BASIC SHOOTING Chapter 2

Basic Shooting

This section explains the general flow of shooting operation, and provides basic shooting instructions.

Operation Flow

To record an image, follow the steps below:

Turn on the Camera

Slide the power switch to turn the camera on and set the mode dial to [■] (p.41).

Select IN/CARD (Internal memory/SmartMedia memory card) Memory

Select the internal memory (IN) or SmartMedia (CARD). (p.42)

Select a PIC (Image quality) Mode

Choose from six picture modes (1800 F, 1800 N, 1800 E, 900 F, 900 N, and 900 E) (p.43).

Select a Recording Mode

Choose from three recording modes (□ and A ▭) (p.44).

Set the Size of the Subject

Use the   or   button to select the size of the subject (p.45)

Check the position of the subject

Check the position of the subject on the viewfinder or on the LCD monitor (p.47).

Shoot

Press the shutter release button (p.48).

Turning on the Camera

Slide the power switch to turn the camera on and slide the switch again to turn it off.

❶ **Slide the center button of power switch to on.**
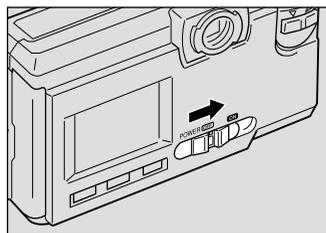
❷ **Set the mode dial to [ ].**
The camera will turn on and the monitor cover will open.
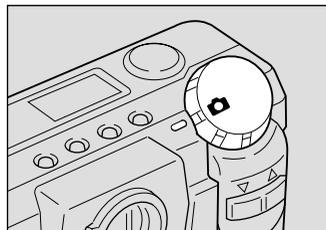
The LCD panel or the LCD monitor will display recording information.
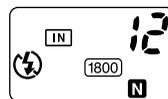
● **LCD Monitor Display**
Press the DISPLAY button to switch displays appearing on the LCD monitor. If the LCD monitor is not used, press the DISPLAY button to save the batteries. Press the DISPLAY button again to enable the LCD monitor.
You may set the camera to come up with the LCD monitor disabled when it is powered on. See "Changing the LCD Setting" (p.110).
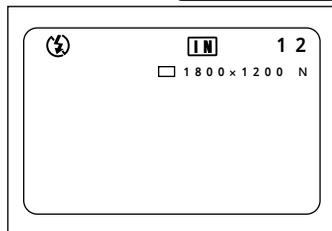
<Note> • Slide the power switch again and the power will turn off, with the lens barrier and monitor cover closed. In a play or erase mode, the lens barrier won't open or close when you turn on the power switch.

<Tips> **Auto Power-Off**
The camera will turn off automatically (auto power-off) to conserve the battery if it is left idle (no buttons, switches or other controls operated) for more than 5 minutes. To resume use, turn the power on again.
You can disable the auto power-off mode.
See "Auto Power Off Setting" (p.103).
   The auto power-off mode does not function when the camera is powered by an AC adapter.

⟨Note⟩ • If the keep settings function is enabled, the flash, exposure compensation, white balance, recording mode, date imprint, language, card/in and S mode settings in effect just before the camera was turned off are saved. See "Keep settings" (p.106).

Selecting IN/CARD (Internal memory/SmartMedia memory card) Memory

Select whether to record shot files in internal memory or on the SmartMedia memory card mounted in the camera.

■ Switching Modes

The mode screen changes in the following sequence as you switch the recording destination:

Internal memory   SmartMedia memory card
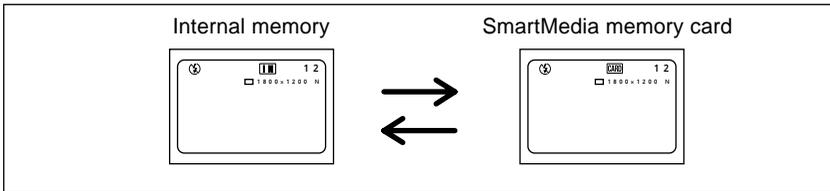
* When the SmartMedia memory card is inserted, the CARD will be displayed.

