

---

# Appendix

---

Troubleshooting .....	130
Error Messages .....	133
Using This Camera Abroad ..	135
Recording Capacities .....	136
Accessories .....	137
Handling Precautions .....	138
Care and Storage .....	139
Specifications .....	140
About the Warranty and Servicing .....	142
Index .....	144


# Troubleshooting

















Refer to the pointers listed below before submitting the equipment for repairs. If the problem persists after trying the suggestions, contact your nearest Ricoh service office.

## ■ Power Source

Problem	Cause	Remedy	Page
Power will not come on	Battery not loaded or battery exhausted	Insert battery correctly or charge battery.	P.15 P.16
	AC adapter not properly connected	Connect correctly.	P.18
Power cuts out	No operation performed so auto power off function was activated	Switch camera on again.	P.24
	Battery exhausted	Charge battery.	P.15
Battery will not charge	Battery at end of service life	Replace with new battery.	P.16
Battery quickly consumed	Camera operated in extremely high or low temperature environment	–	–
	Camera operated in dark environment requiring frequent use of flash	–	–




## ■ Recording and Playback

Problem	Cause	Remedy	Page
Shutter release button pressed but no image recorded	Battery not loaded or battery exhausted	Insert battery correctly or charge battery.	P.15 P.16
	No power, or mode dial not set	Switch on and set mode dial to recording mode.	P.25
	Shutter release button not fully pressed (pressed halfway)	Press shutter release button all the way.	P.55
	CF card or PC card not formatted	Format card.	P.43
	No memory space on CF card or PC card	Delete unnecessary files or insert new card.	P.20 P.112
	No space in internal memory	Delete unnecessary files.	P.112
	CF card or PC card at end of service life	Insert new card.	P.20
	Self-timer on	Press  to disengage self-timer mode.	P.67
	Flash charging	Wait until flash LED stops blinking.	P.56
	CF card or PC card contact surface dirty	Clean with soft dry cloth.	–
Cannot confirm shot image	LCD confirmation time too short	Increase LCD confirmation time.	P.120
No image on LCD monitor	No power or LCD monitor is dark	Switch on and press DISPLAY button to display image on LCD monitor, or adjust monitor contrast using LCD contrast adjustment buttons.	P.28 P.49 P.87
	Video system is set on PAL and video cable is still plugged in.	Set video system to NTSC or disconnect video cable.	P.88 P.119

Problem	Cause	Remedy	Page
Autofocus is on but camera not focusing	Dirty lens or AF viewfinder	Clean lens or viewfinder.	–
	Subject not in center of shooting scope	Use focus lock.	P.57
	Subject difficult to focus on	Use focus lock or switch to manual focus.	P.57 P.69
	Distance to subject is too close	Set macro mode.	P.69
Flash will not fire or will not charge	Recording mode set on  (Voice Memo),  (Text),  (Continuous Shooting) or  (Motion Picture)	Set mode dial to  (Still Picture) or  (Text) mode.	P.49 P.58
	Flash mode set on  (flash off)	Press  button to cancel flash off mode.	P.62
	Camera set on macro mode	Press  button to cancel macro mode.	P.69
	White balance set to mode other than auto	Press WB button to switch white balance to auto mode.	P.66
	Battery exhausted	Charge battery.	P.15
Image dark even with flash	Distance to subject more than approx. 2.5 m	Move closer to subject.	P.62
Image is too bright	Subject is too close	Set flash to flash off mode.	P.62
	Overexposed	Adjust exposure compensation from recording menu. Set time exposure mode to OFF.	P.64 P.79
	Contrast setting not correctly adjusted	Press LCD contrast adjustment buttons to adjust contrast of LCD monitor.	P.28
Image is too dark	Shot in low light with flash set to  (flash off)	Press  button to cancel flash off mode.	P.62
	Underexposed	Press  button to adjust exposure compensation.	P.64
	Brightness setting not correctly adjusted	Press LCD Contrast Adjustment button to adjust contrast of LCD monitor.	P.28
Unnatural coloration of image	Shooting conditions difficult for auto white balance mode	Place a white object near subject, use flash, or select manual white balance mode.	P.66
Date and other recording data not displayed	Screen display set to [OFF]	Press DISPLAY button to switch display mode.	P.49 P.87
No playback or image will not appear	Camera not set to  (Play) mode	Set mode dial to  (Play).	P.84
	Incorrect playback source	Press  /  button to change playback source. Switch to another folder containing files.	P.84 P.100
	CF card or PC card not inserted, or inserted card does not contain any files	Insert card containing recorded images.	P.20
	Card not formatted with this camera	Use card that has been formatted and recorded with this camera.	P.43
	Card contains incorrectly recorded files	Insert card containing properly recorded images.	P.20
	Card contains files in format not supported by this camera	Check format type.	P.84
	AV interface cable not properly connected	Connect properly.	P.88
	Source of interference, such as electric motor, nearby	Move camera away from source of interference.	–
	CF card or PC card contact surface dirty	Clean with soft, dry cloth.	–
Playback is not clear	Error in internal memory of camera	Copy required files from internal memory onto CF card or PC card and format internal memory.	P.43 P.92
	Error in CF card or PC card	Test camera with another card. If second card displays well, problem is with card not camera. Do not use this card.	–

