

# GETTING STARTED Chapter

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# Before Using the Camera

## Checking the Package Contents

Check that your digital camera comes complete with all the accessories listed below. Read the warranty card and keep it in a safe place.

- Camera
- SmartMedia Card (8 MB)
- 3.7V Lithium-ion Rechargeable Battery
- AC Adapter
- Soft Case
- Wrist Strap
- Camera Manual
- Warranty Card
- Questionnaire Card
- RICOH Software CD-ROM
- Video Out Cable
- PC Link Cable (RS232C)
- Mac-PC Link Cable
- USB Cable
- Software Guide

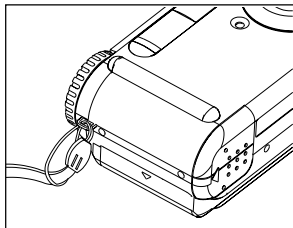
## Attaching the Wrist Strap

Attach the wrist strap provided to prevent the camera from being dropped during use.

- 1 Pass the small loop of the strap through the wrist strap eyelet and pass the other end through the loop as illustrated.



- Do not swing the camera around by its strap.



# Powering the Camera

The following explains how to load and charge the battery and how to use a home power outlet as the power source.

## Loading the Battery

Load the battery (rechargeable type lithium ion battery) and operate the camera.

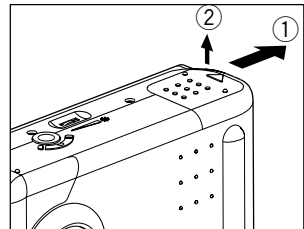


- Always charge the battery when using it for the first time. (The battery is not charged at the factory.) → Page 27 “Charging the Battery”.

- 1 **Make sure the camera power is turned off, then open the battery cover by pressing down and sliding.**



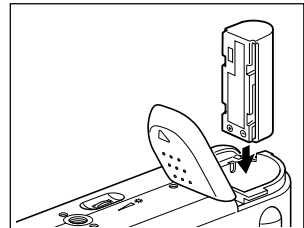
Reference: page 41 “Turning on the Camera”.



- 2 **Load the battery.**



- Do not touch the battery or camera electrical contacts because this could cause damage due to static electricity.



- 3 **Close the battery cover.**

Make sure the battery cover is firmly closed.

## ● Recording and playback criteria

The available recording and playback times under the following measurement conditions are shown in the table below.

Recording: Continuous recording in the Record mode with the power on (Recording at 30 sec. intervals with 50% flash usage, without turning the power off at any time, and at a measurement temperature of 20 degrees C.)

Playback: Continuous playback in the Play mode with the power on, and at a measurement temperature of 20 degrees C.

Battery type	Approximate Recording Time	Approximate playback time
Lithium battery (fully charged)	Approx. 40 min	Approx. 60 min

### = Tips to extend recording and playback times =

- \* The available recording and playback times will vary depending on the ambient temperature. Recording and playback times can be improved at low temperatures by removing the battery and warming it with the hands.
- \* Frequent use of the flash and LCD monitor will shorten the battery usage time. Use these operations only when necessary.
- \* Battery usage time can be further increased by turning off the LCD monitor display while recording.


## ■ Usage cautions

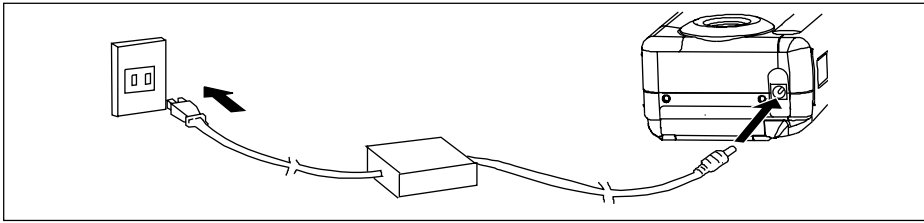
- Before using, always read the instruction manual provided with the battery.
- Use only the lithium battery specified by this company. Read Separately Available Products on page 108 of this manual before purchasing a battery.
- Charge the battery in a well ventilated location where the temperature is 10 - 40 degrees C.
- The battery can become hot under continuous usage. Wait until the battery cools before attempting removal.
- Wiping the battery and camera contacts with a dry cloth will increase the battery usage time.
- Always use the case provided when storing the battery.
- When use is not planned for an extended time, fully discharge the battery, then remove the battery and store it in a cool location. Fully charge the battery before using it again.
- When the battery life has expired, the usage time will be shorter even after correct charging. In such case, replace with a new battery.



