

Chapter 2

Basic Operations

Turning On/Off the Camera	24
How to Use the Mode Dial	25
LCD Monitor and LCD Panel ..	26
Recording Mode	26
Play Mode	27
Adjusting the LCD Monitor	28
Adjusting the LCD Monitor	
Contrast	28
Using the Stylus Pen	28
Fine Adjustment of the LCD	
Monitor and Touch Screen	29
How to Select the Items	31
Using the Stylus Pen	31
Selecting and Canceling Items	32
Character Input and Writing/	
Drawing	35
Using the On-screen Keypad	35
Using the Tool Palette	37
Registering the Camera	
Information	39
Setting the Date and Time	39
Registering Owner Information	42
Before You Start Recording ...	43
Formatting the Storage Memory ..	43
Adjusting the Viewfinder Diopter ..	44
How to Hold the Camera	44

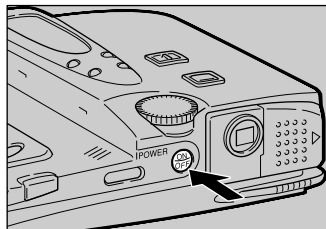
Turning On/Off the Camera

Use the power button to turn the camera on and off.

■ Turning the Camera ON

① Press the power button.

- Note** • You can turn the camera on when the LCD monitor is opened → P.122 → “Turning the Camera On/Off When the LCD Monitor is Opened”



■ Turning the Camera OFF

① Press the power button.











Auto Power Off

The camera will turn off automatically (auto power off) to conserve the battery if it is left idle (no buttons or switches operated) for a fixed time. To resume use, turn the power on again. The auto power off feature does not activate when the camera is powered by an AC adapter. → P.117 “Auto Power Off Setting”







How to Use the Mode Dial

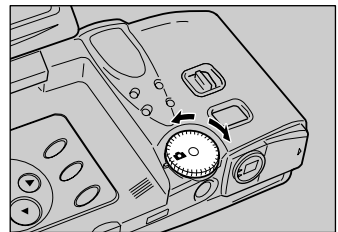
The camera offers a number of modes for shooting and playback. Use the mode dial to select the mode you need.



Mode Dial	Mode	Action
SETUP	Setup mode	For changing and verifying camera settings.
	Motion Picture mode	For recording motion pictures with sound.
	Continuous Shooting mode	Enables continuous shooting while the shutter release button is pressed.
	Text mode	Used when recording text. Eliminates gradations and records in black and white.
	Voice Memo mode	Used when recording sound.
	Still Picture mode	Basic shooting mode.
	Play mode	For playing back recorded files.
	PC mode	For connecting the camera to a PC, transmitting images from the camera to the PC and operating the camera from the PC.
	Communication mode	For transmitting images and using Internet functions.

1 Turn the mode dial to change the mode used.

The screen displayed on the LCD monitor differs according to the mode. For details of operation, refer to the following.

- SETUP (Setup) → P.116
-  (Motion Picture) → P.60
-  (Continuous Shooting) → P.59
-  (Text) → P.58
-  (Voice Memo) → P.59
-  (Still Picture) → P.55
-  (Play) → P.84



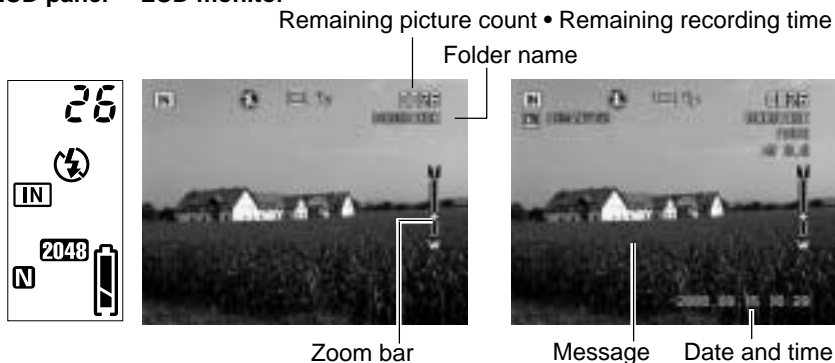
- Note** • For details of the  (PC mode) and  (Communication mode), see 'Connecting to a Personal Computer' operation manual and 'Communication/Internet' operation manual.

LCD Monitor and LCD Panel

The LCD monitor or LCD panel displays the camera status, such as the battery level, recordable picture count and mode setting, in symbols and figures.