■ Selecting a Recording Destination

❶ **Press the CARD/IN button and select a recording destination (IN CARD).**
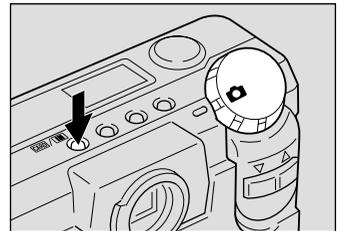
The recording destination changes each time the CARD/IN button is pressed. Press the CARD/IN button and make your choice.
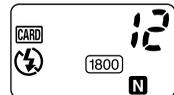
⟨Note⟩ • If a SmartMedia memory card is mounted in the camera when it is turned on, the CARD mark appears on the LCD monitor or the LCD panel. Enable the save mode to set internal memory as a recording destination. See "Keep Settings" (p.106).

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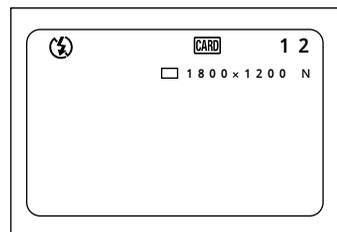
Selecting a PIC (Image quality) Mode

The camera offers six picture (PIC) modes – [1800] F [1800] N [1800] E [900] F [900] N
and [900] E – to suit your photographic needs. Each mode has its own compression
ratio.

■ Switching PIC (Image quality) Modes

The mode screen changes in the following sequence as you switch the PIC mode:

1800N Mode	1800E Mode	900F Mode
1800F Mode	900E Mode	900N Mode
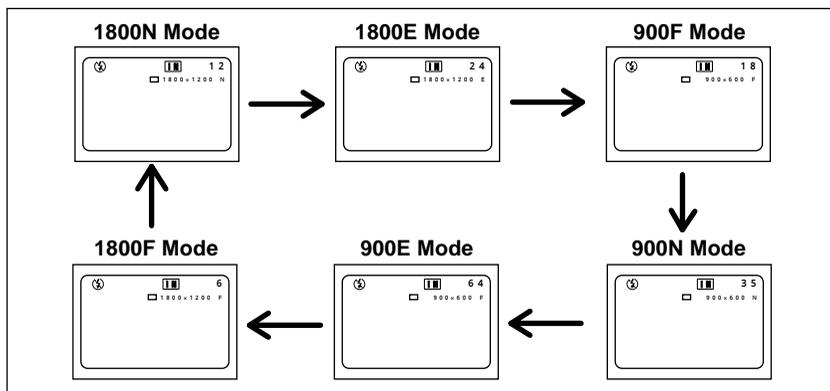
* The recordable picture count varies as you switch the PIC mode.
* The factory default setting is 1800 N ([1800] N).

■ Selecting a PIC (Image quality) Mode

❶ **Press the PIC button and select a PIC**
(Image quality) mode ([1800] F [1800] N [1800] E
[900] F [900] N [900] E**).**
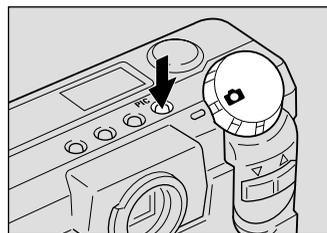
Pressing the PIC button displays the settings
menu. The PIC (Image quality) mode changes
each time the PIC button is pressed. Press the
PIC button and make your choice.

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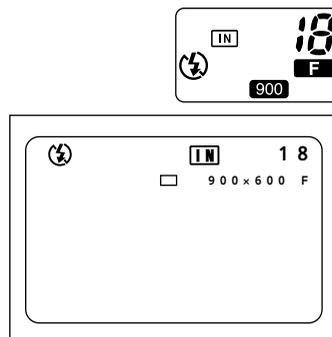
● **Approximate File Sizes by PIC (Image quality) Mode**

PIC Mode	Approx. File Size
1800F	795 KB
1800N	401 KB
1800E	204 KB

PIC Mode	Approx. File Size
900F	270 KB
900N	139 KB
900E	73 KB

〈Note〉 • Image sizes are 1792 × 1200 pixels and 896 × 600 pixels.
• The table below shows the maximum number of recordable images associated with each PIC mode.