- When a power outlet is located nearby and extended usage is planned, use the AC adapter. → Page 27 "Using an AC Adapter".
- When using only battery power, keep a spare available.
- The Battery mark (↔) lights to indicate that the battery is exhausted. In such case, recharge the battery. → Page 27 "Charging the Battery".



# Charging the Battery

When using for the first time and when the Battery mark (  ) lights, use the AC adapter and charge the battery.



- ❶ Turn off the camera power.  
Loading the Battery.
- ❷ Connect the AC adapter cable to the (DC IN) jack of camera.
- ❸ Insert the power plug into a power outlet.  
The battery mark will appear on the LCD panel.

**Note** • Following table is the explanation for each battery mark type. When charging is completed, remove the power plug from the power outlet.

LCD panel display	Explanation
	The remaining battery comes close to be exhausted. Charge the battery.
	When the capacity display of the battery mark becomes full, charging is completed. (full charge)

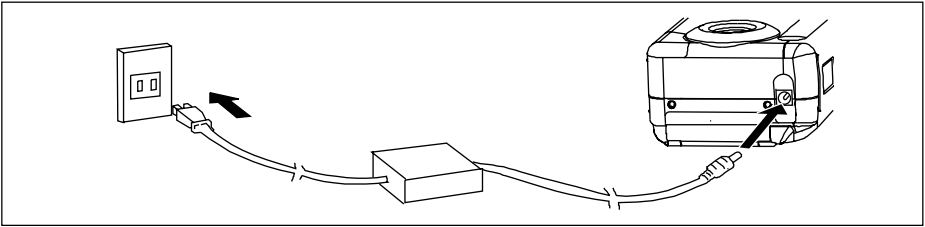
- Charging time for a full charge with an exhausted battery is approximately 3.5 hours.
- Battery mark is displayed in 5 steps depending on the remaining battery.

# Using an AC Adapter

For extended recording and playback, connect the AC adapter and plug it into a power outlet.



- Always read Safety Precautions in this manual before using the AC adapter.



**① Make sure the camera power is turned off, then connect the AC adapter cable to the camera power (DC IN) jack.**

**See** Reference: Page 41 “Turning on the Camera”.

**② Insert the power plug into a power outlet.**

**Note** • When a battery is loaded in the camera, power from the AC adapter (power outlet) will take priority.

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**Important Note**

- Make sure the power plug and connecting cable are firmly inserted. Data will be lost if the plug or cable becomes disconnected while recording.
- When the AC adapter is connected or disconnected while the camera is being operated (recording, playback, deletion, etc.), the power will be interrupted temporarily while the power source is being changed; therefore, turn off the cameras power before connecting or disconnecting the AC adapter.

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# SmartMedia Memory Cards

This section explains the types and usage of SmartMedia memory cards.

## What is a SmartMedia Memory Card?

Files are recorded as data on the SmartMedia memory card in your camera. The following types of SmartMedia memory cards can be used:

- Capacity: ..... 2 MB, 4 MB, 8 MB, 16 MB, 32 MB, 64MB
- Operating voltage: .... 3.3 V

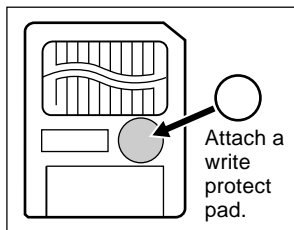
- Note** • There are numerous types of SmartMedia memory cards. Before using a commercially available SmartMedia memory card, check with its manufacturer to be certain it is compatible with your camera.
- By using an optional PC card adapter or floppy disk adapter, you can insert a SmartMedia memory card directly into the PC card slot or floppy disk drive of your PC.

## ■ Protecting Against Accidental Writing

Attaching a write protect pad to a SmartMedia memory card will prevent accidental erasure or overwriting of recorded files.

Remove the write protect pad from the SmartMedia memory card to record or erase data.

- Note** If the write protect pad gets dirty, wipe it clean with a soft, dry cloth.



## ■ Handling Precautions

### ● SmartMedia Memory Cards

- Never remove the SmartMedia memory card while data is being recorded or erased.
- Do not bend, subject to strong force or shock, or drop the SmartMedia memory card.
- Avoid using or storing SmartMedia memory cards in environments that are subject to static electricity or electrical interference.
- Avoid using or storing SmartMedia memory cards in environments that are subject to high temperature and humidity, where dust accumulates, or in atmospheres where corrosive substances are present.
- Keep the contact surface of the SmartMedia memory card clean and free from dust and foreign matter. Should the contact surface get dirty, wipe it clean with a soft, dry cloth.

