Monitor Text Display: Playback



## 1 Getting Ready

### LOADING THE BATTERY AND xD-Picture Card

#### Compatible Batteries

Use two AA-size alkaline batteries or two AA-size nickel-metal hydride (Ni-MH) batteries.

#### Notes on Handling Batteries

- It is recommended that you use same brand of alkaline batteries as those supplied with the camera.
- Never use a battery when the outer casing is split or peeling as this could result in a short-circuit and cause major problems due to battery fluid leakage or overheating.
- Do not use different types of batteries or old and new batteries together.
- You cannot use lithium, manganese or nickel-cadmium (Ni-Cd) batteries.
- The operating life of alkaline batteries vary between brands and the life of batteries you purchase may be shorter than the alkaline batteries provided with the camera. Note also that due to the nature of alkaline batteries, the time for which they can be used is shorter in cold locations (at temperatures of +10°C (+50°F) or below). Consequently, Ni-MH batteries are recommended.
- Soiling (fingerprints, etc) on the terminals of batteries can greatly reduce the time for which the batteries provide power.
- You will need the optional charger (→ P.102) to recharge Ni-MH batteries.
- See P.105 for notes on using batteries.



#### xD-Picture Card (sold separately)

- DPC-16 (16MB)
- DPC-32 (32MB)
- DPC-64 (64MB)
- DPC-128 (128MB)
- DPC-256 (256MB)

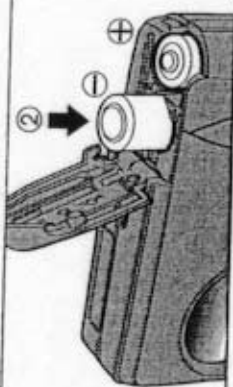
1

- Operation of this camera is only guaranteed when it is used with FUJIFILM xD-Picture Card.
- See P.108-109 for more information on xD-Picture Card.

## LOADING THE BATTERY AND xD-Picture Card



- Slide the battery cover out to open it.
- Load the battery correctly as shown.



- ◆ When you want to replace the battery  
Check that the camera is switched off, open the battery cover and then remove the battery.



- ◆ Take care not to drop the battery when opening and closing the battery cover.

- ◆ 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 xD-Picture Card or corrupt the images on the xD-Picture Card.



- Push the xD-Picture Card firmly into the xD-Picture Card slot as far as it will go.
- Close the battery cover.

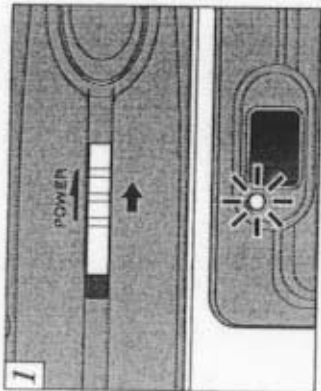
- ◆ When you want to replace the xD-Picture Card  
Check that the camera is switched off, open the battery cover and gently push the xD-Picture Card into the slot.

The xD-Picture Card then pops out of the slot slightly for easy removal.

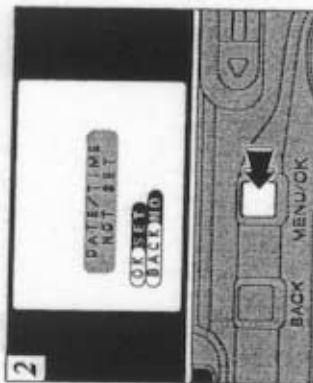


- ◆ If you open the battery cover while the camera is switched on, the camera automatically switches off to protect the data on the xD-Picture Card.
- ◆ The xD-Picture Card will not slide fully into the slot if it is inserted facing the wrong way. Be careful not to apply undue force to the xD-Picture Card.
- ◆ To protect the xD-Picture Card, always store it in the special anti-static case.

## SWITCHING ON AND OFF • SETTING THE DATE AND TIME

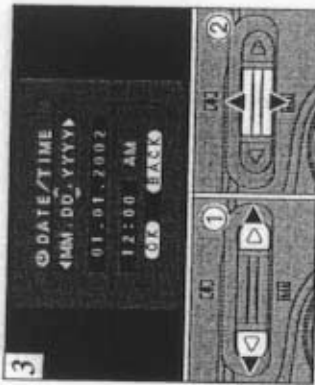


Slide the "POWER" switch sideways to turn the camera on and off. When you switch the camera on, the viewfinder lamp lights (green).



