



# **Operation Manual**

To ensure correct use of your digital camera, read this manual carefully before use. Keep the manual handy for future reference.

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# Introduction

Thank you for purchasing a Ricoh digital camera. This manual explains the correct handling procedures and precautions for your camera. To ensure the best performance, please read the manual thoroughly before using the camera. Keep the manual handy for quick future reference.

Ricoh Co., Ltd.

#### Test Shots

Check that your camera is recording the images correctly by taking a number of test shots.

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#### **Exemption from Liability**

Ricoh Co., Ltd. assumes no liability for failure to record or play back images caused by malfunction of the digital camera.

### Warranty

This product is manufactured to local specifications and the warranty is valid within the country of purchase. Should the product fail or malfunction while you are abroad, the manufacturer assumes no responsibility for servicing the product locally or bearing the expenditure incurred therefor.

#### Radio Interference

Operating the digital camera in the vicinity of other electronic equipment may adversely affect the performance of both devices. In particular, operating the camera close to a radio or television may lead to interference. If interference occurs, follow the procedures below.

- Move the camera as far away as possible from the TV, radio or other device
- Reorient the TV or radio antenna.
- Plug the devices into separate electrical outlets.
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# **Safety Precautions**

### Warning Symbols

Various symbols are used throughout this instruction manual and on the product to prevent physical harm to you or other people and damage to property. The symbols and their meanings are explained below.

▲Warning	This symbol indicates matters that may lead to death or serious injury if ignored or incorrectly handled.
<b>≜</b> Caution	This symbol indicates matters that may lead to injury or physical damage if ignored or incorrectly handled.
Sample Warnings	
0	The <b>()</b> symbol alerts you to actions that must be performed.
$\bigotimes$	The $\bigcirc$ symbol alerts you to prohibited actions. The $\bigcirc$ symbol may be combined with other symbols to indicate that a specific action is prohibited.
	● Examples
	Do not touch Do not disassemble

Observe the following precautions to ensure safe use of this equipment.

# ▲Warning

<b>A</b> Warning	
0	• Turn off the power immediately if any metallic object, water, liquid or other foreign object gets into the equipment. Remove the batteries as soon as possible, being careful to avoid electric shocks or burns. If you are drawing power from a household electrical outlet, be sure to unplug the power cord from the outlet to avoid fire or electrical hazards. Discontinue use of the equipment immediately if it is malfunctioning. Contact the nearest service center at your earliest convenience.
0.	<ul> <li>Avoid any contact with the liquid crystal inside the LCD monitor, should the monitor be damaged. Follow the emergency measures below in the following circumstances.</li> <li>SKIN: If any of the liquid crystal gets on your skin, wipe it off and rinse the affected area thoroughly with water, then wash well with soap.</li> <li>EYES: If it gets in your eyes, wash your eyes with clean water for at least 15 minutes and seek medical advice immediately.</li> <li>INGESTION: If any of the liquid crystal is ingested, rinse the mouth out thoroughly with water. Have the victim drink a large amount of water and induce vomiting. Seek medical assistance immediately.</li> </ul>
$\bigcirc$ •	<ul> <li>Follow these precautions to prevent the batteries from leaking, overheating, igniting or exploding.</li> <li>Do not use batteries other than those specifically recommended for the equipment.</li> <li>Do not carry or store together with metal objects such as ballpoint pens, necklaces, coins, hairpins, etc.</li> <li>If a strange odor, color change, etc., is noticed either during use or during charging, disconnect the camera immediately.</li> </ul>