- Keep the SmartMedia memory card slot free from dust and foreign matter.
- To avoid possible hazards, keep SmartMedia memory cards away from flames and do not dispose of them in fire.
- SmartMedia memory cards have a limited service life. Cards that have been used over an extended period of time may fail to record additional files.

● **Data**

- Data recorded on a SmartMedia memory card may be lost by improper handling by the customer or a third party, by being subjected to electricity or electrical interference, or during camera malfunction or repair. Ricoh Co., Ltd. assumes no liability for damages incurred by such loss of recorded data.
- Do not remove the batteries from the camera, turn off the camera, or connect the AC adapter while data is being recorded on the SmartMedia memory card. The data stored on the SmartMedia memory card could be lost or damaged.
- You are advised to copy valuable data from the SmartMedia memory card onto other media, such as floppy disks or hard disks.

## Inserting a SmartMedia Memory Card

Check that the camera is turned off before inserting the SmartMedia memory card.

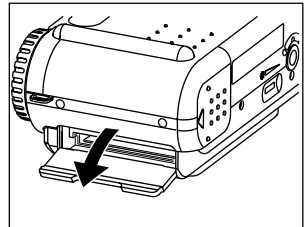


- Slide the power switch to turn the power off before inserting or ejecting smart media; otherwise, the contents of the SmartMedia may be destroyed and the camera may malfunction.

### ■ Inserting Card

- 1 **Check that the camera is turned off, and then open the card cover.**

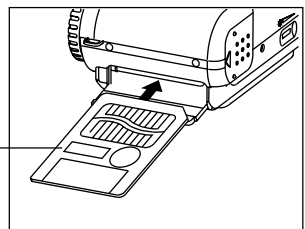
**See** “Turning on the Camera” (P.41)



- 2 **Insert the SmartMedia memory card into the card insert slot and close the card door.**

Push the SmartMedia memory card fully into position, with the contact surface facing up.

Contact surface







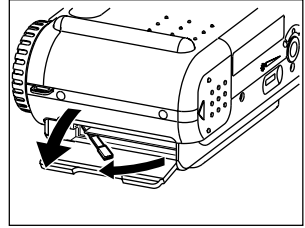
- Insert the SmartMedia memory card in the correct direction. Do not insert it at an angle.

## ■ Removing Card

- 1 Check that the camera is turned off, and then open the card cover. And pull out the lever.

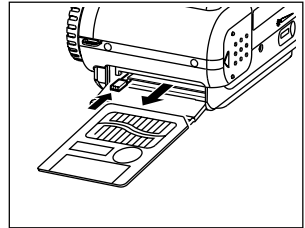


“Turning on the Camera” (P.41)



- 2 Press the lever and pull the SmartMedia memory card straight out of the slot.

Pressing the lever will cause the SmartMedia memory card to pop out a little. Then, pull it straight out of position.



- 3 Close the card door.



- Never remove the SmartMedia memory card while data is being recorded or erased. The data stored on the card could be lost or damaged.
- When the SmartMedia memory card has been removed, place it in the antistatic case supplied or other protective cover.

## Formatting a SmartMedia Memory Card

Before using a new SmartMedia memory card or a SmartMedia memory card that has been used on another device (such as a PC), you need to format (initialize) it with the camera.

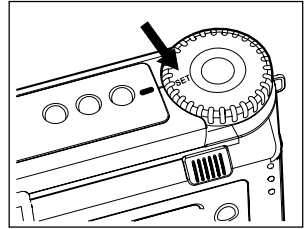





- Formatting will erase all the files recorded on the SmartMedia memory card (including protected files).
- Do not format SmartMedia memory cards on a PC.
- The SmartMedia formatted by other devices may not be used.

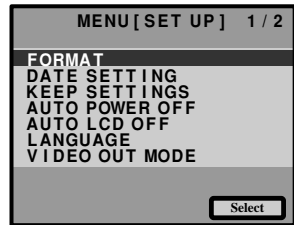
- ① **Insert the SmartMedia memory card and slide the power switch to turn on the camera. Set the mode dial to [SET].**

The setup menu will be displayed.

**See** “Inserting a SmartMedia Memory Card” (P.30)  
“Turning On the Camera” (P.41)



- ② **Press the  or  button to select [FORMAT] and press the ENTER  button.**



- ③ **Press the shutter release button.**

The “FORMATTING” message is displayed while the camera is formatting the SmartMedia memory card.

