

Chapter 2

MASTERING BASIC OPERATION

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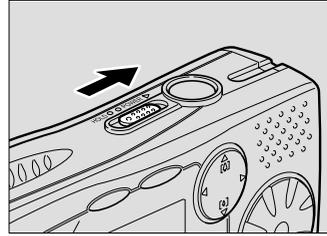
Turning the Camera On and Off

Follow the procedure below to turn the camera on and off.

1 Slide the power switch in the direction shown by the arrow (toward **POWER**).

The camera will turn on.

To turn the camera off, slide the power switch toward **POWER** again.



Auto Power Off

The auto power off function will be activated and the monitor and camera will be turned off automatically to conserve the battery if the camera is left with no buttons operated for the preset time. To resume use, turn the power on again.

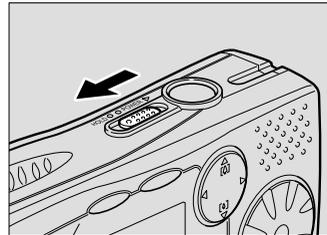
▣ See “*Changing the Auto Power Off Setting*” (p.98).



HOLD Switch

If you slide the power switch toward **HOLD**, all button operations will be disabled. Use the function to avoid misuse of the buttons during playing back music.

▣ See “*Playing Music*” (p.91).



Using the Mode Dial

The camera offers a number of modes for recording and playback. The mode dial is used to select the desired mode.

Mode dial	Mode name	Description
SETUP	Setup mode	This mode is used for changing and confirming the camera settings.
	Play mode	This mode is used for playing recorded files.
	Still Picture mode	This mode is used for normal shooting.
	Text mode	This mode is used for recording text. Colour is eliminated and the picture is recorded in 2 values, black and white.
	Continuous Shooting mode	Pictures are recorded continuously while the shutter release button is pressed.
	Motion Picture mode	This mode is used for recording motion pictures with sound.
	Voice Memo mode	This mode is used for recording voice memos.
MUSIC	Music mode	This mode is used for playing music.

1 Turn the mode dial and set it to the desired mode.

The screen displayed on the LCD monitor varies depending on the mode. Refer to the following pages for operating instructions.

- **SETUP** (Setup) (p.96)
-  (Play) (p.70)
-  (Still picture) (p.43)
-  (Text) (p.45)
-  (Continuous shooting) (p.46)
-  (Motion picture) (p.47)
-  (Voice memo) (p.48)
- **MUSIC** (Music) (p.90)

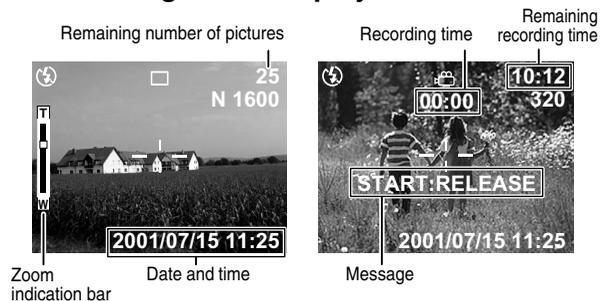
Explanation of the Data Displays

Note

- If a message is displayed, see “Error Messages” (p.113).

The LCD monitor displays symbols and figures showing the status of the camera, such as the battery level, the number of recordable images, and the mode setting.

■ Recording Mode Display

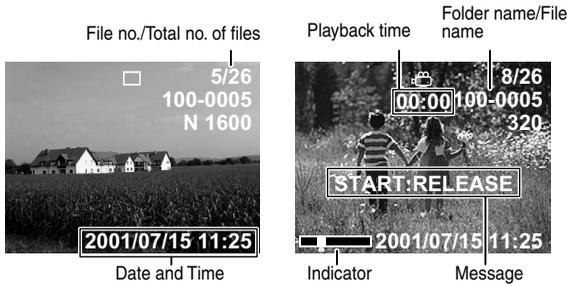


	LCD monitor
Type of file	
Size/No. of pixels	1600 • 1280 • 640 • 320
Image quality/ Compression rate	F • N • E • NC
Flash mode	(lit) (blinking)
Exposure compensation	EV-2.0 ~ EV+2.0
White balance	
Macro mode	
Focus	MF
ISO sensitivity	ISO200 • ISO400
Red-eye reduction	
Time exposure	L1 • L2 • L4
Battery symbol	
Brightness control	

* When the low battery icon () is displayed, change or charge the battery.