<b>A</b> Warning	
$\bigcirc$	<ul> <li>Please observe the following in order to prevent fire, electrical shock or cracking due to the adapter.</li> <li>Use only the indicated power supply voltage. Also avoid bunching wiring and extension cords.</li> <li>Do not damage, bundle or alter power cords. Also, do not place heavy objects on power cords, or strongly pull or bend power cords.</li> <li>Do not connect or disconnect the power plug with wet hands. Always grip the plug section when disconnecting a power cord.</li> <li>Do not wrap in cloth, etc., during use.</li> </ul>
0	• Keep the equipment out of the reach of children. Their inability to read and understand warnings and safety precautions may lead to accidents.
$\bigcirc$	• Keep this product out of the reach of children. Children cannot understand and observe the items in "Safety Precautions" and "Usage Precautions" and can thus cause a malfunction to occur.
	• Do not touch the internal components of the equipment if they become exposed as a result of being dropped or damaged. The high-voltage circuitry in the equipment could lead to an electric shock. Remove the batteries as soon as possible, being careful to avoid electric shocks or burns. Take the equipment to your nearest dealer or service center if it is damaged.
	Do not attempt to disassemble, repair or alter the equipment yourself. The high-voltage circuitry in the equipment poses significant electrical hazard.
	Do not use the equipment in the bathroom or shower as this could result in fire or electric shock.

<b>A</b> Warning	
$\bigcirc$	Do not use the equipment near flammable gases, gasoline, benzine, thinner or similar substances to avoid the risk of explosion, fire or burns. Do not use the equipment in aircraft or other locations where usage is restricted or prohibited as this may lead to disasters or accidents.
U	Wipe off any dust that accumulates on the electrical plug as this may lead to fire. Use only the specified AC adapters (supplied) for this equipment in household electrical outlets. Other adapters pose the risk of fire, electric shock or injury.
○ •	To avoid the risk of fire, electric shock or injury, do not use the AC adapter with commercially available electronic transformers when traveling abroad.

Observe the following precautions to ensure safe use of this unit.

<b>A</b> Caution	
•	<ul> <li>Contact with fluid leaking from a battery can lead to burns. If part of your body comes in contact with a damaged battery, wash the area with water immediately. (Do not use soap.) If a battery starts to leak, remove it immediately from the equipment and wipe the battery chamber thoroughly before replacing it with a new battery.</li> </ul>
0	Plug the power cords securely into the electrical outlets. Loose cords pose a fire hazard.
$\bigcirc$	Do not allow the camera to get wet. In addition, do not operate it with wet hands. Both pose the risk of electric shock.
$\bigcirc$	• Do not fire the flash at drivers of vehicles, such as bicycles, cars and trains, as this may cause the driver to lose control and result in a traffic accident.
$\bigcirc$	• Do not grasp batteries with metallic tweezers as this may form a short circuit and lead to fire or electric shock.
Safety Warnings	s for Accessories

• Safety warnings for the optional accessories, such as the remote control unit or the AC adapter, are contained in the instruction manual provided with each product and should be read thoroughly before operating the equipment.

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# • 2,140,000-pixel resolution compact camera

With a 2,140,000-pixel resolution CCD, the compact camera produces high-quality, high-resolution images ( $1600 \times 1200$ ). The camera is so light you can carry it with you anywhere.

# Immediate recording

Using the camera is as simple as clicking the shutter release button. Images thus shot are written to a SmartMedia memory card (2/4/8/16/32/64 MB).

# Instant playback

You can instantly review recorded image files simply by switching to Play mode. You can also magnify the images zoom playback or display several images at once (6-image display).

# • Multiple image recording modes

The RDC-6000 offers multiple image recording modes to suit your specific photographic needs, including F (Fine) mode, which puts the emphasis on image quality, N (Normal) and E (Economy) mode, which allows you to capture more images than any other mode.

# Digital zoom

The  $4.0 \times \text{zoom}$  lens allows you to capture subjects in a variety of compositions, from close-ups to shots with a background.

# Natural colors

The white balance feature allows you to capture a subject in its natural colors under any lighting conditions, indoors or outdoors.

# Close-ups

Macro mode for taking close-up shots at distances up to 13 cm (5.1 inches) is ideally suited for taking pictures of flowers and small objects, etc.

# Motion picture

Motion pictures can be recorded in two different image quality modes.