When formatting is completed, the set menu will reappear. Turn the mode dial to choose another mode.



**Note** • A SmartMedia memory card with a write protect pad attached to it cannot be formatted. Remove the pad to format the SmartMedia memory card.

# Setting the Date and Time

The date and time are recorded when you shoot a picture. You will need to adjust these settings when you first use the camera and each time you change time zones on trips.

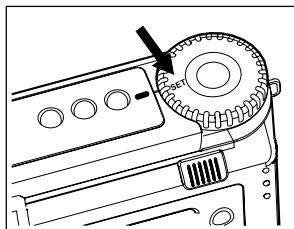
- Note** • Use the yyyy/mm/dd format to set the date.
- Time is displayed in the 24-hour clock format. Midnight is expressed as 00:00 and noon as 12:00.
- Setting is possible from [ 2000/01/01 00:00 ] to [ 2099/12/31 ].

## 1 Slide the power switch to turn on the camera. And set the mode dial to [SET].

The set menu is displayed.

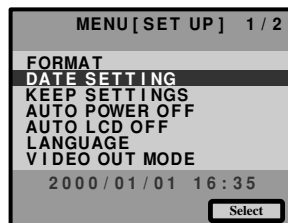
- Note** • To cancel the operation, turn the mode dial to another mode.

**See** "Turning On the Camera" (P.41)






## 2 Press the or button to select [DATE SETTING] and press the ENTER button.

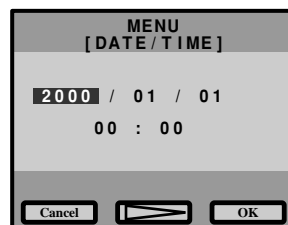
The date/time setting menu is displayed.




## 3 Press the MENU button to select the date display method.


## 4 Press the and buttons to change the numeral.

Pressing the up  button increases the numeral; pressing the down  button decreases the numeral. Keep pressing the  button changes the digit fast.



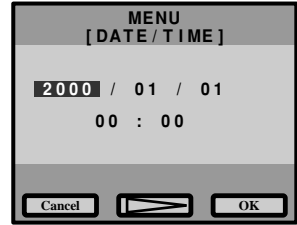
5 Repeat steps 3 and 4 above to make necessary corrections.

- Note** • Each time you press the MENU  button, the cursor moves from year to month, day, hour and minute.

6 After you have set the number of minutes, press the ENTER  button again.

The clock starts and the LCD monitor returns to the SET menu. Turn the mode dial to select another mode.

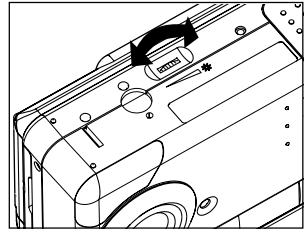
- Note** • The date will be reset when the battery is removed for a period of 3 min. or more. In such case, set the date again.



# Adjusting the LCD Monitor Brightness

You can adjust the brightness setting of the LCD monitor.

- 1 Turn the brightness adjustment dial on the bottom of the camera, left or right to adjust the LCD monitor brightness to a favorable setting for viewing.



1

Getting Started

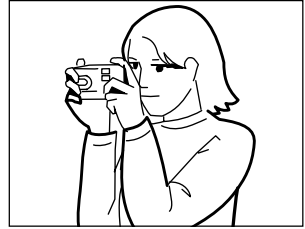
# How To Hold the Camera

Unintentional movement of the camera during shooting will result in blurred images. To keep the camera steady, hold the camera in the fashion 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.

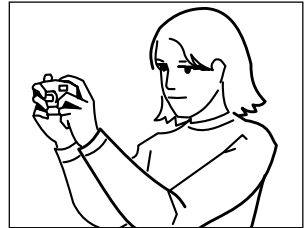
### ● When viewing through the viewfinder

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

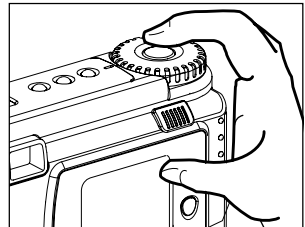


### ● When viewing using the LCD monitor

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



## ② Press the shutter release button lightly with your fingertip.



**Important Note**

- Pressing the shutter release button at once with the finger initially apart from it could result in a blurred image.

**Note**

- When an image of a subject that has been shot with the camera held in vertical position is played, the subject will appear sideways.

Be careful to keep the camera lens, flash, and the flash sensor reception window from being covered by your fingers or hair.