Problem	Cause	Remedy	Page
Display shut off	Battery is exhausted	Charge battery.	P.15
	Auto power off activated	Switch power on again.	P.24
Remote control unit (optional) will not work	Obstruction between remote control unit and camera sensor	Remove obstruction. * Sensor at left top of LCD monitor.	–
	Remote control transmitter or camera sensor is dirty	Clean.	–
	Remote control lithium battery is exhausted	Replace with new CR2032 lithium battery.	–
LCD monitor brightness changes during autofocus operation	Area captured by autofocus field and surrounding area have different light levels or location is dark	No malfunction.	–
Vertical lines appear on image	Phenomenon occurring with bright subject, known as smear phenomenon	No malfunction.	–

## ■ Miscellaneous

Problem	Cause	Remedy	Page
CF card or PC card will not go into slot	Card incorrectly oriented	Insert correctly.	P.20
Camera will not operate in response to buttons and switches	Battery exhausted	Charge battery.	P.15
	Camera malfunction	Switch off power, switch on again and set mode dial to  (Still Picture) or  (Text). If problem persists, reset. 1. Remove battery from camera, switch power on and reload battery. 2. Try operating again.	–
Date and time are wrong	Date/time setting is incorrect	Set correct date and time.	P.39
Date and time were set but disappeared	Battery removed	Date setting is reset if battery is removed for approx. 1 month. Set date again.	P.39
File will not erase, or CF card or PC card will not format	Erase menu not displayed	Set mode dial to  (Play) and switch to edit mode.	P.89 P.112
	File protected	Cancel protect setting.	P.100
Mode settings have changed	Keep settings mode not enabled	Enable keep settings mode.	P.116
Auto power off will not activate.	Auto power off setting is disabled	Enable setting.	P.117
	Camera powered by AC adapter (auto power off is automatically disabled when powered by AC adapter)	–	–
Beep will not sound	Beep disabled	Set beep sound to [ON].	P.117
No image on TV screen	Incorrect video-out signal method.	Select correct video-out signal method.	P.119
	Incorrect video I/O switch setting on video equipment	Check video I/O switch setting on video equipment.	–

# Error Messages

If an error message is displayed on the LCD monitor or LCD panel, follow the procedures below.

Error Message	Remedy
CARD ERROR	This type of card is not supported by the camera. Use another type of card.
Insufficient memory	Card memory or internal memory is full and no more files can be recorded. Erase unwanted files or use another card.
UNMATCHED FILE	Unplayable file was selected.
NO FILE	No recorded files in specified folder. Change folder or select storage memory that contains files.
No card	Card of selected type not found. Insert card.
Cannot open the file	Recorded file cannot be displayed. Return to previous screen and repeat operation. If file is still not displayed, switch power off and repeat operation.
Cannot open the file	Recorded file cannot be saved. Check available capacity of storage memory and repeat operation. If image still cannot be saved, switch power off and repeat operation.
On-screen keypad error	On-screen keypad cannot be displayed. Repeat operation. If keypad is still not displayed, switch power off and repeat operation.
Cannot reset the system	Switch off power again. If camera is still not reset, remove battery and switch power on, then reload battery and repeat operation.
Format failed	Repeat format operation again. If storage memory still cannot be formatted, problem lies with storage memory. Use another storage memory.
Failed to save Keypad memo	Failed to save keypad memo. Repeat operation.
Pen-memo Error: memory over Select ERASE ALL, SAVE or CANCEL	Erase or save all pen memos, or cancel pen memo operation.
Too many pen-memo data in memory	No more pen memos can be saved. Delete unwanted memos before saving.
File number exceeded limit	File number exceeded limit. Delete unnecessary files or use another memory card.
No file for DPOF setting	There is no image file for setting DPOF in folder. Select folder including image files.
Standard Print Number over Select image and set Standard Print Number to 0.	Number of specified images has exceeded limit. Reduce number of specified images.
DPOF file set error	DPOF settings cannot be saved. Delete all unnecessary files before repeating operation. If message still appears, memory may be damaged. Make a backup file of files saved in memory and format memory.
DPOF file read error	DPOF settings are unreadable. Reset all DPOF settings before repeating operation. If message still appears, memory may be damaged. Make a backup file of files saved in media and format memory.



