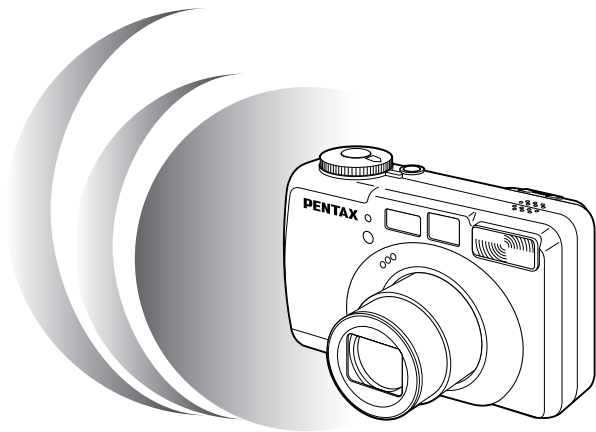


PENTAX™

Digital Camera

Optio 550

Operating Manual




To ensure the best performance from your camera, please read the Operating Manual before using the camera.

Thank you for buying the Pentax Optio 550 Digital Camera. Please read this manual before using the camera in order to get the most out of all the features and functions. Keep this manual safe, as it can be a valuable tool in helping you to understand all the camera's capabilities.

Regarding copyrights

Images taken using the Optio 550 that are for anything other than personal enjoyment cannot be used without permission according to the rights as specified in the Copyright Act. Please take care, as there are even cases where limitations are placed on taking pictures even for personal enjoyment during demonstrations, industrial enterprise or as items for display. Images taken with the purpose of obtaining copyrights also cannot be used outside the scope of use of the copyright as laid out in the Copyright Act, and care should be taken here also.

Regarding trademarks

- The SD logo  is a trademark.
- PENTAX is a trademark of PENTAX Corporation.
- Optio is a trademark of PENTAX Corporation.
- All other brands or product names are trademarks of registered trademarks of their respective companies.
- This product supports PRINT Image Matching II.
When used in combination, PRINT Image Matching II enabled digital still cameras, printers and software help photographers to produce images more faithful to their intentions.

Copyright 2001 Seiko Epson Corporation. All Rights Reserved.

PRINT Image Matching is a trademark of Seiko Epson Corporation.

FOR SAFE USE OF YOUR CAMERA

Sufficient attention has been paid to the safety of this product but please pay particular attention to the warnings indicated by the following symbols during use.



Warning These symbols indicate that it is possible that the user may experience serious difficulties if the warnings are not heeded.



Caution These symbols indicate that it is possible that the user may experience minor or middling difficulties or physical difficulties if the warnings are not heeded.



Warning:

- Do not attempt to take the camera apart or remodel the camera. High voltages are present within the camera, and there is therefore a danger of electric shocks.
- If the inside of the camera should become exposed as a result of, for example, the camera being dropped, please do not under any circumstances touch such exposed portions, as there is a danger of receiving an electric shock.
- Wrapping the strap of the camera around your neck is also dangerous, please take care that small children do not hang the strap around their necks.
- To avoid the risk of it being swallowed by mistake, keep the SD Memory Card out of the reach of small children. Seek medical attention immediately if accidentally swallowed.
- Use an AC adapter that are of the power and voltage specified for exclusive use with this product. The use of an AC adapter other than that specified exclusively for use with this product may cause fire or electric shocks.
- If the camera emits smoke or a strange smell, or in the event of any other irregularity, stop using the camera immediately, remove the battery or disconnect the AC adapter and contact your nearest Pentax service center. Continued use of the camera may result in fire or electric shock.
- Discontinue use of the AC adapter during thunderstorms. This can cause a fire or electrical shock.



Caution:

- Never try to disassemble, short the battery. Also, do not dispose of the battery in fire, as it may explode.
- Remove the battery from the camera immediately if it becomes hot or begins to smoke. Be careful not to burn yourself during removal.
- Some portions of the camera heat up during use, so please take care, as there is a risk of low temperature burns if such portions are held for long periods of time.
- Do not place your finger on the flash when it is discharging as there is a risk of burns.
- If any of the battery leakage should come in contact with your eyes, do not rub them. Flush your eyes with clean water and get medical attention immediately.
- If any of the battery leakage should come in contact with skin or clothes, wash the affected areas thoroughly with water.

Care to be Taken During Handling

- Do not clean the product with organic solvents such as thinner or alcohol benzene.
- Places of high temperature and humidity should be avoided. Particular care should be taken regarding vehicles, which can become very hot inside.
- Storing the camera where pesticides and chemicals are handled should be avoided. Remove from case and store in a well-ventilated place to prevent the camera from becoming moldy during storage.
- Do not use the camera where it may come in contact with rain, water or any other liquid, because the camera is not weather, water, or liquid resistant. Should the camera get wet from rain, splashing water, or any other liquid, wipe it off immediately with a dry soft cloth.
- Ensure that the camera is not subjected to substantial vibrations, shocks or pressure. Place the camera on a cushion for protection when the camera is subjected to the vibrations of a motorbike, car, or ship, etc.
- The liquid crystal display will become black at temperatures of approximately 60°C (140°F) but will return to normal when normal temperatures are returned to.
- The response speed of the liquid crystal display becomes slow at low temperatures. This is due to the properties of the liquid crystal and is not a fault.
- Remove dust from the lens and viewfinder using a blower or clean off dust using a lens brush.
- Periodic checks are recommended every 1 to 2 years in order to maintain high-performance.
- When the camera has not been used for a long time, confirm that it is still working properly, particularly prior to taking important pictures (such as at a wedding or during travelling). Pentax is not responsible for consequential damages (costs incurred as a result of taking pictures, loss of benefits that were to be obtained through taking pictures) arising from failure of this product.
- If the camera is subjected to rapid temperature changes, condensation may form on the inside and outside of the camera. Therefore put the camera in a bag or plastic bag, and take the camera out when the difference in temperature has subsided.
- The temperature range in which the camera can be used is 0°C to 40°C (32°F to 104°F).
- Avoid contact with garbage, dirt, sand, dust, water, toxic gases, salt, etc. as this may cause damage to the camera. If rain or drops of water get onto the camera, please wipe dry.
- Refer to "Precautions When Using an SD Memory Card/MultiMediaCard" (p.17) regarding the SD Memory Card/MultiMediaCard.
- Be sure to use the rechargeable lithium-ion battery D-LI7 provided for this camera. If you use any other battery the camera may be damaged or malfunction.

