



GR10

Owner's Manual
Manual de instrucciones
Mode d'emploi
Bedienungsanleitung
中文使用說明書

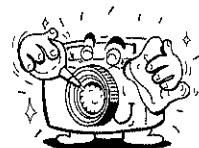
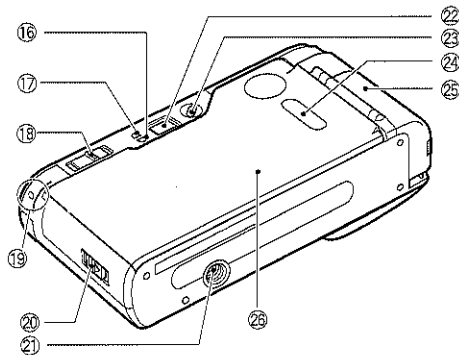
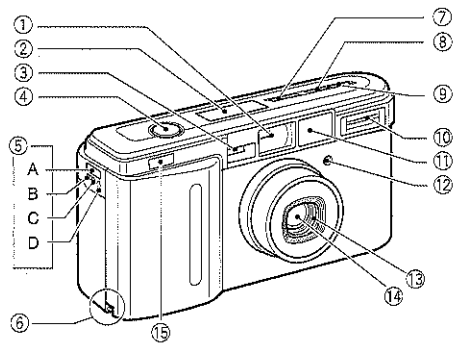