# • Monitors images on the TV screen

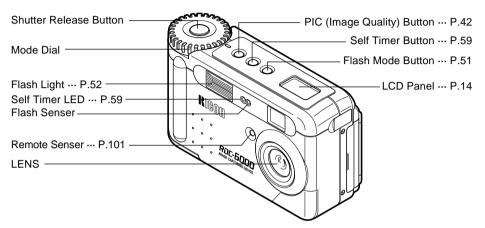
Connect the digital camera to a TV set with the video interface cable supplied and you can display your image files on the TV screen. You can also connect the camera to a video deck or video printer to dub the images onto a videotape or make full color prints.

# • Transfers images to a PC

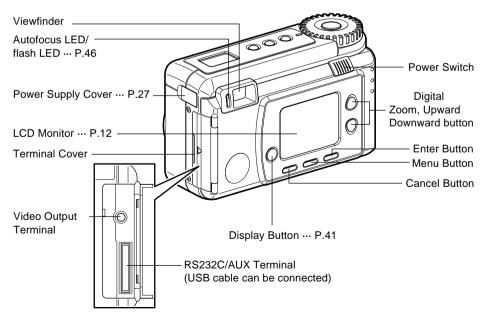
You can transfer the images onto a PC using software compatible with the digital camera. When loaded onto a PC, the images can be printed on a color printer or color copier.

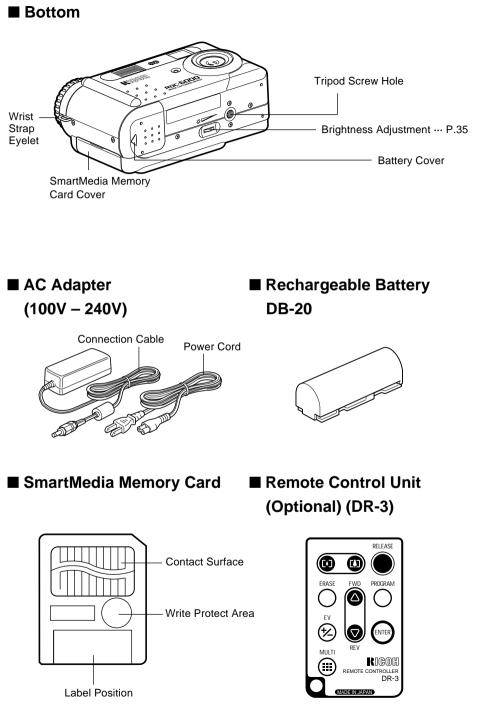
# Camera Body

#### Front



### Back





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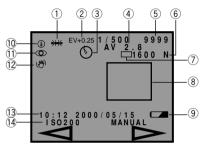
# **Explanation of LCD Monitor Displays**

The LCD monitor or the LCD panel displays symbols and figures showing the status of your digital camera, such as the battery level, the number of pictures that can be taken, and the mode settings.

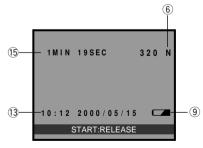
# **LCD Monitor**

### Recording Mode Display

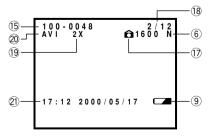
• Recording Mode Display (Still image, Text, Quick shooting)



### Motion Picture Mode Display



Playback Mode Display



- White Balance Indicator (Auto, Daylight <sup>\*</sup>, Overcast <sup>O</sup>, Tungsten <sup>I</sup>∕<sub>o</sub>, Fluorescent <sup>™</sup>, User Define (U), W/B Calibration (W)) (P.56)
- 2 EV +/- (P.54)
- ③ Self-Timer (🕚) (P.59)
- ④ Exposure Mode Display (P.53)
- (5) Recording Data Indicator
   (Displays the remaining no. of pictures)
- ⑦ Recording Mode ( □ , ▲ , 및 ) (P.43)
- (8) Manual Focus Indicator (Displays when in manual focus)
- 9 Battery (-) (P.26)
- 10 Flash Mode (3, 4<sup>A</sup>, 4, 4 Flashing) (P.51)
- 1) Redeye Reduction Mode (④) (P.64)
- 12 Exposure Warning (🖑) (P.47)
- 13 Date & Time Display
- 14 ISO Sensitivity (P.64)
- 15 Recordable time
- 16 File Name
- 17 Image Protected Mark (1) (P.80)
- 18 Number of Image
- 19 Zoom Playback (P.44)
- 20 AV1 file (Motion Picture file)
- 21 Shooting Date and Time

**Note** • All items of information are shown for illustration purposes. During actual camera operation, only the relevant items are displayed.