To users of this camera

- There is a possibility that recorded data may be erased or that the camera may not function correctly when used in surroundings such as installations generating strong electromagnetic radiation or magnetic fields.
- The liquid crystal panel used in the LCD display is manufactured using extremely high precision technology. Although the level of functioning pixels is 99.99% or better, you should be aware that 0.01% or fewer of the pixels may not illuminate or may illuminate when they should not. However, this has no effect on the recorded image.
- There is a possibility that the illustrations and the display screen of the LCD monitor in this manual are different from the actual product.

| | |
|---|-----------|
| FOR SAFE USE OF YOUR CAMERA | 1 |
| Care to be Taken During Handling | 2 |
| Contents | 4 |
| Contents of the Operating Manual | 7 |
| Checking the Contents of the Package | 8 |
| Name of Parts | 9 |
| Names of Operating Parts | 10 |
| Getting Started | 11 |
| Attaching the Strap | 11 |
| Powering the Camera | 12 |
| Charging the Battery | 12 |
| Installing the Battery | 13 |
| Using the AC Adapter (optional) | 15 |
| Installing the SD Memory Card/ MultiMediaCard | 16 |
| Turning the Camera On and Off | 18 |
| Adjusting the Viewfinder | 19 |
| Initial Settings | 20 |
| Setting the Display Language | 20 |
| Setting the Home Town | 21 |
| Setting the D.S.T. Mode | 21 |
| Setting the Date and Time | 22 |
| Quick Start | 24 |
| Taking Still Pictures | 24 |
| Playing Back Still Pictures | 26 |
| Playing Back Images | 26 |
| Playing Back Previous or Next Images | 26 |
| How to View the Recorded Images | 28 |
| Common Operations | 30 |
| Changing the Mode | 30 |
| Using the Button Functions | 31 |
| Capture Mode | 31 |
| Playback Mode | 33 |
| Using the Menus | 34 |
| How to Set the Menus | 34 |
| Menu List | 36 |
| Taking Pictures | 38 |
| Displaying Shooting Information (Capture Mode) | 38 |
| Setting the Shooting Functions | 40 |
| Selecting the Focus Mode | 40 |
| Selecting the Flash Mode | 42 |
| Selecting the Recorded Pixels | 43 |
| Selecting the Quality Levels | 44 |
| Adjusting the Color Balance according to Lighting (White Balance) | 45 |
| Changing the AF Area (Focusing Area) | 47 |
| Setting the Light Metering Range to Determine the Exposure (AE Metering) | 48 |

| | |
|---|-----------|
| Setting the Sensitivity | 49 |
| Setting the Instant Review time (Instant Review) | 50 |
| Setting the Image Sharpness (Sharpness) | 51 |
| Setting the Color Saturation (Saturation) | 52 |
| Setting the Image Contrast (Contrast) | 53 |
| Taking Pictures | 54 |
| Letting the Camera Set the Exposure (Program Mode) | 54 |
| Setting the Aperture Value (Aperture Priority Mode) | 55 |
| Setting the Shutter Speed (Shutter Priority Mode) | 56 |
| Setting the Exposure Manually (Manual Exposure Mode) | 57 |
| Selecting the Picture Mode According to the Shooting | 59 |
| Scene (Picture mode) | 59 |
| Taking Movie Pictures (Movie Picture Mode) | 61 |
| Taking Panorama Pictures (Panorama Assist Mode) | 63 |
| Taking Stereo Pictures (3D Image Mode) | 65 |
| Taking Pictures with Digital Filters (Digital Filter Mode) | 70 |
| Using Preset Function Settings (User Mode) | 72 |
| Recording Sound (Voice Recording Mode) | 73 |
| Using the Zoom | 74 |
| EV Compensation | 76 |
| Using the Self-Timer | 77 |
| Using the Remote Control Unit (optional) | 78 |
| Continuous Shooting | 79 |
| Taking Pictures at Fixed Intervals (Interval Shooting) | 80 |
| Superimposing One Picture on Top of Another (Multiple Exposure Mode) | 82 |
| Automatically Changing the Shooting Conditions (Auto bracket) | 84 |
| Taking Fast Forward Movie Pictures (Fast Fwd Movie) | 86 |
| Saving the Settings (Memory) | 87 |
| Saving the Menu Items (Memory) | 87 |
| Registering Functions in User Mode | 88 |
| Playback/Erasing | 89 |
| Playing Back Images and Sound | 89 |
| Playing Back Still Pictures | 89 |
| Zoom Display | 89 |
| Adding a Voice Memo | 90 |
| Playing Back Movie Pictures | 91 |
| Playing Back Sound | 92 |
| Playing back Shooting Information (Playback Mode) | 93 |
| Nine-image Display | 94 |
| Slideshow | 95 |
| Erasing Images | 96 |
| Erasing a Single Image or Sound | 96 |
| Erasing All Images | 98 |
| Protecting Images from Deletion (Protect) | 99 |
| Viewing Images on a TV | 100 |
| Setting the Printing Service (DPOF) | 101 |
| Printing Single Image | 101 |
| Printing All Images | 103 |

| | |
|---|------------|
| Viewing Images with your PC | 104 |
| About the included software | 104 |
| System environment | 104 |
| Installing the software | 105 |
| Displaying and copying images using ACDSee™ | 112 |
| Joining panorama images using ACD photostitcher | 113 |
| Disconnecting the camera from your computer | 116 |
| Viewing Images with your Macintosh | 118 |
| About the included software | 118 |
| System environment | 118 |
| Installing the software | 118 |
| Displaying and copying images using ACDSee™ | 120 |
| Disconnecting the camera from your Macintosh | 121 |
| Editing/Settings | 123 |
| Editing Images | 123 |
| Changing the Image Size | 123 |
| Trimming Images | 125 |
| Camera Settings | 126 |
| Formatting a SD Memory Card/MultiMediaCard | 126 |
| Changing the Sound Settings | 127 |
| Setting the Date Style | 129 |
| Changing the Date/Time | 130 |
| Setting the World Time | 130 |
| Changing the Display Language | 132 |
| Changing the Video Output Format | 132 |
| Changing the Start-up Screen | 133 |
| LCD Power Saving (Sleep Timeout) | 134 |
| Setting Auto Power Off | 134 |
| Setting the Quick Delete Function | 135 |
| Setting the Quick Zoom Function | 135 |
| Registering Functions | 136 |
| Adjusting the Focus Limit | 138 |
| Resetting to Default Settings (Reset) | 138 |
| Setting the Alarm | 139 |
| Checking the Alarm | 139 |
| Setting the Alarm | 139 |
| Turning the Alarm Off | 140 |
| Appendix | 141 |
| List of City Names | 141 |
| List of Menu Default Settings | 142 |
| Adjustable [Rec.Mode] Menu Items by Shooting Mode | 144 |
| Messages | 145 |
| Troubleshooting | 147 |
| Optional Accessories | 150 |
| WARRANTY POLICY | 151 |
| Main Specifications | 152 |

Contents of the Operating Manual

This Operating manual contains the following chapters.