Fig. 1 Abb. 1 圖 1

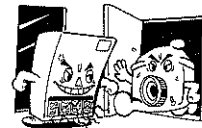


Fig. 4 Abb. 4 圖 4

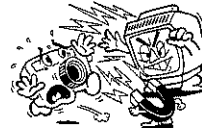


Fig. 7 Abb. 7 圖 7



Fig. 2 Abb. 2 圖 2

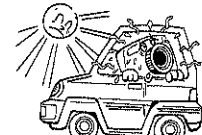


Fig. 5 Abb. 5 圖 5

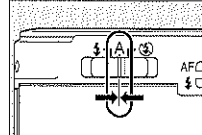


Fig. 8 Abb. 8 圖 8



Fig. 3 Abb. 3 圖 3

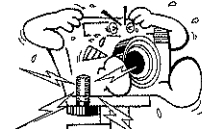


Fig. 6 Abb. 6 圖 6

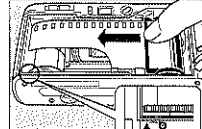


Fig. 9 Abb. 9 圖 9

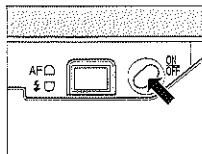


Fig. 10 Abb. 10 圖 10

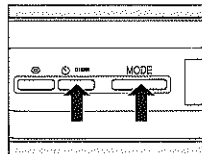


Fig. 11 Abb. 11 圖 11

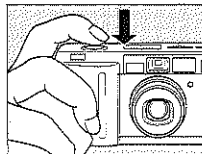


Fig. 12 Abb. 12 圖 12

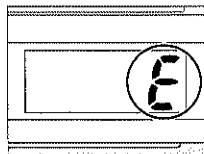


Fig. 13 Abb. 13 圖 13

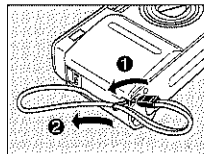


Fig. 14 Abb. 14 圖 14

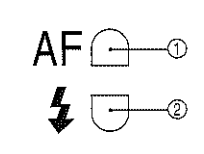


Fig. 15 Abb. 15 圖 15

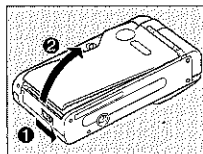


Fig. 16 Abb. 16 圖 16

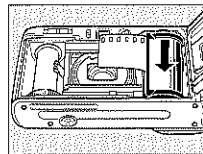


Fig. 17 Abb. 17 圖 17

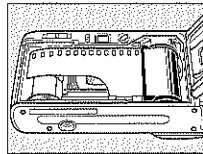


Fig. 18 Abb. 18 圖 18

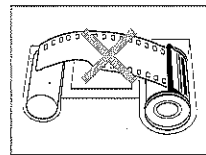


Fig. 19 Abb. 19 圖 19

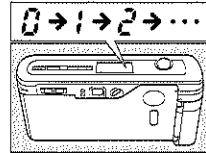


Fig. 20 Abb. 20 圖 20

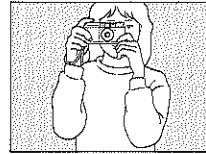


Fig. 21 Abb. 21 圖 21

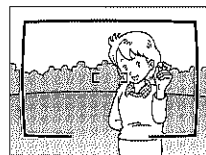


Fig. 22 Abb. 22 圖 22

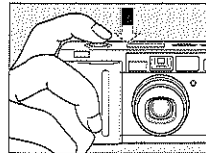


Fig. 23 Abb. 23 圖 23

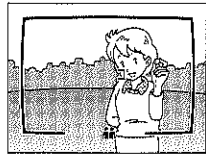


Fig. 24 Abb. 24 圖 24

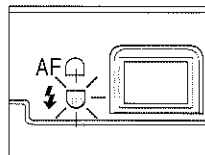


Fig. 25 Abb. 25 圖 25

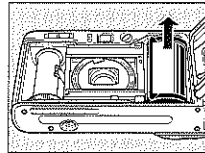


Fig. 26 Abb. 26 圖 26

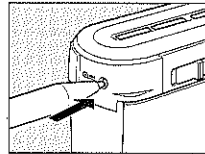


Fig. 27 Abb. 27 圖 27

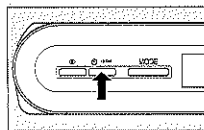


Fig. 28 Abb. 28 圖 28

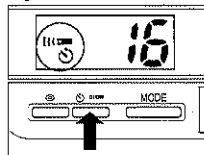


Fig. 29 Abb. 29 圖 29

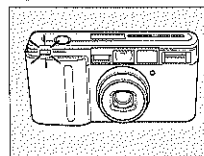


Fig. 30 Abb. 30 圖 30

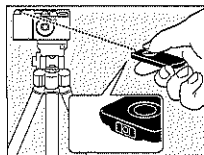


Fig. 31 Abb. 31 圖 31

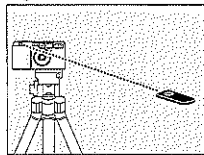


Fig. 32 Abb. 32 圖 32

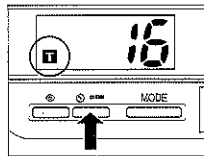


Fig. 33 Abb. 33 圖 33

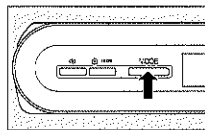


Fig. 34 Abb. 34 圖 34



Fig. 35 Abb. 35 圖 35

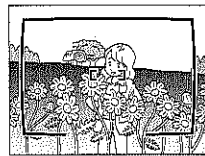


Fig. 36 Abb. 36 圖 36

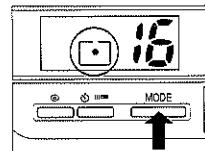


Fig. 37 Abb. 37 圖 37

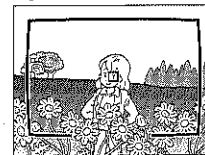


Fig. 38 Abb. 38 圖 38

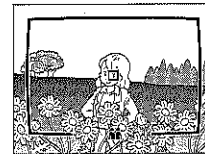


Fig. 39 Abb. 39 圖 39



Fig. 40 Abb. 40 圖 40

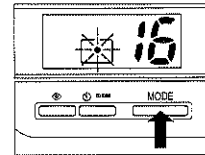


Fig. 41 Abb. 41 圖 41

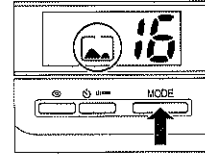


Fig. 42 Abb. 42 圖 42

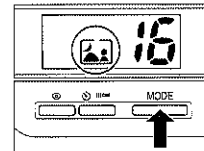


Fig. 43 Abb. 43 圖 43

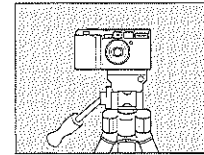


Fig. 44 Abb. 44 圖 44