# Warning Message

If any of the warning messages listed below appear on the camera's LCD monitor, read the corresponding explanation and take the corrective action suggested.

Warning Message	Status	Explanation and Remedy	Reference Page
	Flashing	Indication low batteries. Have replacement batteries ready	P.27
X	Lit	System in processing	-
CARD FULL	Flashing	The SmartMedia Memory Card has run out of memory	P.29
NO CARD	Flashing	The SmartMedia memory card is out of position. Mount a SmartMedia memory card	P.30
NO IMAGE	Lit	There are no files to play. Mount a SmartMedia memory card with files recorded on it.	P.74
WRITE PROTECTED	Flashing	A write-protected SmartMedia memory card is found. Remove the write protection label from the card to gain access to it	P.29
UNMATCHED FILE	Flashing	You attempted to play an unplayable file.	P.74
FILE NUMBER OVER	Flashing	No more file numbers can be added. Insert a new SmartMedia memory card to continue recording.	P.30
SET DATE/ TIME	Flashing	The date has not been set. Set the date before starting operations with the camera.	P.33

# Error Messages

If any of the error messages listed below appear on the camera's LCD monitor, read the corresponding explanation and take the corrective action suggested.

Error Message	Explanation and Remedy	Reference Page
CARD ERROR	The SmartMedia memory card is unformatted. Format the card with the camera before using it.	P.31
CARDERROR	A SmartMedia memory card of this type is not supported by this camera. Use another type of SmartMedia.	P.29

Note If the above remedies are carried out and the error display still won't clear, call your dealer or our service center.

# LCD Panel

# Displays Appearing during Recording

### Recording



- ① Self-Timer (�) (P.59)
- 2 Recording
- ③ PIC Mode((1600), 800), 640), **F**, **N**, **E**,) (P.42)
- ④ Flash Mode ((④, 4<sup>A</sup>, 4, 4 Blink) (P.51)
- 5 Redeye Reduction (**③**) (P.64)
- ⑥ Motion picture ( 🛱 ) (P.50)
- ⑦ Battery ( ( ( P.26)

### Playback/Erasure



Note • Only the Motion Picture mode [ <sup>m</sup> ], PIC mode [F,N] and battery mark [<sup>m</sup>] are displayed when the motion picture mode is set.

### Error display and countermeasure

When the following error is displayed, check the cause and take the proper countermeasure.

Error display	Countermeasure	Reference
5++	<ul> <li>The SmartMedia is not formatted. Use this camera to format before continuing.</li> <li>The SmartMedia cannot be used with this camera. Use a different SmartMedia.</li> </ul>	31 30

**Note** • If the error display does not disappear after the above countermeasures have been taken, please contact your local dealer or Ricoh repair center.

# Menus

This camera features four menus which can be used to enter or change the settings for recording, playing or erasing image files.

# ■ SET Menu

With the camera turned on, set the mode dial to [SET]. To cancel the setup menu, turn the mode dial to select another mode.

MENU[SET UP] 1/2	
FORMAT	
DATE SETTING KEEP SETTINGS	
AUTO POWER OFF	
AUTO LCD OFF LANGUAGE	
VIDEO OUT MODE	
Select	

FORMAT: Formats a SmartMedia memory card. (P.31)
DATE SETTING: Sets the date and time. (P.33) KEEP SETTINGS: Saves camera settings. (P.94)
AUTO POWER
OFF: Enables or disables the camera (P.95)
AUTO LCD OFF Enables or disables the LCD (P. 96)
LANGUAGE: Switches the LCD monitor display between English, German, French and Japanese. (p.97)
VIDEO OUT MODE: Switches the camera between NTSC and PAL when it is connected to a TV set. (P.97)