● Getting Started

This chapter explains what you need to do after purchasing the camera before you start taking pictures. Be sure to read it and follow the instructions.

● Quick Start

This chapter explains the simplest way to take pictures and play back images. Use it if you want to start taking pictures straightaway. It also tells you how to use the SD Memory Card/MultiMediaCard.

● Common Operations

This chapter explains common operations such as the functions of the mode dial and buttons, and how to use the menus. For more details, refer to the respective [Taking Pictures], [Playback/Erasing] and [Editing/Settings] chapters.

● Taking Pictures

This chapter explains the various ways of capturing images and how to set the relevant functions.

● Playback/Erasing

This chapter explains how to play back images on the camera or on a TV and how to delete images.









● Editing/Settings

This chapter explains how to edit images and set the camera-related functions.

● Appendix

This tells you about the messages displayed on the LCD monitor and what to do in the event of trouble.

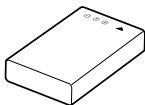
The meanings of the symbols used in this Operating manual are explained below.

| | |
|--|---|
|  | indicates the reference page number for an explanation of the related operation. |
|  | indicates information that is useful to know. |
|  | indicates precautions to be taken when operating the camera. |
| M Tv Av P PICT     USER  | The icons above the title show the Capture modes, that can activate the function. |

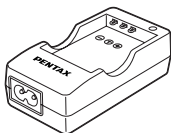
Checking the Contents of the Package



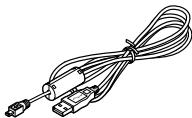
Camera
Optio 550



Lithium-ion battery
D-LI7
(Rechargeable) (*)



Battery charger
(D-BC7) (*)



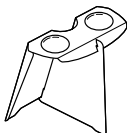
USB cable
I-USB7 (*)



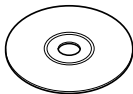
AV cable
I-AVC7 (*)



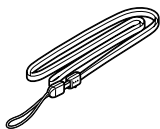
AC plug cord
D-CO2 (*)



3D Image Viewer
O-3DV1



Software (CD-ROM)
S-SW7



Strap
O-ST5 (*)



Operating Manual
this manual

About items marked with (*)

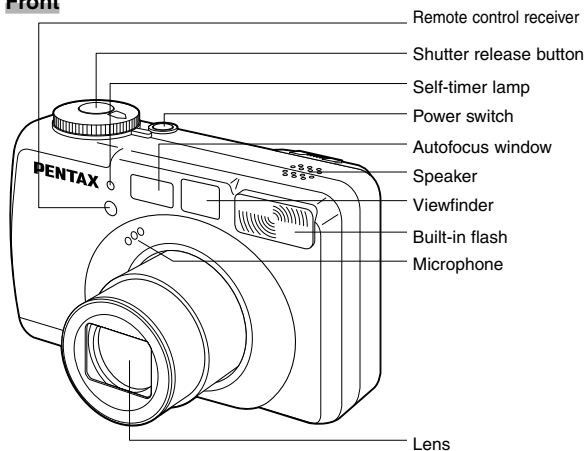
* Items marked with (*) are also available as optional accessories. For other optional accessories, refer to the list on page 150.

* Type of AC plug cord

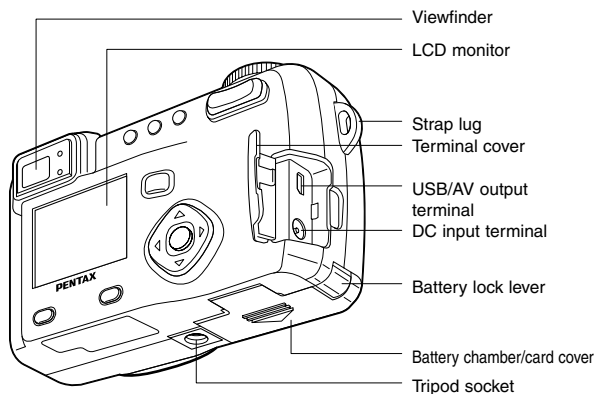
D-CO2A Australia / D-CO2B United Kingdom / D-CO2E Europe / D-CO2H
Hong Kong / D-CO2J Japan / D-CO2K Korea / D-CO2U North America,

Name of Parts

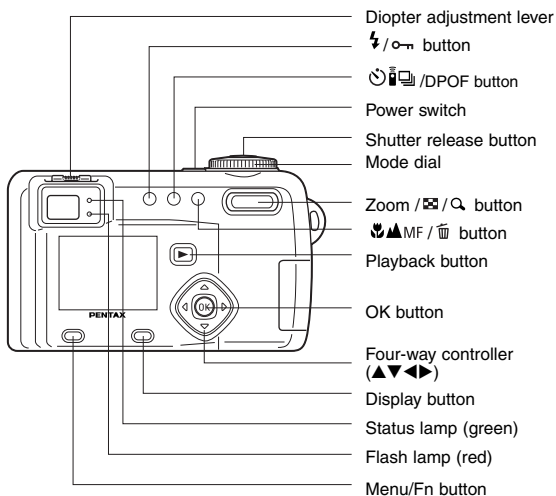
Front



Back



Names of Operating Parts

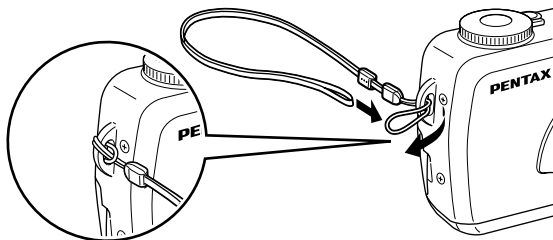


● Guide indications

A guide to available button operation is displayed on the LCD monitor during operation. The buttons are indicated as shown below.