Recording Mode

LCD panel LCD monitor

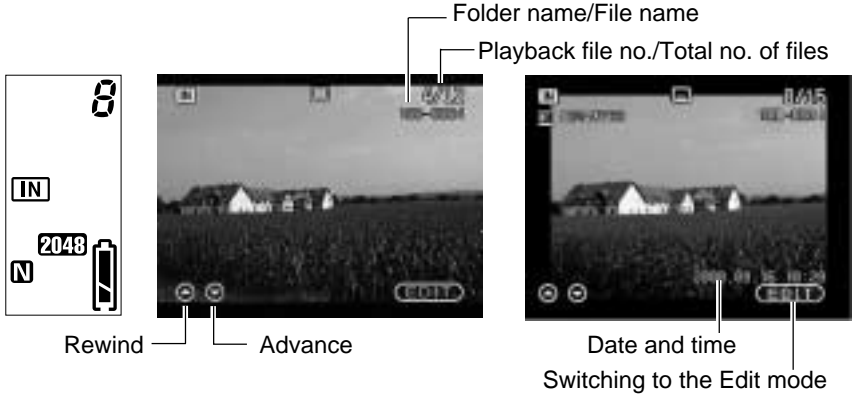


	LCD panel	LCD monitor
Storage Memory	CF PC CARD TN	PC CARD CF CARD IN
Flash mode	⚡	⚡ ⚡ ^A
Red-eye reduction mode	👁	👁
White balance	—	☀️ ☁️ 🌞 🌟
File type	🎤	📷 🎤 📄 📺 📱
Size/No. of pixels	2048 1024 640	2048 × 1536, 1024 × 768, 640 × 480
Image quality/Compression rate	F N E NC	F, N, E, NC
Exposure compensation value	—	EV -2.0 ~ EV +2.0
Digital zoom	—	× 1.3, × 1.6, × 3.2
ISO Sensitivity	—	AUTO, ISO 200, ISO 400
Auto bracket	—	AB
Focus	—	AF, MF
Macro shooting	—	🌿
Self timer mode	⌚	⌚
Battery symbol	🔋	—
Soft mode	—	SOFT
Time Exposure mode	—	L1, L2, L4, L8

Note • For details of the messages displayed on the LCD panel and LCD monitor, see “Error Messages” (P.133).

Play Mode

LCD panel LCD monitor



	LCD panel	LCD monitor
Storage memory	CF PC CARD TN	PC CARD CF CARD TN
File type	🎤	📷 🎤 📄 📁 📧
Size/No. of pixels	2048 1024 640	2048 × 1536, 1024 × 768, 640 × 480
Image quality/ Compression rate	F N E NC	F, N, E, NC
Battery symbol	🔋	—
Protect symbol	—	🔒
Voice annotation	🎤	📷
Keypad memo	—	📷

2

Basic Operations

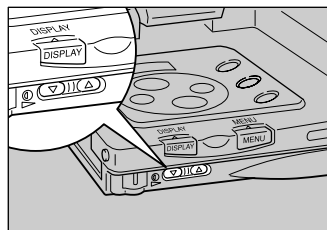
Adjusting the LCD Monitor

This section explains how to use the LCD monitor including adjusting the contrast of the LCD monitor and using the fine adjustment function.

Adjusting the LCD Monitor Contrast

If the LCD monitor is hard to see, for example in bright sunlight, adjust the contrast of the monitor.

- 1 Press the LCD contrast adjustment buttons (∇/Δ) to adjust the LCD monitor contrast to a favorable setting for viewing.

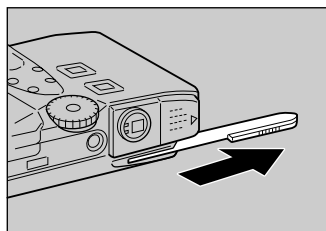


Using the Stylus Pen

■ Stylus Pen

Pull the stylus pen out in the following way and replace it after use.

- 1 Pull the stylus pen out in the direction shown by the arrow.
Replace by sliding it back in from the tip.

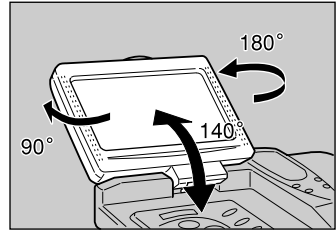


■ LCD Monitor

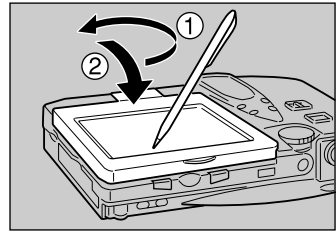
When using the stylus pen, set the LCD monitor as shown below.

① Rotate the LCD monitor as illustrated.

Do not rotate beyond the limits of the angle shown.