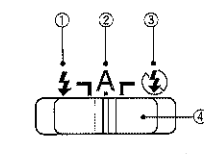


Fig. 45 Abb. 45 圖 45

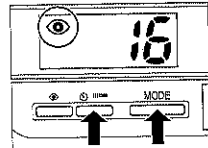


Fig. 46 Abb. 46 圖 46

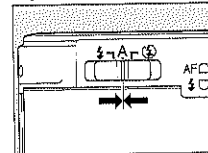


Fig. 47 Abb. 47 圖 47

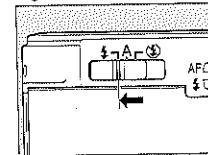


Fig. 48 Abb. 48 圖 48

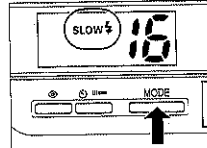


Fig. 49 Abb. 49 圖 49

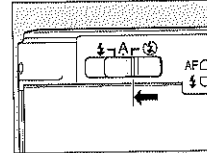


Fig. 50 Abb. 50 圖 50

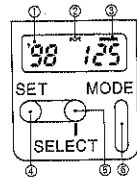


Fig. 51 Abb. 51 圖 51

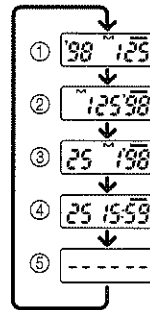


Fig. 52 Abb. 52 圖 52

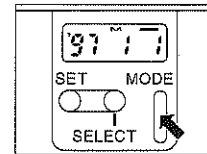


Fig. 53 Abb. 53 圖 53

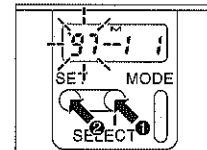


Fig. 54 Abb. 54 圖 54

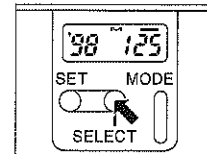


Fig. 55 Abb. 55 圖 55

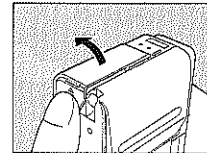


Fig. 56 Abb. 56 圖 56

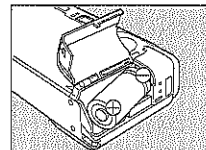


Fig. 57 Abb. 57 圖 57

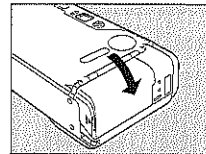


Fig. 58 Abb. 58 圖 58



Example 1 / Ejemplo 1
Example 1 / Beispiel 1 / 例1



Example 2 / Ejemplo 2
Example 2 / Beispiel 2 / 例2



Example 3 / Ejemplo 3
Example 3 / Beispiel 3 / 例3



Example 4 / Ejemplo 4
Example 4 / Beispiel 4 / 例4



Example 5 / Ejemplo 5
Example 5 / Beispiel 5 / 例5

ENGLISH (Page 12~37)

ESPAÑOL (Página 38~63)

FRANÇAIS (Pages 64~89)

DEUTSCH (Seite 90~115)

中文 (116頁~141頁)

CONTENTS

Main Features	13	Focus Modes	25
Proper Care of Your Camera	13	Single Auto-Focus Mode	25
Basic Operation	14	Fixed Focus Mode	26
General Guide	15	Infinity Mode	26
Attaching the Strap	15	Super Night Mode	26
LCD Panel Indicators	16	Flash Photography	28
Indicator Lamps	17	Red Eye Reduction Mode	28
AF Monitor Lamp (Yellow)	17	Auto Flash Mode	29
Flash Monitor Lamp (Red)	17	Flash-On Mode	29
Viewfinder Indicators	18	Slow Synchro	30
Distance Symbols	19	Flash-Off Mode	30
Auto-Focus Marks	19	DATE Imprinting	30
Loading Film	20	DATE Display and Controls	30
Taking Pictures	21	Selecting the Imprint Date Format	31
Auto-Focus Problems	22	Setting the Current Date and Time	31
Auto Power Off	22	Loading the Battery	32
Removing Exposed Film	22	Battery Precautions	33
Self-Timer/Time Exposure Modes	23	Film Precautions	33
Self-Timer Mode	23	Troubleshooting	34
Remote Control Mode	24	Major Specifications	35
Time Exposure Mode	24		

MAIN FEATURES

- High-resolution GR lens 28mm f/2.8
- Ultra-slim, 26.5mm body for unlimited portability and easy operation
- Pre-wind System

Important!

- This camera contains high-voltage circuitry. Never try to take it apart. Doing so creates the danger of serious electrical shock.
- Be sure to test the camera and learn how it works before using it to take important, irreplaceable pictures (at weddings, on trips abroad, etc.)