MENU[SET UP] 2/2
LCD CONFIRMATION LCD SETTING INITIALIZE SETTING SEQUENTIAL NO.RESET
1SEC.
Change

LCD
CONFIRMATION: Sets the confirmation time for images after shooting. (P.98)
LCD SETTING: Selects whether to let the camera come up with the LCD monitor enabled or disabled when it is powered on in a recording mode. (P.99)
INITIALIZE SETTING: Initialize all the settings. (P.99) SEQUENTIAL
NO. RESET: Reset the images sequence number orderly. (P.100)

### Record Menu

With the camera turned on, set the mode dial to [ 1] and press the MENU button. To exit the record menu, press the CANCEL EXIT button.



MENU[RECORD] 2/2
REDEVE REDUCTION
MONOCHROME MODE
AUTO BRACKET
+ / -
OFF
UFF
EXIT Change

#### DECODDING

RECORDING	
MODE:	Switches between recording
	modes, such as still picture, text, quick shooting (P.43).
GRID TEMPLATE	Sets crossed lines to assist with image taking. (P.63)
WHITE BALANCE:	Switches between the white balance settings (P.56).
EXPOSURE MODE:	PROGRAM and AV F NO setting. (P.53)
IMAGE	
ENLARGEMENT:	Take the picture by 1.5 times magnification (P.69)
ISO SENSITIVITY:	Selects ISO sensitivity among 100, 200 and 400. (P.64)
FOCUS:	Switches between AUTO,
	MACRO, AREA, 2.5M, INFINITY and MANUAL. (P.61)
REDEYE	
REDUCTION:	Reduces the red-eye when shooting live subjects with flash. (P.64)
MONOCHROME	
MODE:	Records images in Black &
	White or sepia. (P.65)
INTERVAL MODE:	Switches interval (time lapse) setting on and off (P.66).
AUTO BRACKET:	Three frames are exposed: one frame at the current exposure compensation value, one at - 0.5EV and another at +0.5EV. (P.68)
+/– (Exposure	
compensation):	Sets the exposure compensation (P.54).

# Play Menu

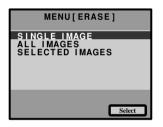
With the camera turned on, set the mode dial to [ $\blacktriangleright$ ] and press the MENU button. To exit the play menu, press the CANCEL  $\boxed{EXIT}$  button.



ZOOM PLAYBACK:	Displays an enlanged image. (P.78)
AUTO PLAYBACK:	Plays all images automatically within a preset length of time. (P.79)
PROTECT:	Protects image files from erasure. (P.80)
DPOF:	Select this function to generate recorded images for submission to digital printing services or other applications. (P.81)

# Erase Menu

With the camera turned on, set the mode dial to [ $\frac{1}{10}$ ]. To exit the erase menu, set the mode dial to another mode.



SINGLE IMAGE:	Erases selected images one at a time (except protected images) (P.86).
ALL IMAGES:	Erases all the files from the card (except protected images) (P.87).
SELECTED IMAGES:	Erases multiple selected images (except for protected files) at once. (P.88)
* Desta sta d Class same	the evened

\* Protected files cannot be erased.



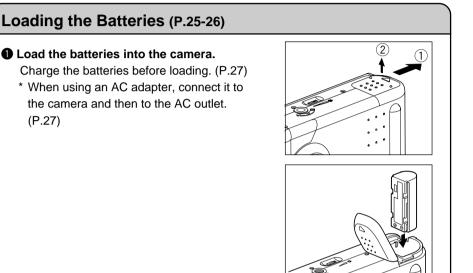
• The [  $i^{m}$  ] setting on the mode dial is used to take motion picture mode.

• The [1] setting on the mode dial is used to transfer image files from the camera to a PC.

# **Basic Operation/Quick Reference**

This section provides introductory information about the Ricoh RDC-6000 digital camera. Further details can be found in the reference pages mentioned below.