② Open the LCD monitor perpendicularly, rotate it at an angle of 180 degrees in the direction of the arrow and close it.



2

Basic Operations

Fine Adjustment of the LCD Monitor and Touch Screen

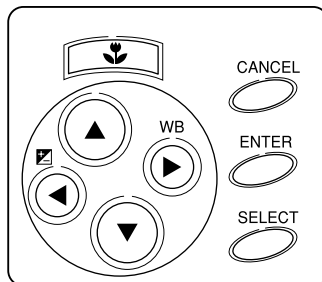
You can use the stylus pen supplied with the camera to select and set items. If the touch screen does not function properly, use the fine adjustment function to adjust the LCD monitor and touch screen.

① Set the mode dial to [SETUP].

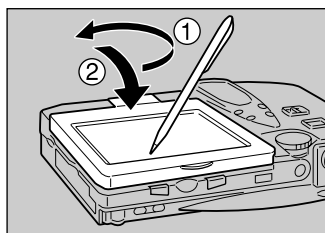
- See**
- P.24 "Turning On/Off the Camera"
 - P.25 "How to Use the Mode Dial"

- ② Move the focus (green frame enclosing an item) using the **▼** button to select [TOUCH SCREEN CALIBRATION] and press the **ENTER** button.

See • P.32 “Selecting and Canceling Items”



- ③ Flip up the LCD monitor perpendicularly, turn it 180 degrees in the direction of arrow and close it.



- ④ Touch the marks in the corners with the pen.



How to Select the Items

You can select items, and confirm or cancel camera settings using the buttons on the operation panel and stylus pen. This section explains how to use the buttons and stylus pen.

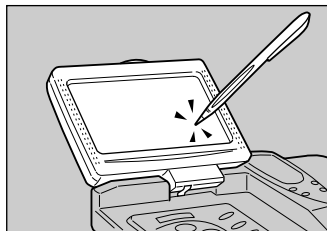
Using the Stylus Pen

Basically, the stylus pen can be used in the following two ways.

● Touching

Touching is the action of lightly pressing the screen with the pen. It is used to select items on the screen or to select the button, such as [OK] and [CANCEL].

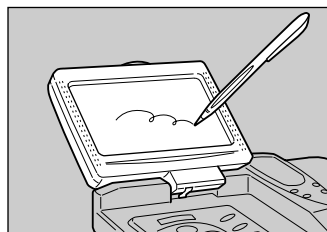
This manual contains instructions such as “Touch with the pen” and “Select with the pen”.



● Dragging

Dragging is the action of moving the pen while keeping it pressed lightly against the screen. It is used to write characters, drawing diagrams and designate the scope on the screen.

This manual contains instructions such as “Drag the pen”.









- Note** • You can perform the above operations using your finger in the same way as the stylus pen. Touch the screen lightly with the tip of your finger.

Selecting and Canceling Items

This section explains how to operate the buttons on the touch screen and stylus pen.

■ Switching the Displays







	Next screen (1)	Previous screen (2)	Exit the MENU screen
Using the pen	Touch  on the lower left of the screen.	Touch  on the lower left of the screen.	Touch CANCEL.
Using the buttons	Press the  button to move the focus (green frame enclosing an item) on the lower item. When the focus is on the bottom item, press the  button.	Press the  button to move the focus on the upper item. When the focus is on the top item, press the  button.	Press the CANCEL button.

Note • The legends (“CANCEL” and “ENTER”) above the buttons (EXIT or OK) are used for annotation with the button operation.

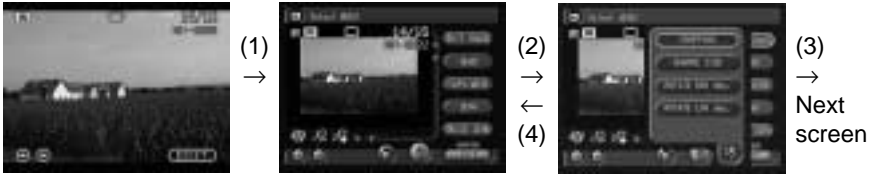
■ Selecting and Canceling Items











	Select the item (1)	Select the setting (2)	Cancel the setting (3)
Using the pen	Touch the target item.	Touch the target setting and touch [OK].	Touch CANCEL.
Using the buttons	Press the   buttons to move the focus and press the ENTER button.	Press the   buttons to move the focus, press SELECT button and then press ENTER button.	Press the CANCEL button.

Note • The dimmed items can not be selected.