- If the error message continues to be displayed after the above procedures have been followed, open the terminal cover and press the reset switch (P.6) with the tip of a propelling pencil or similar object. The settings will return to the factory default settings. If the error message is still displayed, contact the store where purchased or your nearest Ricoh service office.



# Using This Camera Abroad

## **Ricoh AC-3 AC adapter (optional)**

- The adapter can be used in regions where the voltage ranges from 100 V to 240 V and the frequency is 50Hz/60Hz.
- Some countries use electrical outlets which have different shapes. Inquire at your travel agent about the necessary plug adapter for the country of your destination before you leave.

## **Using a Local TV Receiver for Playing Pictures**

- You can play back images taken with this camera on a TV receiver (or monitor) equipped with a video input terminal. Use the AV interface cable supplied.
- This camera supports both NTSC and PAL television systems. Switch the camera's video system to meet the local environment. → P.119 "Changing the Video-out Signal Method"
- If you plan to take the camera abroad with you, check the local television system beforehand.

# Recording Capacities

The table below gives approximate recording picture counts by CF card or PC card capacity, image quality and size.

			16 MB	32 MB	48 MB	64 MB	96 MB	128 MB
Still picture (no. of images)	<b>2048</b>	<b>F</b>	13	26	40	53	80	107
		<b>N</b>	26	52	79	105	158	211
		<b>E</b>	51	102	153	205	307	411
		<b>NC</b>	2	5	7	10	15	20
	<b>1024</b>	<b>F</b>	38	77	116	156	234	312
		<b>N</b>	74	149	224	300	450	601
		<b>E</b>	138	278	417	557	835	1,117
		<b>NC</b>	9	19	29	39	59	78
	<b>640</b>	<b>F</b>	97	194	292	390	585	781
		<b>N</b>	161	324	487	650	975	1,303
		<b>E</b>	323	649	974	1,300	1,950	2,606
		<b>NC</b>	24	48	73	97	146	195
Text (no. of images)	<b>2048</b>	51	102	153	205	307	411	
	<b>1024</b>	138	278	417	557	835	1,117	
Motion picture (minutes)			1:20	2:42	4:03	5:24	8:07	10:50
Voice memo (minutes)			33:06	66:29	99:46	133:10	199:40	266:50

**Note** • Recording picture counts vary depending on the kind of CF cards, even when they have the same capacity.

\* Sizes (no. of pixels) are as follows:

**2048** : 2048 × 1536 pixels

**1024** : 1024 × 768 pixels

**640** : 640 × 480 pixels

\* Image qualities (compression rates) are as follows:

**F** : Fine

**N** : Normal

**E** : Economy

**NC** : Non-compressed

\* Units used in the table are as follows:

Still picture files and text files are shown in number of images.

Motion picture files are shown in number of minutes.

Voice memo files are shown in number of minutes.



# Accessories

Item	Model	Remarks
AC adapter	AC-3	Used to supply power directly from a household electrical outlet. → P.18 “Connecting an AC Adapter”
Lithium ion battery	DB-30	Battery for powering the camera.
Remote control unit	DR-3	For remote operation of the camera’s recording and playback functions.

- Note**
- If you require a stylus pen, battery charger or serial cable, contact your nearest Ricoh service office.
  - For Ricoh recommended products, see the separate list of Qualifies Products.