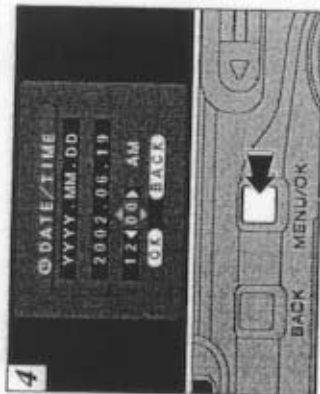
When you first switch the camera on, the date is cleared. Press the "MENU/OK" button to set the date and time.

- ① To set the date and time later, press the "BACK" button.
- ② If you do not set the date and time, this confirmation screen will appear each time you switch the camera on.



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

- ③ If you hold down "▲" or "▼", the numbers change continuously.
- ④ When the time displayed passes "12:00", the AM/PM setting automatically switches.



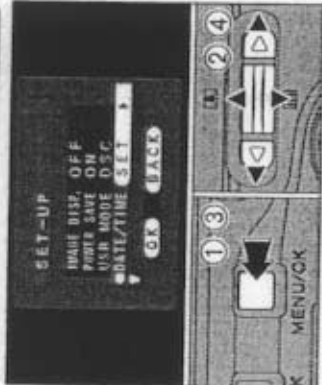
Once you have set the date and time, press the "MENU/OK" button. Pressing the "MENU/OK" button switches the camera to Photography or Playback mode.

- ⑤ To set the time precisely, press the "MENU/OK" button when the time is at zero seconds.
- ⑥ At the time of purchase and after you leave the camera for a long period with the batteries removed, settings such as the date and time are cleared. Unless the battery has been left in the camera for at least 20 minutes, the camera settings may not be retained when you replace the xD-Picture Card or battery.



## SWITCHING ON AND OFF • SETTING THE DATE AND TIME

### Changing the date and time



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.14, 15 for information on setting 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.

- **⚡ Lit red:** The battery is low on charge. Have a new battery ready.
- **⚡ 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 Still image modes. In Playback mode, the transition from "⚡" to "⚡" may take less time.

### Power Save Function

If the camera is not used for 2 minutes, this function automatically switches it off. When this function is enabled, the LCD monitor switches off to conserve battery power if the camera is not used in any way for 30 seconds (See P.64 for details).

## 2 Basic Photography

# BASIC OPERATION GUIDE (PHOTOGRAPHY)

**Power ON/OFF**  
Slide this button sideways to switch the camera on and off.

**Focus and shoot**  
Press the **release/shutter** button. Press the **release/shutter** button. Releases the shutter.

**Switching the LCD monitor on and off**  
Select one of the following modes:  
**LCD monitor ON**  
Normally, set the LCD monitor to ON.  
**LCD monitor OFF**  
Switch the LCD monitor OFF to reduce power consumption.  
**Displaying Guidelines**  
Display these as a guide to composing your shots.

**Zoom**  
▲/◀ : Zooms in.  
▼/▶ : Zooms out.

**Flash mode selector**  
Select one of the following 5 flash modes:  
AUTO, ⚡, ⚡, ⚡, ⚡

**Photography mode selector**  
Select one of the following 4 photography modes:  
📷 : Still photography  
📷 : Macro (close-up)  
📷 : Self timer  
📷 : Movie

**\* You can turn the LCD monitor off to reduce power consumption by switching playback mode to OFF.**

## BASIC OPERATION GUIDE (PLAYBACK)

### ● LCD monitor display selector

Select one of the following 3 modes:

**Text displayed:**

Normally, use this setting.

**Text not displayed:**

No text is displayed.

**Multi-frame playback:**

Displays 9 image frames.

### ● Power ON/OFF

Slide this button sideways to switch the camera on and off.

### ● Playback frame selector

**▶** : Selects the next frame.

**◀** : Selects the previous frame.

### ◆ Displaying help



This feature displays help on moving to the next step at the bottom of the screen. Press the corresponding button.

### ● Playback mode selector

Set the mode dial to "[ ]".

### ● Playback zoom

**▲ [ ] ▼** :

Increases the display scale (zooms in).

**▲ [ ] ▼** :

Decreases the display scale (zooms out).

## BASIC OPERATION GUIDE (MENU)

### ● Using the Menu

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

② Select a menu option.  
Press the left or right arrow on the 4-direction button.

③ Select a setting.  
Press the up or down arrow on the 4-direction button.