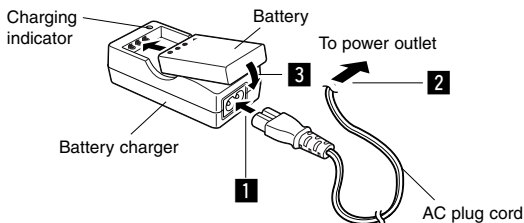
| | | | |
|-------------------------|---|--|--|
| Four-way controller (▲) | ▲ | Zoom / / button (Only for digital zoom and magnified playback) | |
| Four-way controller (▼) | ▼ | DISPLAY button | |
| Four-way controller (◀) | ◀ | DPOF button | |
| Four-way controller (▶) | ▶ | button | |
| Menu/Fn button | | button | |
| Shutter release button | | OK button | |

Attaching the Strap



Pass the narrow end of the strap through the strap lug and pass the other end through the loop.

Powering the Camera



Charging the Battery

When using the camera for the first time or when the [Battery depleted.] message is displayed, charge the battery.

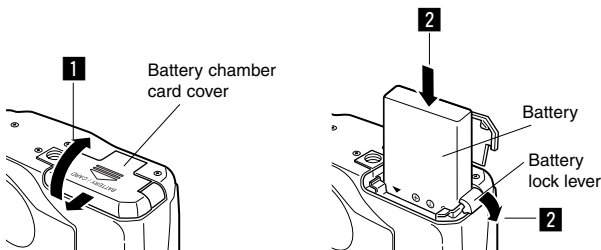
- 1 Connect the AC plug cord to the battery charger.**
- 2 Plug the AC plug cord into the power outlet.**
- 3 Place the battery in the charger with the label facing up.**
The charging indicator lights red while the battery is charging and changes to green when charging is completed.
- 4 When charging is completed, remove the battery from the battery charger.**



- The time required for full charge is about 180 minutes maximum. The appropriate ambient temperature range for charging the battery is 0°C-40°C (32°F to 104°F).
- The charging time may vary depending on the ambient temperature and charging conditions.
- When the battery reaches the end of its service life, the time that the camera can be operated becomes shorter even when the battery is fully charged. In this event, replace the battery.



- Always charge the battery after purchasing or when it has not been used for a long time.
- Use the Battery charge D-BC7 to charge the rechargeable Lithium-ion battery D-LI7 only as the charger may overheat or be damaged.
- If the battery is inserted correctly but the charging indicator fails to light, the battery may be faulty. Replace with a new battery.



Installing the Battery

Install the battery provided. When using the camera for the first time, charge the battery before installing.

- 1** Slide the battery chamber/card cover in the direction indicated by the arrow to open the battery chamber/card cover.
- 2** Insert the battery with the label facing towards the lens while using the side of the battery to press the battery lock lever in the direction indicated by the arrow. When you have inserted the battery, check that it is firmly secured by the battery lock lever.
- 3** Close the battery chamber cover.
To remove the battery, release the battery by using your finger to press the battery lock lever in the same direction as when you inserted the battery, and pull the battery out.



If you intend to use the camera continuously for a long period, use of the AC adapter D-AC7 (optional) is recommended. (p.15)



- The rechargeable lithium-ion battery D-LI7 is exclusively for powering this camera. If you use any other battery the camera may be damaged or malfunction.
- Do not remove the battery when the camera is turned on.
- If you do not intend to use the camera for a long time, remove the battery.
- If the camera is left without the battery for a long time, the date setting will be reset.
- Insert the battery correctly. If the battery is incorrectly oriented, it may cause malfunction.

● Approximate Operating Time (when the D-LI7 battery is fully charged)

Number of recordable images : Approx. 400 (when 50% shooting uses flash, LCD monitor ON)


Playback time : Approx. 210 min.





* The description above is based on Pentax measuring conditions and may vary depending on capture mode and shooting conditions.

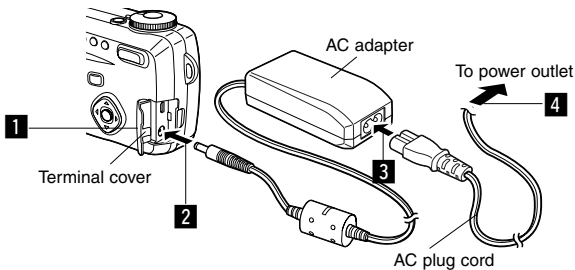


Generally, battery performance is temporarily deteriorate as temperature decreases. When the camera is used in a cold environment, keep this product warm by holding it in some protection against cold or inside the clothes. Battery performance once deteriorated due to low temperature will be recovered when the batteries are returned to room temperature.

● Battery Level Indicator

You can check the battery level by the  symbol displayed on the LCD monitor.

| | |
|--|---|
|  (lit green) | : Adequate power remains. |
| ↓ | |
|  (lit green) | : Battery is running low. |
| ↓ | |
|  (lit yellow) | : Battery is running very low. |
| ↓ | |
|  (lit red) | : Battery is exhausted. |
| ↓ | |
| [Battery depleted.] | : After the message is displayed, the camera will turn off. |



Using the AC Adapter (optional)

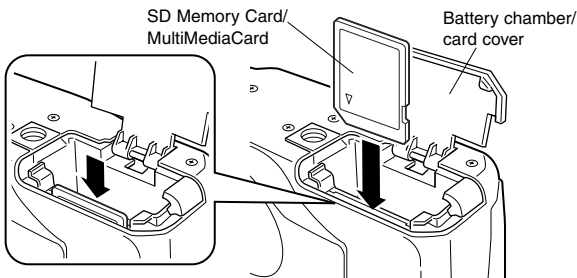
If you intend to use the LCD monitor for a long time or connect the camera to a PC, use of the AC adapter D-AC7 (optional) is recommended.

- 1** Make sure that the camera is turned off and opening the terminal cover.
- 2** Connect the DC terminal on the AC adapter to the DC input terminal on the camera.
- 3** Connect the AC plug cord to the AC adapter.
- 4** Plug the AC plug cord into the power outlet.

Caution

- Make sure that the camera is turned off when connecting or disconnecting the AC adapter.
- Make sure that the AC plug cord and connecting cord are inserted securely. If the cord becomes disconnected while you are taking pictures, the data may be lost.
- When using the AC adapter D-AC7, be sure to read the operating manual accompanying the AC adapter.

Installing the SD Memory Card/ MultiMediaCard



MultiMediaCards and the SD Memory Card can be used with this camera. Captured images or recorded voice are recorded on the SD Memory Card/MultiMediaCard. Make sure that the camera is turned off before inserting or removing the SD Memory Card/MultiMediaCard.

- 1 Open the battery chamber/card cover.**
- 2 Rotate the card with the surface of the card having the ▲ symbol facing towards the lens and with the pin-connector edge of the card towards the slot and insert fully until it clicks.**
If the card is not inserted correctly, images and voice memos may not be recorded properly.
- 3 Close the battery chamber/card cover.**
To remove the card, eject the card by pressing it in the direction indicated by the arrow, and pull it out.