# Handling Precautions

- This camera is not waterproof. Keep away from water, rain, beverages, etc. If any liquid gets into the camera, consult your nearest Ricoh service center.
- Be careful not to drop the camera or subject it to impact.
- To avoid overheating, do not use the flash more than is necessary in continuous shots.
- Do not look through the viewfinder directly at the sun or intense light.
- Do not fire the flash close to a baby's eyes as this may cause impaired eyesight.
- Do not fire the flash at anyone driving a vehicle as this may cause a traffic accident.
- Exercise caution to prevent sand or dust from getting into the camera in environments such as beaches or work sites.
- Do not leave the camera for any length of time in particularly hot or humid places, such as in an automobile with the windows closed, at the beach or in a bathroom.
- Check that the camera is switched off before attaching the AC adapter (optional).
- The LCD monitor may contain some pixels that always or never illuminate, and the brightness of some areas of the monitor may appear uneven. These are typical LCD performance characteristics and do not constitute malfunctions.
- Do not apply unreasonable force to the EJECT lever cover, terminal cover or battery cover.
- Do not lift the camera by the LCD monitor, EJECT lever cover, terminal cover or battery cover.
- Do not apply unreasonable force to open or turn the LCD monitor.
- Be careful not to hit the lens unit or LCD monitor while carrying the camera. Keep the LCD monitor closed when carrying the camera.
- Extreme temperature differences may cause condensation to form inside the camera body and lens unit, reducing performance. To avoid this, place the camera in a plastic bag and let it slowly acclimatize to the new temperature before exposing it.

## Potential Causes of Condensation

- Suddenly transporting the camera from a cold to a warm place
- Storing or using the camera in places subject to high humidity
- Bringing the camera into a recently heated room or leaving it directly in the path of an air conditioner

# Care and Storage

## ■ Care

- Fingerprints or dirt on the lens or AF viewfinder will reduce the quality of the image, so take care not to get them dirty.
- Do not wipe dust or smears off the lens or AF viewfinder with your fingers. Use a lens blower, readily available at most photographic suppliers, to blow dust off, or a soft cloth and wipe lightly.
- Be sure to clean the lens after use at the beach or in the vicinity of chemicals.
- If the camera should malfunction, contact your nearest Ricoh service office. This product generates high voltages and disassembly is hazardous. Under no circumstances should you attempt to disassemble it yourself.
- Never use solvents, benzine, insecticides or other volatile substances on the equipment as this may cause deformation or flaking of the paint.
- Be careful not to let anything rub against the LCD monitor or LCD panel as they are easily scratched.
- To clean the LCD monitor or LCD panel, wipe gently with a soft cloth that has been moistened in diluted detergent and well wrung. Wipe off any moisture with a soft, dry cloth.

### CAUTION

- (1) Remove the battery or AC adapter before cleaning the camera.
- (2) Pay attention to the following points when cleaning the LCD panel.
  - The condensation may occur inside the touch screen due to the heat generated by the backlight of the LCD monitor, when you wipe the touch screen with the solvent. Do not forget to turn the power off before cleaning the camera.
  - When cleaning the camera, do not touch the edges of the LCD monitor. Otherwise the solvent can get into the camera resulting in the misoperation of the camera.

## ■ Storage

To prevent possible failures, avoid storing the camera in places that are:

- hot and damp, or subject to sharp temperature or humidity changes
- sandy or dusty
- subject to strong vibration
- in contact with chemicals, such as insecticides, or rubber or PVC products, for an extended period of time
- Near sources of strong electromagnetism (such as monitors and transformer magnets).