# Preparations

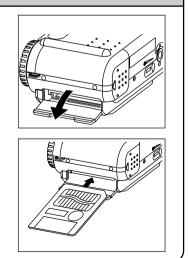


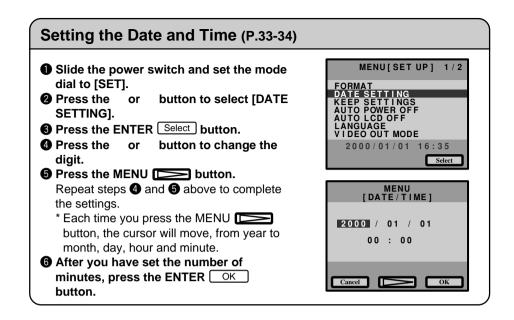
# Inserting a SmartMedia Memory Card (P.29-32)

**1** Make sure that the camera is turned off.

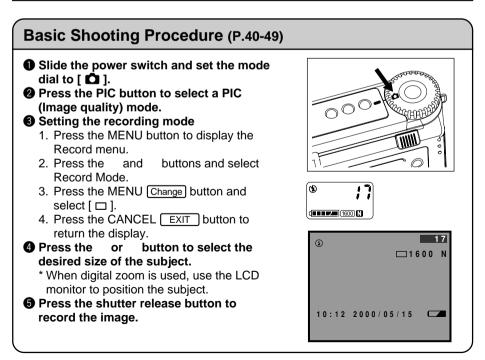
# Open the card cover and insert a SmartMedia memory card.

• Before using a new SmartMedia memory card, you must first format (initialize) it with the camera. (P.31)





# Shooting



# Changing the Flash Mode (P.51-52)

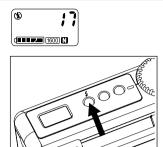
#### Set the mode dial to [ 1].

# Press the flash mode button to select a flash mode.

You can choose Flash Off ((3)), Auto (4<sup>A</sup>), Forced Flash (4), or Slow synchro mode (4: flashing).

The selected mark will be displayed on the LCD monitor or on the LCD panel.

• Press the shutter release button to record the image.



### Using the Self-Timer (P.59)

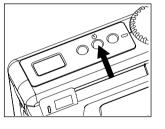
- Set the mode dial to [ 1].
- Press the self timer button.
   The self timer is now set.
   The S mark will be displayed on the LCD

monitor or on the LCD panel.

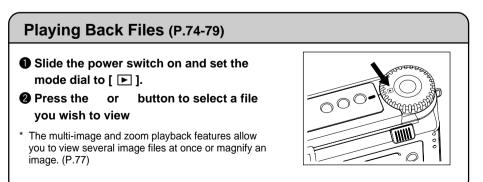
Press the shutter release button to record the image.

The self timer LED will start flashing and the shutter will be released after a delay of about 10 seconds.

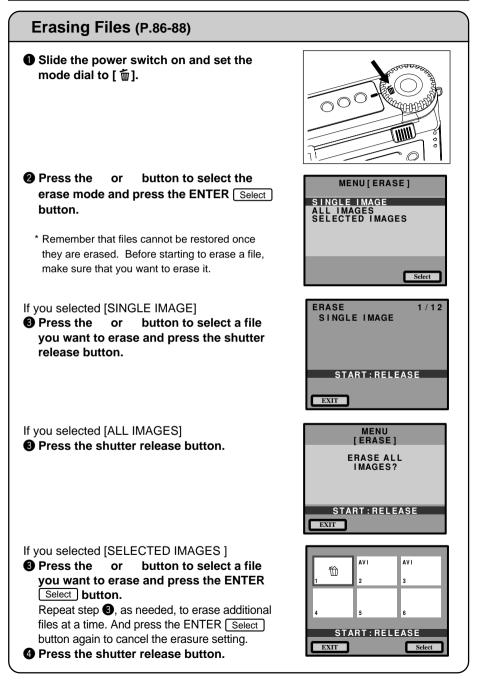




# Playback



# Erasing



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http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

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