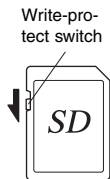
● Approximate Number of Recordable Images and Recorded pixels/Quality levels

| Quality levels Recorded pixels | Best (★★★) | Better (★★) | Good (★) | Movie images (320 × 240) | voice recording |
|-----------------------------------|---------------|----------------|-------------|-----------------------------|--------------------|
| 2592 × 1944 | Approx. 4 | Approx. 8 | Approx. 14 | Approx. 40sec. | Approx. 30min. |
| 2048 × 1536 | Approx. 7 | Approx. 12 | Approx. 18 | | |
| 1600 × 1200 | Approx. 11 | Approx. 20 | Approx. 27 | | |
| 1024 × 768 | Approx. 25 | Approx. 45 | Approx. 56 | | |
| 640 × 480 | Approx. 53 | Approx. 82 | Approx. 100 | | |

- The above table indicates the number of images when using a 16MB SD Memory Card.
- As TIFF data is uncompressed, it cannot be stored on a 16MB SD Memory Card/MultiMedia card. To take pictures in TIFF format, use a card with a capacity of 32MB or more.
- The above table is based on standard shooting conditions specified by PENTAX and may vary depending on the subject, shooting conditions, capture mode, SD Memory Card, etc.

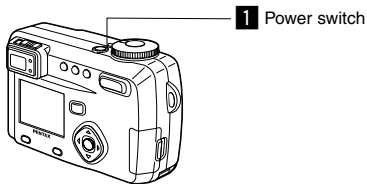
● Precautions When Using a SD Memory Card/MultiMediaCard

- Make sure that the camera is turned off before opening the battery chamber/card cover.
- The SD Memory Card is equipped with a write-protect switch. Setting the switch to [LOCK] protects the existing data by prohibiting recording of new data, deletion of existing data or formatting of the card.



- The SD Memory Card/MultiMediaCard formatted by the other equipment than this camera cannot be used for PC, etc. Formatting must be done by this camera.
- Care should be taken if you remove the SD Memory Card/MultiMediaCard immediately after using the camera, as the card may be hot.
- Do not remove the SD Memory Card/MultiMediaCard or turn the camera off while data is being recorded on the card or transferred to PC using USB cable as this may cause the data to be lost or the card to be damaged.
- Do not bend the SD Memory Card/MultiMediaCard or subject it to violent impact. Keep it away from water and store away from high temperature.
- Be sure to format unused SD Memory Card/multimedia cards or SD Memory Card/multimedia cards that have been used on another camera. Refer to "Formatting a SD Memory Card/MultiMediaCard" (p.126) for instructions on formatting.
- Never remove the SD Memory Card/MultiMediaCard during formatting as this may cause the card to be damaged and become unusable.
- The data on the SD Memory Card/MultiMediaCard may be erased in the following circumstances. Pentax does not accept any liability for data that is erased
 - when the SD Memory Card/MultiMediaCard is mishandled by the user.
 - when the SD Memory Card/MultiMediaCard is exposed to static electricity or electrical interference.
 - when the card has not been used for a long time.
 - when the card is ejected, the AC adapter is disconnected or the battery is removed while the data on the card is being accessed.
- The SD Memory Card/MultiMediaCard has a limited service life. If it is not used for a long time, the data on the card may become unreadable. Be sure to make a backup of important data on a PC.
- Avoid using or storing the card where it may be exposed to static electricity or electrical interference.
- Avoid using or storing the card in direct sunlight or where it may be exposed to rapid changes in temperature or to condensation.

Turning the Camera On and Off




1 Press the power switch.



The camera will turn on.

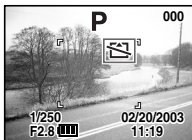
When the camera is turned on the lens cover opens and the lens extends.

Press the power switch again to turn the camera off.

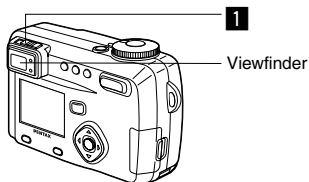
Card Check

When the camera is turned on, it automatically performs a card check. If no SD Memory Card/MultiMediaCard has been inserted,  appears on the LCD monitor.

And if the write-protect switch is set to LOCK,  will be displayed instead of , and the images or sound cannot be recorded.



Adjusting the Viewfinder

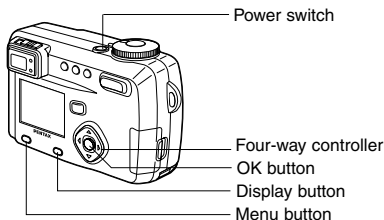


If the subject through the viewfinder are hard to see, you can adjust the diopter in the range of -3 m^{-1} to $+1 \text{ m}^{-1}$ (per meter).

- 1 Aim the camera at the bright subject. While looking through the viewfinder, move the diopter adjustment lever to the left or right until the subject appears in the sharpest focus.**

For easy adjustment, point the camera at a subject with clearly defined outlines.

Initial Settings

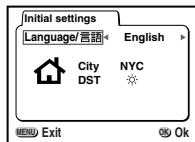


If the initial settings screen appears when you turn the camera on, follow the procedure below to set the display language, Home Town, DST, video output format and current date and time. If the date and time that appear at the bottom right of the LCD monitor when you turn the camera on for the first time is not the current time, follow the instructions for “Changing the Date/Time” (p.130) to set the correct date and time.

Setting the Display Language

You can choose the language in which the menus, error messages, etc. are displayed from the following: English, French, German, Spanish, Italian and Japanese.

- 1 Turn the camera on.**
- 2 Use the four-way controller (◀▶) to select the display language.**
The default setting is English.
- 3 Press the four-way controller (▼).**
The screen for setting the next item will be displayed.

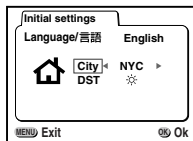


- You can change the setting after it has been made. Refer to “Changing the Display Language” (p.132).

Setting the Home Town

You can choose the city (Home Town) in which you will use the camera.

- 1 Press the four-way controller (◀▶) to select the desired city (Home Town).**
- 2 Press the four-way controller (▼).**
The screen for setting the next item will be displayed.

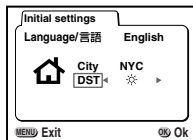


- See p.141 for the list of cities and corresponding code names.
- You can change the setting after it has been made. Refer to “Setting the World Time” (p.130).