# Specifications

- **General**
- **Video Signal Protocol** : NTSC/PAL
- **Power Source Voltage** : Battery: 3.7 V  
: AC: 5 V
- **Dimensions (W × H × D)** : 157 × 93 × 33 mm (6.2" × 3.7" × 1.3") (excluding grips)
- **Weight** : Approx. 450 g (15.9 oz) (excluding battery)
- **Operating Range – Temperature** : 0°C to 40°C (32°F to 104°F)
- **Operating Range – Humidity** : 85 % or less
- **Storage Temperature Range** : -20°C ~ 60°C (-4°F to 140°F)
- **Camera**
- **CCD** : 3,340,000 pixels (effective: 3,240,000 pixels)
- **Lens** : Zoom lens F:2.6~3.4
  - **Focal length** : f:7.3 ~ 21.9 mm (equivalent to 35 ~ 105 mm in 35 mm format)
  - **Minimum shooting range** : Approx. 24 cm (9.4") (wide angle)
  - **Macro shooting range** : Approx. 1 ~ 24 cm (0.4" to 9.4")
- **Viewfinder**
  - **Type** : Real image
  - **Magnification** : Telephoto 0.81 ×, wide angle 0.3 ×
  - **Diopter adjustment** : Yes (-2 ~ +1 dpt)
- **Monitor**
  - **Display size** : 3.5"
  - **Display type** : Backlight low-temperature polysilicon TFT color LCD
  - **Diopter adjustment** : Approx. 200,000 pixels
- **White balance** : Auto/Preset (daylight, overcast, fluorescent light, tungsten light)
- **Exposure Compensation**
  - **Light metering system** : Centerweighted
  - **Exposure value memory system** : Auto backlighting correction  
: Manual compensation ±2.0 EV (in 0.5 EV increments)
  - **Metering** : TTL CCD method
  - **Flash automatic exposure** : Yes (daylight synchro)
  - **Shutter speed** : 8, 4, 2, 1, 1/4 ~ 1/1000 for still pictures
  - **ISO sensitivity** : AUTO (ISO 150), ISO 200, ISO 400
- **Distance Adjustment**
  - **Autofocus method** : Normal shooting: external passive CCD method;  
Macro: CCD method
  - **Autofocus range** : Normal shooting: approx. 24 cm (9.4") ~ infinity;  
Macro: about 1 ~ 24 cm (0.4" to 9.4")
- **Built-in Flash**
  - **Type** : Auto
  - **Range** : Approx. 0.6 ~ 2.5 m
  - **Modes** : Flash off/Forced flash/Auto /Slow synchro/Red-eye reduction

## ■ Image Data Recording and Playback

### ● Image Resolution

- Still picture : 2048 × 1536, 1024 × 768, 640 × 480 pixels
- Text : 2048 × 1536, 1024 × 768, 640 × 480 pixels
- Motion picture : 320 × 240 pixels

### ■ File Format

- Still picture : Compressed: JPEG (Exif2.1); No Compressed: TIFF
- Text : TIFF (G4 MMR system)
- Motion picture : AVI (Conforms to Open DML Motion JPEG format) 15 frames/second
- Voice memo : WAV (Exif2.1)

### ● Camera File System Standard

: DCF \* DCF stands for "Design rule for Camera File system" standardized by JEIDA

### ● Compression Format

: Conforms to JPEG baseline method

### ● File Sizes

- 2048 × 1536 : F mode: approx. 1.12 MB, N mode: approx. 568 KB, E mode: approx. 280 KB, NC mode: approx. 6 MB
- 1024 × 768 : F mode: approx. 376 KB, N mode: approx. 184 KB, E mode: approx. 88 KB, NC mode: approx. 1.5 MB
- 640 × 480 : F mode: 152 KB, N mode: 72 KB, E mode: approx. 40 KB, NC: approx. 640 KB

### ■ Input/Output Terminal

- Power input : 5 V (AC adapter)
- Video output : 1.0 Vp-p (75 Ω)
- RS-232C/AUX/USB : Exclusive

### ■ Body

- Tripod Screw Hole : Yes (1/4-20 UNC)  
: Length: less than 6.0 mm (0.24")

### ■ Power Supply

- Main Battery
  - Type : Rechargeable lithium ion battery
  - Voltage : 3.7 V (1 battery)

### ■ Keep Date Setting

: Approx. 1 month

### ■ Internal Memory

- Capacity : 8 MB (Maximum recordable area: 6 MB)

### ■ Compatible Memory Cards for Recording and Playback

- Type of Memory : CF card, PC card
- Operating voltage : 3.3 V

### ■ Communication, etc.

- Dial-up function : <protocol> PPP
- E-mail : <protocol> Internet mail (POP3/SMTP), <attachment> MIME
- Web browser (NetFront® 20) : <standards> HTML 3.2, SSL
- Fax Upload function : EIA Class 1, 2 (modem card dependent)
- Image editing functions : Cropping, Changing size, Rotating, Adding pen memo, Adding text memo, Adding voice annotation
- On-screen keypad : Alphabets (English, German, French), numbers and symbols