■ EDIT Mode





	Edit Mode (1)	Select the item (2)	Select the setting (3)	Cancel (4)
Using the pen	Touch [EDIT] at the lower right corner of the screen.	Touch the target item.	Touch the target item.	Touch the  .
Using the buttons	Press the [ENTER] button.	Press the  button to move the focus (green frame enclosing an item) on the top item. Press the   buttons to move the focus on the target item and press the SELECT button.	Press the   buttons to move the focus on the target item and press the SELECT button.	Press the  button to move the focus on  and press the SELECT button.

■ How to Use the Check Box (☐)

● Using the Pen

Touch the desired  to change it to . To cancel the selection, touch again.

● Using the Buttons

Use the   buttons to set the focus on the desired item and press the SELECT button. To cancel the selection, press the button again.







■ How to Use the Radio Button (●)

● Using the Pen

Touch the desired  to change it to .



● Using the Buttons



Use the     buttons to set the focus on the desired item and press the SELECT button.









■ How to Use the Spin Box (🔧)



● Using the Pen

Touch  or  with the pen to specify the number.

Touching  increases the number and touching  decreases the number.

● Using the Buttons


Use the , , ,  buttons to set the focus on the desired item and specify the number with the  button or  button.

Pressing the  button increases the number and pressing the  button decreases the number.










■ How to Use the Dropdown List (▼)

● Using the Pen

Touch  with the pen and then touch the desired item from the list.

● Using the Buttons

Use the , , ,  buttons to set the focus on the desired item, then display the list using the  button and press the SELECT button.


Use the  button or  button to set the focus on the desired item from the list and press the SELECT button.



Character Input and Writing/Drawing

This section explains how to input characters using the on-screen keypad and how to write or draw using the tool palette.




Using the On-screen Keypad

You can input characters in items displaying the  symbol using the on-screen keypad. Follow the steps below.

1 Select to display the on-screen keypad.

Touching the input field also allows you to display the on-screen keypad.

● Using the Buttons

Set the focus on the desired item with · buttons. Press the  button to move to the input field and press the [SELECT] button.

2 Input the characters, numbers and symbols.

3 Symbols can be input by switching two keypad screens with (SHIFT) or Caps key.





Press the key to move to the next line.



Press this key to return to the previous screen without saving the characters you input.



Press this key to input a space.

● Erasing Characters






Touch [BS]. Characters are erased one at a time from the last character each time [BS] is pressed.

④ After entering the characters, select [ENTER].

The on-screen keypad disappears and the screen returns to the original display.

Using the Tool Palette

The function of the tool palette is to enable you to write characters freehand or draw diagrams involving lines and circles. There are five types of tools.


-  Pen : For writing characters or drawing diagrams freehand
-  Erase : Erases the characters or diagrams that have been written or drawn
-  Erase All : Erases all the characters and diagrams that have been written or drawn
-  Select line width : Changes the thickness of the pen
-  Select color : Changes the color of the pen

■ Writing Characters or Drawing Diagrams

- ① Touch  and drag the pen to write characters or draw diagrams.




● Changing the Thickness of the Pen

Touch  to select the width (FINE, NORMAL, BOLD) of the lines from the list.



● Changing the Color of the Pen


Touch  to display the color selection screen.

Select the color to be used and select [OK].




- ② After writing the characters or drawing the diagrams, select [SAVE].

■ Erasing the Characters or Diagrams

① Touch  and drag the area you wish to erase with the pen.

● Erasing All Characters and Diagrams

Touch  to erase all the characters or diagrams.



Registering the Camera Information

This section explains how to register the camera information such as setting the date and time and owner information.

Setting the Date and Time

Set the date and time on the camera. You can also follow these procedures when you use the camera for the first time or need to change the date and time settings.

- Note**
- Use the yyyy format to set the year.
 - 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 Select [DATE SETTING].

The date setting menu is displayed. Set the following three items.

- “Set the Date and Time” → See below
- “Select the Date To Be Used” → P.40
- “Select the Date Format” → P.41



Set the Date and Time

Set the date and time. You can set the date in two patterns, HOME and DESTINATION, and switch the pattern when you travel across the time zone.

1 Select [HOME] or [DESTINATION].



2 Set the date and time and then select [OK].

Specify which date you will use, HOME or DESTINATION, by “Select the Date To Be Used” (See below).

See • P.34 “How to Use the Spin Box (🌀)”



3 Select [EXIT].

Note • The date and time settings are reset if the battery has been removed for about 1 month, as at replacement. Set the date and time again.

■ Select the Date To Be Used

Select the date you wish to use, HOME or DESTINATION.