Setting the D.S.T. Mode

You can choose whether or not to display the ☀ (Daylight Saving Time) mode.

- 1 Use the four-way controller (◀▶) to select ☀ or ☀.**
The default setting is (Off).
- 2 Press the four-way controller (▼).**
The screen for setting the next item will be displayed.

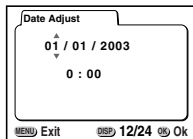


- You can change the setting after it has been made. Refer to “Setting the World Time” (p.130).

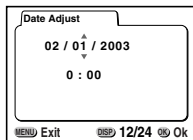
Setting the Date and Time

Set the current date and time.

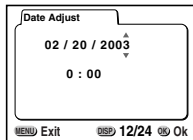
- 1 Use the four-way controller (▲▼) to change the month.**



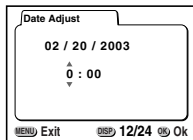
- 2 Press the four-way controller (▶). ▲ and ▼ will be displayed above and below the day.**



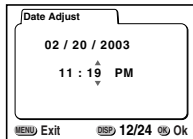
- 3 Use the four-way controller (▲▼) to change the day and press the four-way controller (▶). ▲ and ▼ will be displayed above and below the year.**



- 4 Repeat Step 3 to change the [year] [hour] and [minutes].**



- 5 Use the Display button to select the 12-hour or 24-hour display format.**



6 When you have finished the settings, press the OK button when the clock reaches 00 seconds.

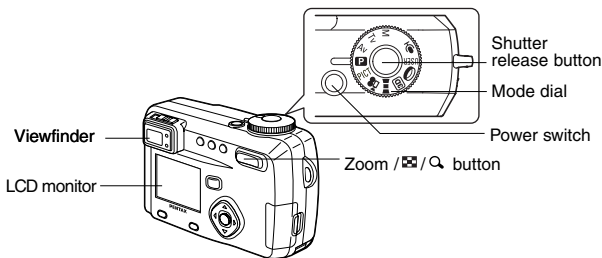
The camera is ready to take a picture.

When you set date and time except the initial settings, press the OK button again after pressing the OK button when the clock reaches 00 seconds to return to capture mode.



-
- For an accurate time setting, when you have finished the settings, press the OK button when the clock reaches 00 seconds.
 - When the initial settings screen is displayed, you can cancel the settings operation and switch to Capture mode by pressing the MENU/Fn button. If this is done, the initial settings screen will be displayed next time you turn the camera on.
 - You can change the settings after they have been made. Refer to “Changing the Date/Time” (p.130).

Taking Still Pictures



For the simplest procedure to take still pictures:
The flash fires automatically depending on the light conditions.

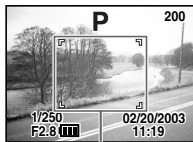
- 1 Press the power switch.**
The camera will turn on.
- 2 Set the mode dial to **P**.**
- 3 Confirm the subject and shooting information on the LCD monitor.**

The focus area in the middle of the LCD monitor indicates the zone of automatic focusing. You can change the size of the subject by pressing the Zoom button.

▲ : makes the subject bigger.

▲▲▲ : makes the subject smaller.

You can check the size of the subject by looking through the viewfinder.



Focus Area



As there is no focus area in the viewfinder, be sure to check the focusing area on the LCD monitor.

4 Press the shutter release button.

The image will be displayed on the LCD monitor for 2 seconds (Instant Review) and recorded on the SD Memory Card/MultiMediaCard. (The green and red lamps on the right of the viewfinder blink alternately while the image is being recorded on the SD Memory Card/MultiMediaCard.)

Using the Shutter Release Button

The shutter release button works in a two-step action.

● Press halfway

When the shutter release button is pressed lightly (halfway), the focus and exposure are locked.

They remain locked while the button is pressed halfway, and the shutter speed and aperture are displayed on the LCD monitor.

You can find the following information on the LCD monitor, the status lamp and the flash lamp.

① Autofocus area

If the subject is in focus, the frame will light green. If the subject is out of focus, the frame will not appear.

② Focus status lamp & Flash status lamp


| status | Focus status lamp (green) | Flash status lamp (red) |
|--------|---------------------------|-------------------------|
| lit | Subject is in focus | Flash is charged |
| blink | Subject is out of focus | Flash is charging |

You cannot take a picture while the flash is charging.

● Pressed down fully

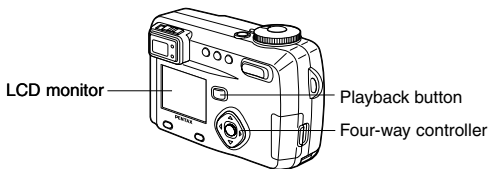
The picture is taken.

Instant Review

The Instant Review default setting is 2 seconds. During this time you can delete the image by pressing the  button (The [Delete] menu will be displayed.), and selecting [Delete], and then pressing the OK button. To start recording a voice memo, press the OK button during Instant Review. Press the OK button again to stop recording.

Setting the Instant Review Time  p.50

Playing Back Still Pictures



Playing Back Images

You can display the still picture.

- 1 Press the Playback button after taking a picture.**
The image taken will be displayed on the LCD monitor.

Playing Back Previous or Next Images

Still images can be played back one at a time, proceeding either forward or backward.

- 1 Press the Playback button after taking a picture.**
An image will be displayed on the LCD monitor.
- 2 Press the four-way controller (◀▶).**





displays the previous image.





displays the next image.

Erasing the image displayed on the LCD monitor

While the image is displayed, you can erase it by pressing the  button (The Delete screen will be displayed.), press the four-way controller () to select [Delete], and then pressing the OK button. Press the Playback button or press the shutter release button halfway to return to shooting status.



- When you turn the camera on while pressing the Playback button, the camera turns on in Playback Only mode. As the lens does not extend in Playback Only mode, this feature is useful when you want to pass the camera to someone and show them the picture you have just taken. To switch to the Capture mode, turn the camera off and then turn it on again.
- You can enlarge the image displayed on the LCD monitor by pressing the Zoom// button.
- When the screen is changed to the playback screen, the image with the largest file number will be displayed first.
- In the case of movie pictures, the first frame will be displayed.
- If there are no images stored, the [No image] message will be displayed.

Zoom Display  p.89

Adding a Voice Memo  p.90

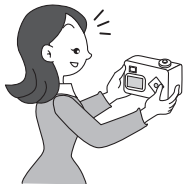
How to View the Recorded Images


Images taken with the Optio 550 camera are recorded on the SD Memory Card/MultiMediaCard. You can view the images recorded on the card on the camera itself, transfer them to your PC and print them out.