Size	PIC mode	Approx. No. of recordable images
1792 × 1200	F mode	9
	N mode	19
	E mode	38
896 × 600	F mode	29
	N mode	55
	E mode	99

* In the case of a 8 MB SmartMedia memory card (in each PIC mode)
For the number of recordable images by SmartMedia memory card capacity and by PIC (Image quality) mode, see "Recording Capacities" (p.127).
* With this product and in this manual, the resolutions are stated as 1800 × 1200 and 900 × 600.

Selecting a Recording Mode

The camera offers three recording modes – still, text and continuous shooting. Select the mode best suited to your photographic needs.

■ Switching Recording Modes

The mode screen changes in the following sequence as you switch the recording mode:
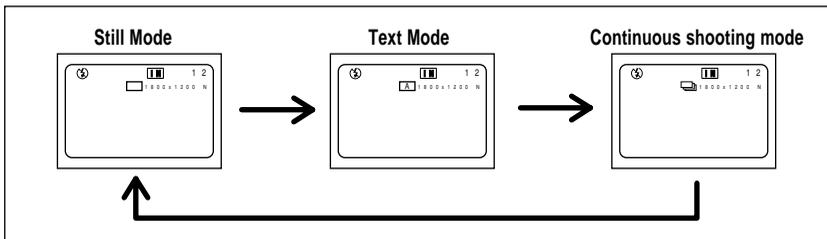
〈Note〉 • Set Keep Setting to save the recording mode setting.
• See "Keep Settings" (p.106).

■ Selecting a Recording Mode (for the PIC mode)

This mode is used to record an image.

❶ Set the mode dial to [⬜] and press the MENU button.

The record menu will be displayed.
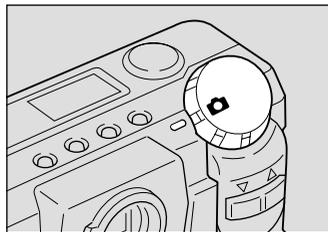
❷ Press the   or   button to select [RECORDING MODE].

⟨Note⟩ • To cancel an operation, press the MENU button.

```
        MENU  [ RECORD ]
RECORDING  MODE    : ⬜
WHITE  BALANCE     : AUTO
+ / –              : OFF
FOCUS              : AUTO
DATE  IMPRINT      : OFF
REDEYE  REDUCTION  : OFF
MONOCHROME         : OFF
INTERVAL  MODE     : OFF

BACK : MENU        SEL . : ENTER
```
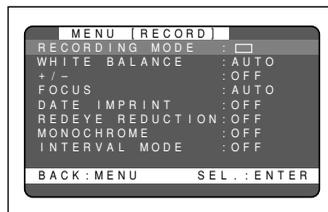
❸ Press the ENTER button to choose the recording mode (⬜).

The recording mode selected will take effect.
Press the MENU button to cancel the recording menu.
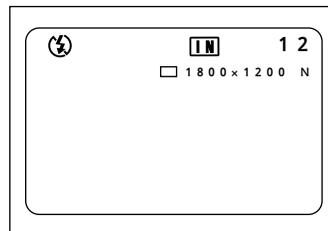
● **Other recording modes**

Text mode (p.52)   Continuous shooting mode (p.53)

Setting the Size of the Subject (Zoom)

By pressing the   or   button, you can vary the size of the subject on the LCD monitor without changing the distance between yourself and the subject (equivalent to 38 — 86 mm in 35 mm camera format).

■ Zooming In (Telephoto Setting)

❶ Press the   ([▲]) button.

The subject will become larger (telephoto) and the zoom indication bar will appear on the LCD monitor. Press the   button to adjust the subject size to your liking.

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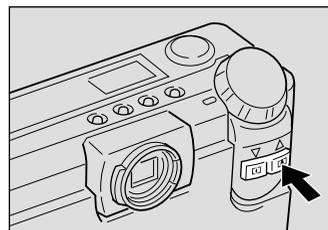
■ Zooming Out (Wide Angle Setting)

❶ Press the ([◆]) button.