# About the Warranty and Servicing

1. This product is backed by a one-year limited warranty. During the warranty period, which starts from the date of purchase, any defective parts will be repaired free of charge. In the event of a camera malfunction, contact the dealer from which you purchased the camera or your nearest Ricoh service office. Please note that you will be not be reimbursed for the cost of bringing the camera to the Ricoh service office.
2. This warranty does not cover any damage resulting from:
  - ① failure to follow the instructions in the instruction manual;
  - ② repair, modification or overhaul not conducted by an authorized service center listed in the instruction manual;
  - ③ fire or natural disaster;
  - ④ improper storage, such as exposing the camera to high temperatures, humidity, or mothballs; storing it with a leaking battery; storing the camera in a dirty condition so that it becomes moldy; or otherwise insufficiently caring for the camera;
  - ⑤ Submergence; exposure to floods or spilled alcoholic or other beverages; allowing sand or mud to enter the camera; exposure to physical shocks; or dropping of the camera.
3. After a full year has passed from the purchase date, you will be liable for all repair fees, including those incurred at an authorized service center.
4. You will be liable for all repair fees, even within the warranty period, if the warranty card is not attached or if the distributor's name or the purchase date have been changed or are not indicated on the card.
5. Expenses for overhaul and thorough inspection by special request of the customer will be charged to the customer, whether or not they are incurred during the warranty period.
6. This warranty only applies to the camera and not to the accessories, such as the case and strap, nor does it apply to the battery and other consumables provided.
7. Any consequential damages arising from failure of the camera, such as expenses incurred in taking pictures or loss of expected profit, will not be reimbursed whether they occur during the warranty period or not.
8. The above provisions refer to repairs offered free of charge, and do not limit your legal rights. The intention of the above provisions is also described in the warranty card provided with this camera.
9. Parts essential to the servicing of the camera (that is, components required to maintain the functions and quality of the camera) will be available for a period of seven years after the camera is discontinued. However, as some parts are kept for a longer period, do not hesitate to contact your distributor or nearest Ricoh service office even after the seven-year period.
10. Please note that if the camera is seriously damaged by flooding, submergence, infiltration of sand or mud, violent shocks or dropping, the camera may not be repairable, and restoration to its original condition may be determined to be impossible.

- Note**
- Before sending the camera in for repair, check the battery and read the instruction manual again to ensure proper operation.
  - Some repairs require a significant amount of time to be completed.
  - When sending the camera to a service center, please include a note which describes the defective part and the problem as precisely as possible.
  - Remove all accessories not related to the problem before sending the camera to the service center.
  - Before taking any important pictures (such as at weddings, on trips abroad, etc.), test the camera to check operation and ensure proper functioning. We recommend that you keep this manual and spare battery on hand.

# Index

## A

AC adapter .....	18
AF LED .....	55
Auto bracket .....	73
Auto playback .....	101
Auto power off .....	117

## B

<b>Battery</b>	
Charging .....	15
Loading .....	16
Beep sound .....	117
<b>Brightness control</b>	
In Text mode .....	81

## C

<b>Camera</b>	
How to hold .....	44
Parts & names .....	6
Turning off .....	24
Turning on .....	24
<b>Camera information</b>	
Date and time .....	39
Setting .....	39
<b>Characters</b>	
Erasing .....	38
Writing .....	37
<b>Check box</b> .....	33
<b>Continuous shooting mode</b> .....	59
<b>Contrast</b>	
LCD monitor .....	28

## D

<b>Date imprinting</b> .....	71
<b>Diagrams</b>	
Drawing .....	37
Erasing .....	38
<b>Digital zoom</b> .....	54
<b>Display language</b> .....	119
<b>DPOF</b> .....	103
<b>Dropdown list</b> .....	34

## E

<b>Edit mode</b> .....	89
<b>Error Message</b> .....	133
<b>Exposure compensation</b> .....	64

## F

<b>File</b>	
Copying .....	92
Deleting all .....	113
Magnifying .....	91
Moving .....	92
<b>Fine adjustment</b>	
LCD monitor .....	29
<b>Flash LED</b> .....	56
<b>Flash modes</b> .....	62
<b>Focus lock shooting</b> .....	57
<b>Folder</b>	
Adding .....	121
Deleting .....	122
Selecting .....	51, 100

## I

<b>Image</b>	
Changing the image size .....	95
Cropping .....	95
Editing .....	94
Protecting .....	100
Rotating .....	96
<b>Image quality mode</b> .....	52
<b>Information display</b>	
LCD monitor .....	26
LCD panel .....	26
<b>Interval time-lapse recording</b> .....	77
<b>ISO sensitivity</b> .....	72
<b>Items</b>	
How to select .....	31

## K

<b>Keep settings</b> .....	116
<b>Keypad memo</b> .....	97



<b>L</b>	
LCD confirmation time .....	120
LCD monitor .....	28, 53
LCD monitor display	
Camera mode .....	49
Play mode .....	87
Lens cap .....	14