Viewing images on the camera


One of the advantages of a digital camera is that it enables you to view your pictures immediately after you have taken them. You can check the composition and focus and take the picture again if you are not satisfied.



Playing Back Images and Sound  p.89~p.95

Viewing images on a TV



If you want to show your pictures to friends, you can display them on your TV monitor. To view images on your TV, connect the camera to the TV with the AV cable.

Viewing Images on a TV  p.100



Viewing images on a PC


You can view recorded images and edit them on the PC just by connecting the camera to the PC with the USB cable and downloading the images (you need to install the USB driver if you are using Windows 98). Or you can remove the SD Memory Card/MultiMediaCard from the camera and transfer the data to your PC using a card reader. If you use a laptop computer, you can transfer the image data by fitting the SD Memory Card/MultiMediaCard into the card adapter and inserting the card adapter into the card slot.

Viewing Images with your PC  p.104
Viewing Images with your Macintosh  p.118



Printing images by a printing service

Prints of images recorded on the SD Memory Card/MultiMediaCard can be ordered in the same way as with conventional photographs by taking the SD Memory Card/MultiMediaCard to a store that performs printing. The number of prints can be specified and dates can be included in the prints if DPOF (Digital Print Order Format) is set before taking the SD Memory Card/MultiMediaCard to a store that performs DPOF printing.

Setting the Printing Service  p.101



Changing the Mode






Capture mode is for taking pictures and voice recording. Playback mode is for playing back or erasing images and sound.

Switching Between Capture Mode and Playback Mode

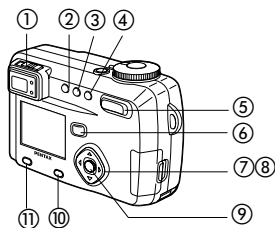
- To change from Capture mode to Playback mode, press the Playback button.
- To change from Playback mode to Capture mode, press the Playback button or the shutter release button halfway.

Selecting the Capture Mode

- 1** Turn the mode dial so that the mark is on **M Tv Av P**
 PICT     **USER** or .

| | | | |
|---|-------------------|---|------|
| M | Manual exposure | You can set the shutter speed and aperture manually. | p.57 |
| Tv | Shutter priority | You can set the shutter speed manually, and the aperture is set automatically. | p.56 |
| Av | Aperture priority | You can set the aperture manually, and the shutter speed is set automatically. | p.55 |
| P | Program | The shutter speed and aperture are set automatically when taking still pictures. | p.54 |
| PICT | Picture | You can select a shooting mode from 9 modes according to the scene you are taking. | p.59 |
|  | Movie picture | This mode is for taking moving images. (Sound can also be recorded.) | p.61 |
|  | Panorama | This mode is for taking panorama pictures. | p.63 |
|  | 3D | This mode is for taking 3D pictures. | p.65 |
|  | Digital filter | This mode is for taking pictures using a variety of filters such as red, blue and green. | p.70 |
| USER | User mode | The functions are set in advance and the settings are enabled whenever the camera is turned on. | p.72 |
|  | Voice recording | This mode is for recording sound. | p.73 |

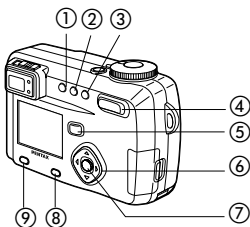
Using the Button Functions



Capture Mode

- ① **Diopter adjustment lever**
Adjusts the viewfinder for optimum clarity. (☞ p.19)
- ② **⚡ button**
Changes the flash mode. (☞ p.42)
- ③ **🕒📷 button**
Changes the shooting mode as follows.
Using the self-timer (☞ p.77)
Using the remote control unit (☞ p.78)
Continuous shooting (☞ p.79)
Multiple exposure shooting (☞ p.82)
Interval shooting (☞ p.80)
*When the Capture mode is set to 📷📷📷 30, continuous shooting, multiple exposure shooting and Interval shooting mode will be skipped.
- ④ **🔍▲MF button**
Changes the focus mode. (☞ p.40)
- ⑤ **Zoom button**
Changes the size of the subject. (☞ p.74)

- ⑥ **Playback button**
Switches to Playback mode. (☞ p.30)
- ⑦ **Four-way controller (◀▶)**
Changes the EV compensation in modes other than **M** and **☺**. (☞ p.76)
Changes the shutter speed in **M** mode. (☞ p.57)
- ⑧ **Four-way controller (▲▼)**
Adjusts the focus in **MF** mode. (☞ p.41)
Sets the aperture value in **M** and **Av** mode. (☞ p.57, 55)
Sets the shutter speed in **Tv** mode. (☞ p.56)
Selects the type of filter in **0** mode. (☞ p.70)
Selects Picture mode in **PICT** mode. (☞ p.59)
- ⑨ **OK button**
Sets the selected menu item. (☞ p.34)
When pressed in **MF** mode, the function on the four-way controller (▲▼) reverts to the function set by the mode dial.
- ⑩ **Display button**
Changes the information displayed on the LCD monitor.
(☞ p.38)
- ⑪ **Menu/Fn button**
Displays the active menus in Capture mode and retrieves the functions registered on the four-way controller. (☞ p.34, 137)



Playback Mode

- ① **Lock button**
Protects the image from erasure. (☞ p.99)
- ② **DPOF button**
Sets the DPOF data for printing pictures. (☞ p.101)
- ③ **Delete button**
Deletes the image. (☞ p.96)
- ④ **Zoom / 3x / Q button**
 ☞ displays nine images at once. (☞ p.94)
 Press -Q in normal mode to change the size of the Zoom Display image, displayed on the LCD monitor. (☞ p.89)
- ⑤ **Playback button** (☞ p.30)
Switches to Capture mode.
- ⑥ **Four-way controller (◀▶)**
Displays images one by one. (☞ p.26)
- ⑦ **OK button**
 Saves the function selected by the menu item. (☞ p.34)
 When pressed in Normal Playback mode, the voice memo starts, and when pressed again, the voice memo stops. (☞ p.90)
 When pressed in Zoom Display or Nine-image Display mode, changes to Normal Playback mode. (☞ p.89, 94)
- ⑧ **Display button**
Changes the information displayed on the LCD monitor. (☞ p.93)
- ⑨ **Menu/Fn button**
Displays the active menus in Playback mode. (☞ p.34)

Using the Menus

When you press the Menu/Fn button, the menus are displayed on the LCD monitor. You can set functions, save the settings, and change the camera settings on these menus.