1 Select [DATE TO BE USED].



2 Select [HOME] or [DESTINATION] and then select [OK].

3 Select [EXIT].



■ Select the Date Format

Select the date format. There are three types to choose from.

Example: Setting September 15, 2000, 10:00 am

YYYY/MM/DD hh:mm → 2000/09/15 10:00

MM DD YYYY hh:mm → SEP 15 2000 10:00

DD MM YYYY hh:mm → 15 SEP 2000 10:00

① Select [DATE/TIME FORMAT].



② Select the date format you wish to use and then select [OK].



③ Select [EXIT].

The screen will return to the Setup menu.



How to Verify the Date and Time


Press the DISPLAY button in a shooting or playback mode to view the date and time settings on the LCD monitor. → P.49, P.87 “LCD Monitor Display”


Registering Owner Information

You can register personal data such as the owner's name, address, telephone number, and the name of the photographer. You can use the registered information for signature imprint, sending images by fax, or playback on a PC.

- 1 Set the mode dial to [SETUP].
- 2 Select [OWNER INFORMATION].




- 3 Select  for each item and input the required information using the on-screen keypad.

 • P.35 “Using the On-screen Keypad”

- 4 Select [OK].

The screen will return to the Setup menu.



-  • The registered owner's name will be embedded in the image and will be displayed as the file property when the image is displayed on a PC. → “Displaying File Properties” in the ‘Connecting to a Personal Computer’ operation manual
- When the camera is connected to a PC, you can register owner information from the PC. → “Owner Information” in the ‘Connecting to a Personal Computer’ operation manual

Before You Start Recording

Before you start recording, format the storage media, adjust the viewfinder diopter and check the way to hold the camera.

Formatting the Storage Memory

This function enables you to format the CF card, PC card and internal memory. Before using a new card or a card that has been used on another device, such as a PC, format the card with the camera first.



- Formatting the storage memory will erase all the recorded files (including protected files). Copy important files before formatting the storage memory. → P.92 “Copying and Moving Files”
- CF cards and PC cards formatted on other devices may not be used.

① Set the mode dial to [SETUP].

② Select [FORMAT].



③ Choose the storage memory to be formatted (CF CARD, PC CARD or INTERNAL MEMORY).

The confirmation message will be displayed.



④ Press the shutter release button.

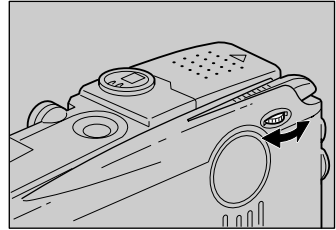
The “Now on format” message will be displayed, and when formatting is completed, the display will return to the Setup menu.



Adjusting the Viewfinder Diopter

Adjust the diopter so that you can see the subject clearly in the viewfinder.

- 1 Turn the diopter adjuster to the left or right to adjust the visibility and ensure that you can see the subject clearly.



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 in the manner described below. Be particularly careful to keep the camera steady when taking telephoto zoom shots.

- 1 Hold the camera steady with both hands with the elbows lightly touching your body.

- **When viewing through the viewfinder**

With the camera lightly pressed against your head, aim it at your subject and look through the viewfinder.



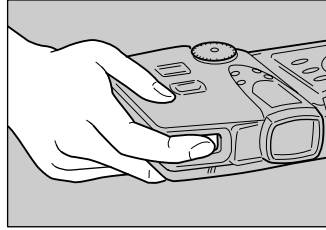
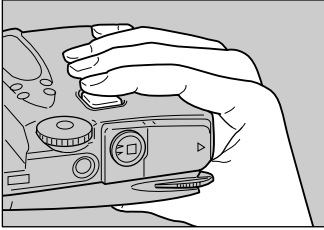
- **When viewing using the LCD monitor**

Hold the camera firmly in both hands, aim it at your subject and look at the LCD monitor.



2 Press the shutter release button lightly with your fingertip.

The shutter release buttons are located on top and front sides of the camera. Use either button depending on the situation.

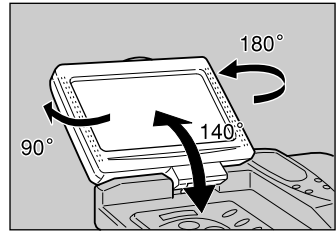


- Apply gentle but firm pressure to the shutter release button. Pressing the button quickly can result in a blurred image.
- Do not move the camera until the beep sound is heard.

You can rotate the LCD monitor as shown in the illustration, enabling you to shoot images at a variety of angles.



- Open the LCD monitor 90 degrees in a horizontal direction before rotating it.



■ Precaution

Be careful to keep the camera lens and flash from being covered by your fingers or hair or the camera strap.