<b>M</b>	
Macro mode .....	69
Manual focus .....	70
Mode dial .....	25
Monochrome mode .....	76
Motion picture mode .....	60

<b>N</b>	
Neck strap .....	14
Non-Compressed mode .....	75

<b>O</b>	
On-screen keypad .....	35
Owner information	
Registering .....	42

<b>P</b>	
Pen memo .....	99
PIC button .....	52
Playback	
Recorded images .....	84
Power on	
When the LCD monitor is opened .	122
Presentation	
Changing .....	109
Deleting .....	111
Playing .....	108
Preparing .....	106

<b>R</b>	
Radio button .....	33
Redeye reduction mode .....	74
Remote control	
Deleting .....	127
Playback .....	126
Shooting .....	125

<b>S</b>	
Self-Timer .....	67
Settings	
Initializing .....	123
Shutter release button .....	55
Signature imprint mode .....	80
Single image playback display .....	89
SmartMedia memory card .....	22
Soft mode .....	78
Spin box .....	34
Still picture mode .....	55
Still pictures with voice memo .....	61
Storage memory	
Formatting .....	43
Inserting .....	20
Removing .....	21
Selecting .....	50
Stylus pen .....	28
Dragging .....	31
Touching .....	31

<b>T</b>	
Text mode .....	58
Text with voice memo .....	61
Thumbnail playback display .....	90
Time exposure mode .....	79
Tool palette .....	37

<b>V</b>	
Video-out signal method .....	119
Viewfinder .....	53
Viewfinder diopter	
Adjusting .....	44
Voice memo .....	98
Voice memo mode .....	59

<b>W</b>	
White balance mode .....	66

<b>Z</b>	
Zoom lever .....	54



## SETUP Mode (SETUP)



FORMAT	Camera	P.43
DATE SETTING	Camera	P.39
KEEP SETTING	Camera	P.116
BEEP SOUND	Camera	P.117
AUTO POWER OFF	Camera	P.117



LANGUAGE	Camera	P.119
VIDEO OUT MODE	Camera	P.119
LCD CONFIRMATION TIME	Camera	P.120
MAIL/WEB SETTING	Communication/Internet	P.32,41,50
DIAL-UP SETTING	Communication/Internet	P.24



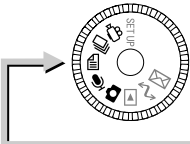
DIRECT UPLOAD	Communication/Internet	P.48
ADDRESS BOOK	Communication/Internet	P.37
JOB Navi.	Connecting to a Personal Computer	P.122
FTP UPLOAD	Communication/Internet	P.53
QUICK SEND	Communication/Internet	P.44







OWNER INFORMATION	Camera	P.42
FOLDERS	Camera	P.121
NETWORK	Connecting to a Personal Computer	P.160
PC CONNECTION	Connecting to a Personal Computer	P.158
MODEM SETTING	Communication/Internet	P.60



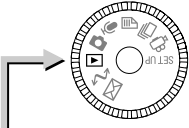
MODEM/LAN	Connecting to a Personal Computer	P.162
TOUCH SCREEN CALIBRATION	Camera	P.29
OPTIONS	Camera	P.122,123



## Recording Mode (📷, 🎤, 📄, 🖥️, 📹)

	<ul style="list-style-type: none"> <li>→ FOLDER</li> <li>→ VOICE MEMO</li> <li>→ FOCUS MODE</li> <li>→ DATE IMPRINT</li> <li>→ FLASH STRENGTH</li> </ul>	<ul style="list-style-type: none"> <li>Camera</li> <li>Camera</li> <li>Camera</li> <li>Camera</li> <li>Camera</li> </ul>	<ul style="list-style-type: none"> <li>P.51</li> <li>P.61</li> <li>P.70</li> <li>P.71</li> <li>P.63</li> </ul>
	<ul style="list-style-type: none"> <li>→ ISO SENSITIVITY</li> <li>→ AUTO BRACKET</li> <li>→ REDEYE REDUCTION</li> <li>→ NON-COMPRESSED MODE</li> <li>→ MONOCHROME MODE</li> </ul>	<ul style="list-style-type: none"> <li>Camera</li> <li>Camera</li> <li>Camera</li> <li>Camera</li> <li>Camera</li> </ul>	<ul style="list-style-type: none"> <li>P.72</li> <li>P.73</li> <li>P.74</li> <li>P.75</li> <li>P.76</li> </ul>
	<ul style="list-style-type: none"> <li>→ INTERVAL MODE</li> <li>→ SOFT MODE</li> <li>→ TIME EXPOSURE MODE</li> <li>→ SIGNATURE</li> </ul>	<ul style="list-style-type: none"> <li>Camera</li> <li>Camera</li> <li>Camera</li> <li>Camera</li> </ul>	<ul style="list-style-type: none"> <li>P.77</li> <li>P.78</li> <li>P.79</li> <li>P.80</li> </ul>
	<ul style="list-style-type: none"> <li>→ BRIGHTNESS CONTROL (only in Text mode)</li> </ul>	<ul style="list-style-type: none"> <li>Camera</li> </ul>	<ul style="list-style-type: none"> <li>P.81</li> </ul>