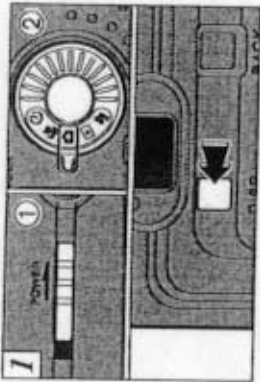
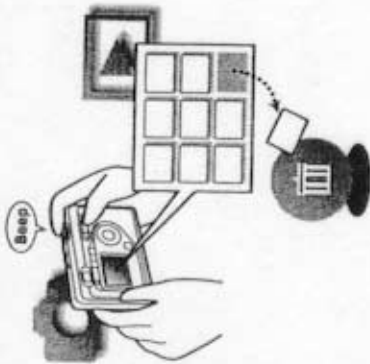
④ Confirm the setting.  
Press the "MENU/OK" button.

● To cancel a procedure mid-way.  
Press the BACK button.

Up, down, left, and right are indicated by black triangles in the Owner's Manual. Up or down is shown as ▲▼ and left or right is shown as ◀▶.

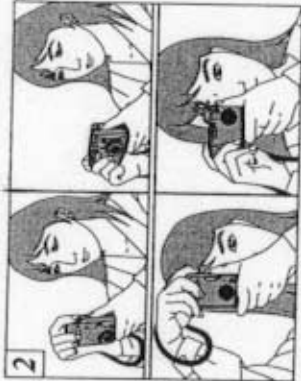
STILL PHOTOGRAPHY TAKING PICTURES (AUTO MODE)

Temporary cover



- 1 Slide the POWER switch sideways to switch the camera on.
  - 2 Set the mode dial to "A".
- **Photography range:** Approx. 60 cm (2 ft.) to infinity
  - For subjects closer than 60 cm (2 ft.), use Macro photography (P.40).

◆ aaaaaaaaaaaaa ◆  
Temporary



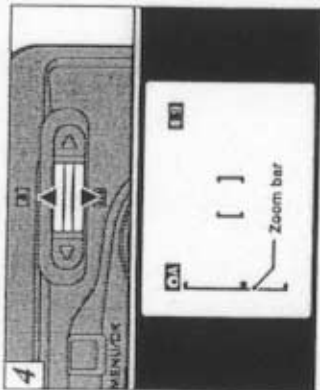
Brace your elbows against your sides and hold the camera with both hands.

- If the "LENS ERROR" or "WHITE BALANCE" message appears, see pages P.110 and P.111.
- If you use the flash in very dusty environments or when it is snowing, the flash may reflect off the dust particles or snowflakes and appear as white dots in your images.



Be careful to ensure that the lens, microphone and flash control sensor are not obscured by your hands or the camera strap. The camera may not be able to take successful pictures if your fingers or the strap are in the way.

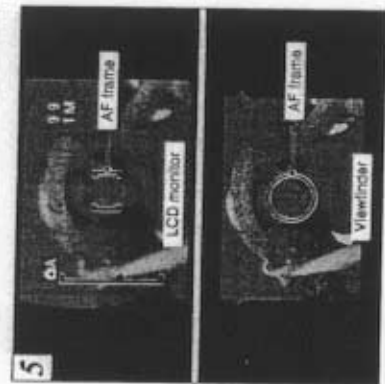
STILL PHOTOGRAPHY **TAKING PICTURES (AUTO MODE)**



To zoom in on the subject, press **A** (ZITELE). To zoom out, press **V** (ZEWIDE). A "zoom bar" appears on the LCD monitor when you zoom in or out.

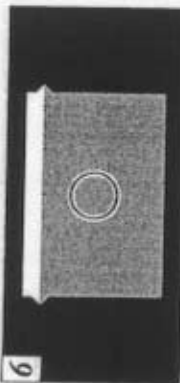
- **Optical zoom focal length (35mm camera equivalent)**  
Approx. 38 mm-114 mm (1.4 in. to 4.3 in.)  
Maximum zoom scale: 3x

● Zooming stops briefly when the camera switches between optical zoom and digital zoom (→P.31).



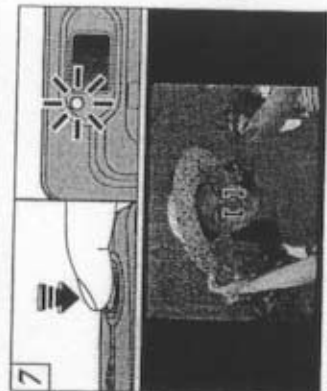
Using the viewfinder or LCD monitor, frame your shot so that the subject fills the entire AF (Auto Focus) frame.

- If your subject is not in the center of the picture, use AF/AE lock to take the picture (→P.28).



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

- To frame your shot precisely, you should take the picture using the LCD monitor.
- 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).