The subject will become smaller (wide) and the zoom indication bar will appear on the LCD monitor. Press the   button to adjust the subject size to your liking.
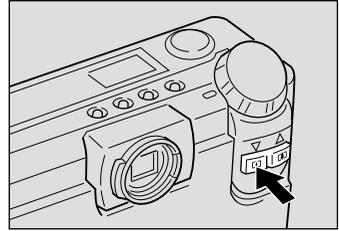
■ Digital Zoom Function

If you keep the   ([▲]) button for at least 2 seconds when the lens is set at the maximum telephoto position, the digital zoom function is triggered to add an enhanced telephotographic effect to your shot.

Before using the digital zoom function, make sure that the LCD monitor is On. When the LCD monitor is off, press the DISPLAY button.

When shooting, a frame appears on the LCD monitor as shown on the right, delineating the scope of the digital zoom. At playback, the shot will be played back in the same way as a normal shot.

To disable the digital zoom function, press the ([◆]) button.

Keep the button pressed for 2 seconds or more
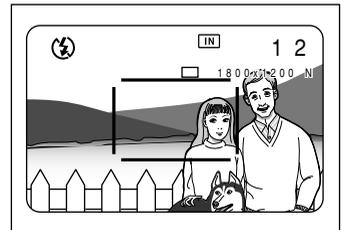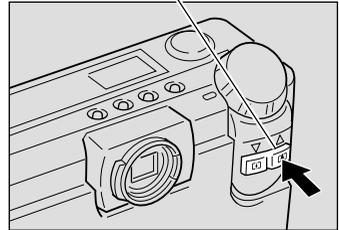
⟨Note⟩ When the digital zoom function is enabled, shots taken will be recorded in 640 × 480 pixel format.

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How to View Images on the LCD Monitor

Check the position of your subject by looking through the viewfinder or at the LCD monitor.

■ Viewing Through the Viewfinder

Aim the camera at the subject while viewing through the viewfinder.

● Shooting Scope
Frame the subject within the viewfinder.

● Short-Distance Correction Frame
Compose your subject within this range when the distance to it is about 0.4 m and you are using the standard lens.

● Autofocus Field
Located at the center of the viewfinder screen and roughly corresponding to the area shown on the right, the autofocus field determines the focal distance.
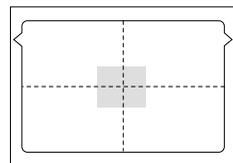
■ Viewing Through the LCD Monitor

Aim the camera at the subject while viewing through the LCD monitor.

● Shooting Scope
Frame the subject within the LCD monitor screen.
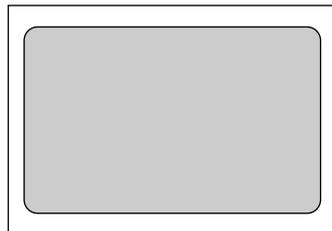
● Autofocus Field
Located at the center of the LCD monitor screen and roughly corresponding to the area shown on the right, the autofocus field determines the focal distance.
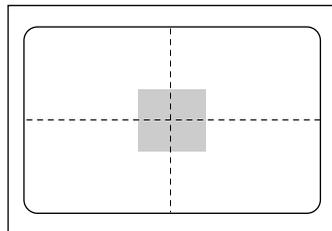
<Note> • The shaded area and dotted lines are shown for illustration purposes only and do not actually appear on the LCD monitor.

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Shooting (Still Picture Mode)

Basic shooting instructions are given below. Hold the camera correctly to keep it steady.

See "How to Hold the Camera" (p.37)

❶ Aim the camera at your subject.
Set the wide angle and use macro mode to shoot subjects closer than 40 cm (15.8 inches).

See "Macro Shooting (Close-up Shooting)" (p.76)
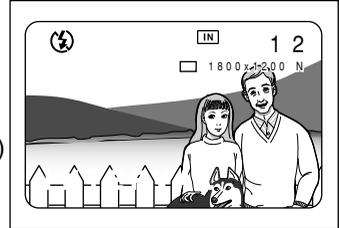
❷ Press the   or   button to set the size of the subject.