▶ See “Loading the Battery” (p.21) and “Charging the Battery” (p.22).

■ Play Mode Display



LCD monitor	
Type of file	
Size/No. of pixels	1600 • 1280 • 640 • 320
Protect mode	
Battery symbol	

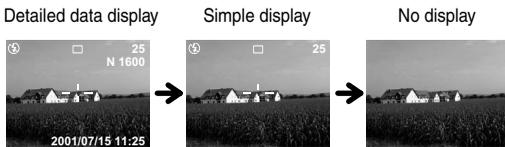
- * When the low battery icon () is displayed, change or charge the battery.
 - ▶ See “Loading the Battery” (p.21) and “Charging the Battery” (p.22).

Tips

LCD Monitor Display Function

The data display changes to show the recording mode, PIC mode, recordable picture count, etc. each time the DISPLAY button is pressed.

● Recording mode (Still picture mode)



- The detailed data display and simple display show ,  and the recording time in voice memo mode and motion picture mode.

Before You Start Recording

This section explains how to make the various camera settings, such as setting the date and time, adjusting the focus and capturing the subject.

Setting the Date and Time

Follow the procedure below to set the date and time. You will need to adjust these settings when you first use the camera and when you wish to change the preset date and time.

Note

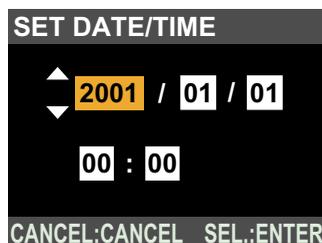
- The date and time that you set here are used as the camera data (shooting date and time).
- The time is displayed in the 24-hour clock format. Midnight is expressed as 00:00 and noon as 12:00.

1 Set the mode dial to [SETUP].

2 Press the ▲ or ▼ button to select [DATE SETTING] and press the ► button.



3 Press the ◀ or ▶ button to highlight the item you wish to adjust and press the ▲ or ▼ button to change the digit.



Note

- The date and time will be reset if the camera is left without the battery for over 20 days, such as when replacing the battery. If this occurs, set the date and time again.

4 Press the ENTER button.

Tips

How to verify the date and time

The preset date and time are displayed on the LCD monitor in recording mode.

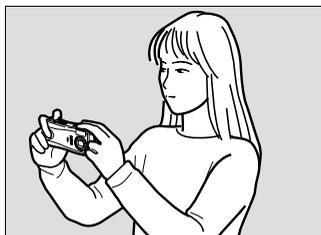
▣ See “LCD Monitor Display Function” (p.33).

How to Hold the Camera

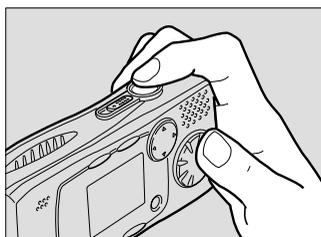
Unintentional movement of the camera during shooting will result in blurred images. To keep the camera steady, hold the camera correctly. Be particularly careful to keep the camera steady when taking telephoto zoom shots.

1 Hold the camera steady with both hands with your elbows pressed lightly to your body.

Hold the camera steady with both hands, aim it at your subject and view the image on the LCD monitor.



2 Press the shutter release button lightly with your fingertip.



Important

- Removing your finger from the shutter release button and then pressing the button down fully in one step to take a picture could result in a blurred image.

■ Precautions for use

Be careful to keep your fingers and hair and the wrist strap away from the lens and flash sensor.



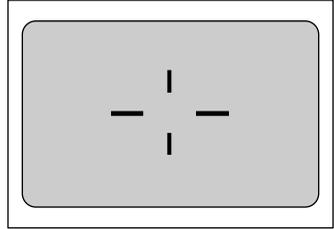
Adjusting the Focus

Follow the procedure below to check the position of the subject on the LCD monitor and adjust the focus.