How to Set the Menus

When you are making settings from a menu, a guide to operation is displayed on the LCD monitor.

1 Press the Menu/Fn button.

The menu screen will be displayed. The selected area will be underlined in green.

2 Press the four-way controller (◀▶).

Use the four-way controller (◀▶) to select the menu screen.

3 Use the four-way controller (▲▼) to select an item.

Use the four-way controller (▲▼) to move the frame up or down.

4 Use the four-way controller (◀▶) to change the setting.

4' If there is a select screen, use the four-way controller (▶) to move to the select screen.

5 Press the OK button.

The settings will be saved and the screen will return to capture or playback status.

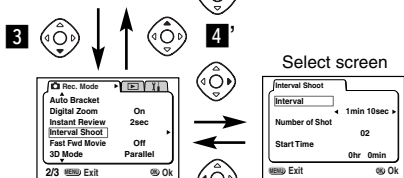
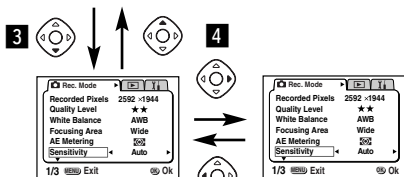
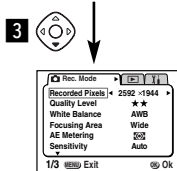
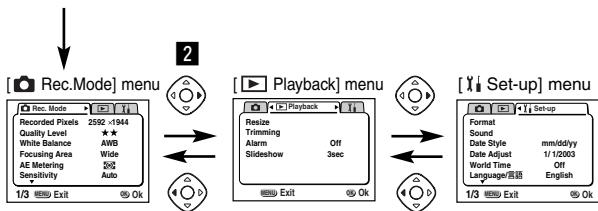
If the menu screen is not exited, press the OK button again.

Caution

- If you press any buttons except the OK button before press the OK button and leave the menu screen, any changes to setting will not be saved.
- Even if you press the OK button and leave the menu screen, if you remove the battery before turning off the camera or do not otherwise turn off the camera correctly, any changes to setting will not be saved.

Example of menu operation

1 Menu/Fn button



To the next screen



- If you press the shutter release button halfway and move the camera to Capture mode, any changes to the setting will not be saved.
- When you display the menu from Capture mode, the [Rec.Mode] menu will be displayed, and when you display the menu from Playback mode, the [Playback] menu will be displayed.

Menu List

● [📷 Rec.Mode] Menu

| Item | Description | Reference |
|-----------------|--|-----------|
| Recorded Pixels | For selecting the size of recorded pixels. | p.43 |
| Quality Level | For selecting the image compression rate. | p.44 |
| White Balance | For adjusting the color balance according to lighting. | p.45 |
| Focusing Area | For changing the Area of the autofocus. | p.47 |
| AE Metering | For setting the metering method to determine the exposure. | p.48 |
| Sensitivity | For setting the sensitivity. | p.49 |
| Auto Bracket | For setting the shooting conditions such as exposure, saturation and sharpness. | p.84 |
| Digital Zoom | For taking digital zoom pictures. | p.75 |
| Instant Review | For setting the instant review time. | p.50 |
| Interval Shoot | For taking pictures specified interval of time. | p.80 |
| Fast Fwd Movie | For delaying the frame rate when taking movie pictures (so that the movie appears speeded up when played back) | p.86 |
| 3D Mode | For taking 3D pictures. | p.65 |
| Memory | For saving the shooting function settings when the camera is turned off. | p.87 |
| Sharpness | For setting the sharpness. | p.51 |
| Saturation | For setting the saturation. | p.52 |
| Contrast | For setting the contrast. | p.53 |
| USER | For setting the functions registered in User mode. | p.88 |

Please refer to pages 142 to 144 for List of Menu Default settings and the adjustable [Rec. mode] menu items by shooting mode.

● [▶ Playback] Menu

| Item | Description | Reference |
|-----------|---|-----------|
| Resize | For changing the size of images | p.123 |
| Trimming | For trimming images | p.125 |
| Alarm | For setting the alarm to ring at specified time | p.139 |
| Slideshow | Recorded images are played successively. | p.95 |

● [⚙️ Set-up] Menu

| Item | Description | Reference |
|-----------------|---|-----------|
| Format | For formatting the SD Memory Card/MultiMediaCard | p.126 |
| Sound | For adjusting the beep sound when a button is pressed For setting the button operation, start-up, shutter sounds and volume. | p.127 |
| Date Style | For setting the date style | p.129 |
| Date Adjust | For adjusting the date and time | p.130 |
| World Time | For setting the world time | p.130 |
| Language/ 言語 | For changing the language in which menus and messages are displayed | p.132 |
| Start-up screen | For setting the Start-up screen when the camera is turned on | p.133 |
| Video Out | For setting the video output format | p.132 |
| Sleep Timeout | For setting the power saving function | p.134 |
| Auto Power Off | For turning off the power automatically. | p.134 |
| Quick Delete | When this option is turned on, the Delete screen is displayed with [Delete] or [All Images] selected. | p.135 |
| Quick Zoom | For playing back images at the maximum zoom size with the Zoom button pressed only once. | p.135 |
| Fn Setting | For registering a function on the four-way controller. | p.136 |
| Focus Limiter | For switching between limiting and not limiting lens movement during normal shooting and macro shooting. | p.138 |
| Reset | For returning the camera settings to defaults | p.138 |

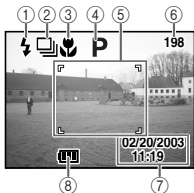
Displaying Shooting Information (Capture Mode)

You can display information on the LCD monitor when shooting. The display mode can be changed by pressing the Display button.

Display On

Shooting information is displayed.

- ① Flash mode ② Drive mode
- ③ Focus mode ④ Capture mode
- ⑤ AF area
- ⑥ Number of images can be taken
- ⑦ Data & time ⑧ Battery indicator

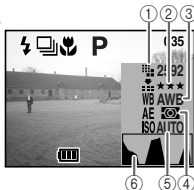


Histogram Display

The brightness distribution of the image is displayed.

The x-axis shows the brightness (darkest at the left end and brightest at the right end) and the y-axis shows the pixel numbers.

- ① Recorded pixels ② Quality level
- ③ White balance ④ AE metering
- ⑤ Sensitivity ⑥ Histogram
- When the focus mode is set to Autofocus mode, the AF area frame is displayed.



Grid Display

The grid is displayed. This is useful for composing detailed pictures.

- When the focus mode is set to Autofocus mode, the AF area frame is displayed.



Go to next page

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