Press the shutter button down halfway. Focusing is complete when the AF frame on the LCD monitor shrinks and the viewfinder lamp (green) stops flashing and remains lit.

- If "1AF" appears on the screen, the camera cannot focus.
- When you press the shutter button down halfway, the image on the screen freezes temporarily. However, this image is not the recorded image.
- If "1AF" is displayed on the screen (e.g. the shot is too dark for the camera to focus), try standing about 2 m (6.6 ft.) from your subject to take the picture.



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

- 1 If you press the shutter button down fully in one motion, the shot is taken without the AF frame changing.
- 2 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.
- 3 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.
- 4 See P.110-112 for information on the warning displays.

Warnings Displayed When the Shutter is Pressed Halfway

**!AF**

The camera cannot focus.

**Solution**

- Ensure that you are at least 2 meters from the subject when you take the shot. (The minimum focal distance is approximately 2 m).
- Use AF/AE lock to take the shot (P.28).

**!**

There is a high risk of camera shake due to the slow shutter speed.

**Solution**

- Use the flash.
- Use a tripod.

**!AE**

You can take the shot, but it will not be correctly exposed.

Viewfinder Lamp Display

When the LCD monitor is switched on, more detailed warning messages are displayed (P.110-112).

Display	Status
Lt green	Ready to shoot.
Blinking green	AF/AE in progress, camera shake warning or AF warning (Ready to shoot).
Blinking green and orange alternately	Recording to xD-Picture Card (Ready to shoot).
Lt orange	Recording to xD-Picture Card (Not ready).
Blinking orange	Flash charging. PC communication in progress (Flash will not fire).
Blinking red	<ul style="list-style-type: none"> <li>• xD-Picture Card Warnings</li> <li>• No card loaded, card not formatted, incorrect format, card full, xD-Picture Card error.</li> <li>• Lens operation error.</li> </ul>

Subjects Not Suitable for Autofocus

Though the FinePix F601 ZOOM uses an accurate autofocus mechanism, it may have difficulty focusing or not be able to focus at all for the types of subject and situation listed below. In such cases, the image may be out of focus.

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

For subjects of this type, use AF/AE lock (P.28).

Number of Available Frames



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

Standard number of shots per Picture Card

The number of available shots when the xD-Picture Card is formatted in the camera.

FinePix A203

File Size	2M-F	2M-N	1M	0.3M
Quality Mode	1600x1200	1280x960	1280x960	640x480
Image Data Size	Approx. 620KB	Approx. 360KB	Approx. 320KB	Approx. 130KB
DPC-18 (15MB)	25	39	49	122
DPC-32 (27MB)	50	79	99	247
DPC-64 (54MB)	101	159	198	487
DPC-128 (108MB)	204	318	398	997
DPC-256 (216MB)	409	638	798	1997

FinePix A303

File Size	3M-F	3M-N	2M	1M	0.3M
Quality Mode	2048x1536	1600x1200	1280x960	1280x960	640x480
Image Data Size	Approx. 1300KB	Approx. 690KB	Approx. 360KB	Approx. 320KB	Approx. 130KB
DPC-7.6 (7.6MB)	12	26	39	49	122
DPC-32 (32MB)	26	53	79	99	247
DPC-64 (64MB)	50	107	159	198	487
DPC-128 (128MB)	102	215	319	398	997
DPC-256 (256MB)	204	431	638	798	1997

Because the amount of data recorded varies depending on the subject, the number of available shots may not decrease when recording ends, or in some cases may decrease by 2 frames.

Also, the discrepancy between the actual number of available shots and the standard number of shots tends to be larger when there is more space remaining on the xD-Picture Card.

See P. 50 for information on changing the resolution (number of recorded pixels).

At shipment, the default setting is "1M".

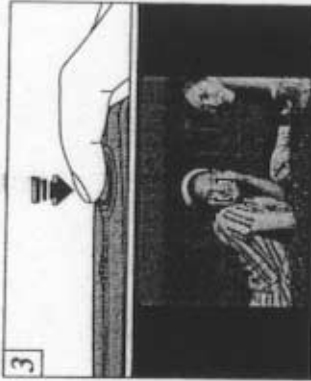
## USING AF/AE LOCK



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



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



3 Keep the shutter button held down halfway (AF/AE lock) and check that the AF frame on the LCD monitor shrinks.



4 Continue to hold the shutter button down halfway (AF/AE lock). Move the camera back to the original image and then fully press down on the shutter button.

### ◆ AF/AE Lock ◆

On the FinePix A203/A303, 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.

- 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.