■ LCD monitor

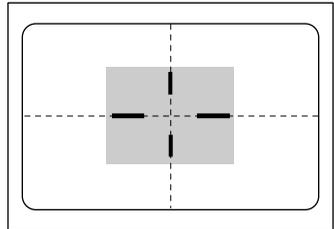
● Shooting scope

Position your subject in the middle of the LCD monitor.



● Autofocus field

This is the field in the middle of the LCD monitor, as shown in the figure, within which the focus is automatically adjusted.

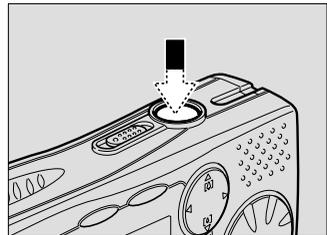


■ Shutter release button

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

● Press halfway

When you press the shutter release button lightly (halfway), the autofocus function is triggered and the camera is focused on the subject.



Note

- The dotted lines and shaded area indicated on the LCD monitor are for explanatory purposes only. There are no actual dotted lines or shaded area.

Note

- If the autofocus LED blinks, the subject is out of focus. If this occurs, use the focus lock function. See “Focus Lock Shooting” (p.44).
- If the [SLOW SHUTTER] message is displayed, take care to avoid moving the camera as the shutter speed will be slow. You are also recommended to use the flash. See “Flash Mode” (p.50).
- If [!AE] is displayed, the image is overexposed, but it can be recorded by pressing the shutter release button fully.

The autofocus LED (green) will light when the subject is in focus. The focus, exposure and white balance are locked at this point.



● Press fully

To record the image, press the shutter release button down fully from half-pressed without removing your finger.

■ Subjects on which it is difficult to focus

You may experience difficulty focusing on the following subjects.

- Objects with no contrast (such as the sky, white walls, and car hoods)
- Flat two-dimensional objects with only horizontal lines and no significant protrusions
- Fast-moving objects
- Low-brightness objects (in dark places)
- Strongly backlit objects and objects struck by strong reflected light
- Flickering objects such as fluorescent lights

When shooting subjects such as these, focus on another subject that is located at the same distance and activate the focus lock before aiming at the subject with that focus setting.

▣ See *“Focus Lock Shooting”* (p.44) and *“Manual Focus”* (p.58).

Note

- [▲] button (Tele) : The subject becomes larger.
- [▼] button (Wide) : The subject becomes smaller.

Note

- The image count displayed on the LCD monitor changes when you select a PIC mode.

Changing the Size of the Subject (Zoom)

By pressing the zoom button, you can vary the size of the subject without changing the distance between yourself and the subject (equivalent to 38-76mm in 35mm camera format).

1 Press the [▲] button or the [▼] button.



The zoom indication bar will be displayed on the LCD monitor. Adjust the subject to the desired size.

Changing the PIC (Image Quality) Mode

The camera offers six image quality modes: 1600F, 1600N, 1600E, 1600NC, 1280N and 640N. Select the mode to suit your purpose.

- The default setting is 1600N.
- NC (non-compressed) mode is for recording data without compressing it.

1 Press the PIC button.



The PIC (image quality) mode changes each time the button is pressed.

When the PIC mode is set, the mode is saved when the camera is turned off.

● Approximate file size by PIC mode

Size (No. of pixels)	Image quality (Compression rate)			
	F (Fine)	N (Normal)	E (Economy)	NC (Non-compressed)
1600 × 1200	710KB	359KB	183KB	5.5MB
1280 × 960	—	307KB	—	—
680 × 480	—	82KB	—	—

Adjusting the Brightness of the LCD Monitor

Follow the procedure below to adjust the brightness of the LCD monitor when it is hard to see, such as in strong sunlight.

- 1 Press the DISPLAY button for about 2 seconds.**
- 2 Press the ◀ or ▶ button to adjust the brightness of the LCD monitor.**



The screen will return to the normal display after about 2 seconds.

Note

- The size (number of pixels) is displayed on the LCD monitor as 1600, 1280 or 640.
- If the size is 1280 or 640, the black frame will be displayed on the LCD monitor during recording and playback.
- The size of motion pictures is 320 × 240 pixels. It is displayed on the LCD monitor as 320.
- For the number of recordable images by PIC mode, see “Recording Capacities” (p.115).