See "Setting the Size of the Subject (Zoom)" (p.45)
"How to View Images on the LCD Monitor" (p.47)
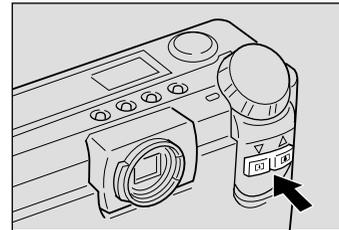
❸ Press the shutter release button lightly with your fingertip.
The shutter release button works in a two-step action. When you press it lightly (halfway), the autofocus function is triggered to focus on the subject automatically. Keep the camera as steady as possible during this step to ensure correct focusing.
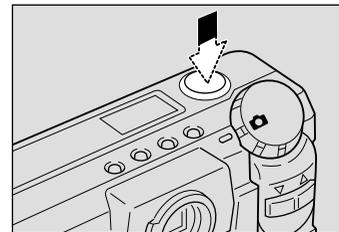
The AF indication LED (green) will light when the subject is in focus. The focus, exposure and white balance settings are set at this point.
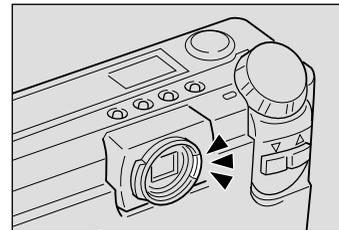
Note
- A flashing AF indication LED indicates that the subject is out of focus. If this occurs, use the focus lock function. See "Focus Lock Shooting" (p.68).
- If the "SLOW SHUTTER" message appears on the LCD monitor, you are recommended to shoot with the flash enabled or in S mode to avoid camera shake that tends to occur in this situation. See "Changing Flash Modes" (p.55) and "S Mode (Shutter Speed)" (p.77).

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● **Forced, Slow synchro and Auto Flash Modes.**
In forced or auto flash mode, the flash LED lights
(in red) when you press the shutter release button
lightly in low light conditions.
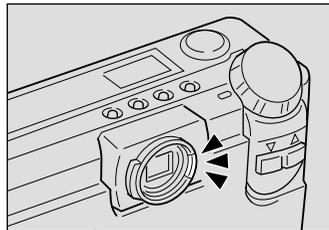
<Note> • The flash LED (red) blinks and the LCD
monitor is cleared while the flash is
charging. Pictures cannot be taken in this
state.

❹ **Press the shutter release button down
fully without removing your finger.**
A beep will sound and the picture you have shot
appears in the LCD monitor before it is
recorded. The available recording picture count
in the LCD panel or monitor is then
decremented by one.
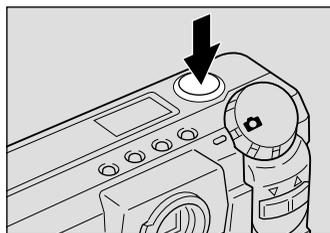
<Note> • Moving the camera before the beep sounds may result in a blurred image.
• The beep will sound continuously if recording fails. Stop recording and
reshoot the picture.
• The available recording picture count in the LCD monitor may increase
depending on whether you turn on or off the camera, switch the mode
dial, or change the PIC mode.
• If it is unnecessary to confirm the picture you have taken, press the   or
button to start recording immediately. You may also change the shot
picture confirmation time. See "Changing LCD Confirmation" (p.109).

How to Cancel Recording

When you press down the shutter release button fully, the shot image will appear in
the LCD monitor. While the image is on display, you can cancel its recording. do the
following:
• Press the MENU button. And press the ENTER button when a recording canceled
message is displayed.

<Tips> **Using the Camera for Extended Periods of Time**
The camera will switch off automatically (auto power-off) to conserve the
battery if it is left idle (no buttons, switches or other controls operated) for
about 5 minutes. When you require more time to compose a shot, disable
the auto power-off feature. Have spare batteries or an AC adapter handy
before using the camera for an extended period of time. See "Auto Power
Off Setting" (p.103).

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Basic Shooting

■ **When Focusing is Difficult**

You may experience difficulty focusing on the following subjects:

- Objects with little or no contrast (such as the sky, white walls, and car hoods)
- Flat two-dimensional objects with only horizontal lines and no significant protrusions or indentations
- Fast-moving targets
- 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 like these, focus on another subject that is located at about the same distance and then aim at the target with that focus setting.

See "Focus Lock Shooting" (p.68).

Tips

LCD Monitor Display Function

Press the ENTER button to display recording information, such as the recording mode, picture mode, and recordable picture count, on the LCD monitor. Each time you press the ENTER button, the display will switch in the following order:

Recordable Picture Count Display → Information Display → No Display

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