◆ <b>J Button</b>	Connecting to a Personal Computer	P.102
-------------------	-----------------------------------	-------



## Play Mode (▶)



Camera	P.89,90
Camera	P.91
Camera	P.103
Camera	P.112



EDIT IMAGE	Camera	P.94
MEMO	Camera	P.97
COPY/MOVE	Camera	P.92
SEND	Communication/Internet	P.69,72,77
QUICK SEND	Communication/Internet	P.67

## ◆ MENU Button



FOLDER	Camera	P.100
PROTECT	Camera	P.100
DELETE ALL IMAGES	Camera	P.113
AUTO PLAYBACK	Camera	P.101

## ◆ Edit Mode → [J] Button



HTML FILE CREATION	Communication/Internet	P.114
PRESENTATION	Camera	P.108
NEW PRESENTATION	Camera	P.106



## PC Mode (↔)

Connecting to a Personal Computer



## Communication Mode (✉)



→ E-MAIL	Communication/Internet	P.85
→ DIRECT UPLOAD	Communication/Internet	P.95
→ FAX	Communication/Internet	P.98
→ WEB	Communication/Internet	P.101
→ FTP UPLOAD	Communication/Internet	P.116



Declaration of Conformity

“The Product complies with the requirements of the EMC Directive 89/336/EEC.”

## INFORMATION TO THE USER

### USA FCC Part15 Class B

The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. In this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. (FCC 15.105B)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. (FCC 15.21) Properly shielded and grounded cables and connectors must be used for connection to a host computer in order to comply with FCC emission limits. (FCC 15.27) An AC adapter with a ferrite core must be used for RF interference suppression.

### COMPLIANCE INFORMATION STATEMENT

Product Name: IMAGE CAPTURING DEVICE

Model Number: RDC-i700

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

RICOH CORPORATION

5 Dedrick Place, West Caldwell NJ, 07006 Tel.: 1-800-225-1899

### Note to Users in Canada

**Note:** This Class B digital apparatus complies with Canadian ICES-003

### Remarque Concernant les Utilisateurs au Canada

Avertissement: Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada

IMPORTANT SAFETY INSTRUCTIONS-SAVE THESE INSTRUCTIONS DANGER-TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

# Ricoh Service Offices

---

Ricoh Co., Ltd.  
Ohmori NM Building  
1-1 Ohmori-Kita 2-chome  
Ota-ku, Tokyo  
143-0016 JAPAN  
[http://www.ricoh.co.jp/r\\_dc](http://www.ricoh.co.jp/r_dc)

Ricoh Factory Service Center  
3235 Sunrise Blvd.,  
Suite2 Rancho Cordova,  
CA 95742  
<http://www.ricohzone.com/>

Ricoh Europe B.V.  
Photo Products Division  
P.O. Box 75640  
1118 ZR Schiphol  
The Netherlands  
<http://www.ricoh-red.com/>  
<http://www.ricoh-europe.com/>  
E-mail:camera@ricoh.nl

Ricoh Europe B.V.  
Düsseldorf Branch  
Photo Products Division  
Oberrather Straße 6  
D-40472 Düsseldorf  
Germany

Ricoh Photo Products (Asia), Ltd.  
Unit D, E & F  
24/F., China Overseas Building  
139 Hennessy Road, Wan Chai  
Hong Kong

Ricoh Australia Pty. Ltd.  
8 Rodborough Road  
Frenchs Forrest, N.S.W. 2086  
Australia  
<http://www.ricoh-aust.com.au>





**RICOH CO., LTD.**  
Ohmori NM Building  
1-1 Ohmori-kita 2 chome  
Ota-ku, Tokyo  
143-0016 Japan  
L2132551