PROPER CARE OF YOUR CAMERA

- ★ Never attempt to wipe dust or dirt from the camera's lens or windows with your fingers. Always use a blower to blow the dust away, or wipe the surface gently with camera lens tissue or a soft cloth. (Fig. 1)

- ★ Impact, high humidity, salt, and other abnormal conditions can cause the camera to malfunction. Carefully wipe off the camera after using it at the beach or areas subjected to salt spray, high humidity, or chemicals. (Fig. 2, 3)
- ★ Take care not to expose the camera to sudden changes in temperature, which can cause condensation to form on the lens, on the film, inside the camera body, or on other surfaces. (Fig. 4)
- ★ Do not leave the camera for long periods in your car, in direct sunlight or in any other area subjected to extremely high temperatures. Doing so can ruin your film and even cause the camera to malfunction. (Fig. 5)
- ★ When using a tripod, the screw length should be less than 5.7mm (1/4 inch). Never try to force a longer screw into the mounting hole. (Fig. 6)
- ★ Do not leave the camera near a TV, radio, or any other device that generates strong magnetic fields. (Fig. 7)

BASIC OPERATION

Following is basic operation using the Program Mode. See the referenced pages for more detail.

■ Camera Setup

Flash Mode Switch: A (Auto Flash Mode) (Fig. 8)

1. Load film into the camera (page 20). (Fig. 9)
The film is automatically wound to the film take-up spool.
2. Turn on camera power. (Fig. 10)
The lens extends from the camera and the lens cover opens.
3. Make Self-timer Mode (page 23), Time Exposure Mode (page 24), and focus mode (page 25) settings as necessary. (Fig. 11)
4. Point the camera at the subject, press the shutter release button part way down, and check the indicators in the viewfinder (page 18). (Fig. 12)

5. Press the shutter release button all the way down to release the shutter.

The indicator **E** on the LCD panel indicates that the end of the film has been reached. Open the Back Cover of the camera and remove the film cassette (page 22). (Fig. 13)

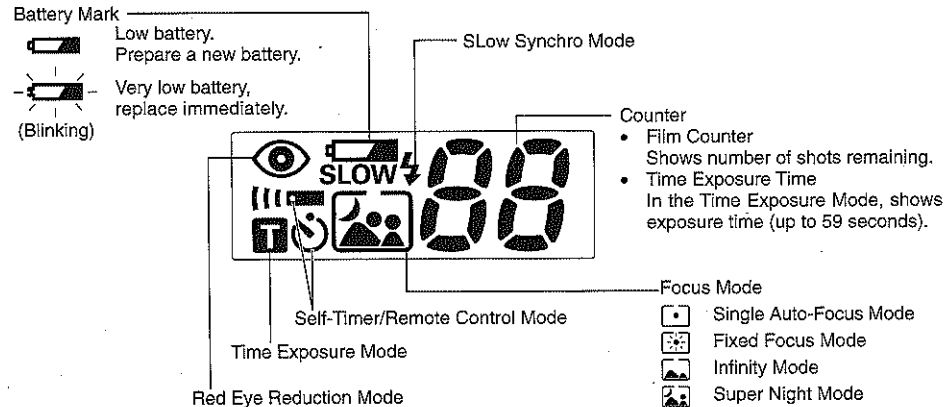
GENERAL GUIDE

- | | |
|--|--|
| ① Viewfinder Window | ⑬ Lens Cover |
| ② LCD Panel | ⑭ Lens |
| ③ Auto-Focus Window | ⑮ Self-Timer LED/Remote Control Sensor |
| ④ Shutter Release Button | ⑯ Flash Monitor Lamp |
| ⑤ A. Date display panel | ⑰ AF Monitor Lamp |
| B. SET Button | ⑱ Flash Mode Switch |
| C. SELECT Button | ⑲ Manual Film Rewind Button |
| D. MODE Button | ⑳ Back Cover Latch |
| ⑥ Strap Eyelet | ㉑ Tripod Socket |
| ⑦ Focus Mode Button | ㉒ Viewfinder |
| ⑧ Self-Timer/Time Exposure Mode Button | ㉓ Power Loaded Switch |
| ⑨ Red-eye Reduction Button | ㉔ Film Window |
| ⑩ Built-in Flash | ㉕ Battery Compartment Cover |
| ⑪ Bright Frame Window | ㉖ Back Cover |
| ⑫ Photocell | |

ATTACHING THE STRAP (FIG. 14)

LCD PANEL INDICATORS

Though the example display shows all the indicators, normally indicators appear only when applicable.



INDICATOR LAMPS

The indicator lamps operate to alert you to certain conditions when you press the shutter release button part way down. (Fig. 15)

It does not light when the camera is in the Program Mode and exposure is within normal limits.

① AF MONITOR LAMP (YELLOW)

This lamp flashes to indicate over or underexposure only.

AF Monitor Lamp	Meaning
On	Focused
Flashing	Not focused

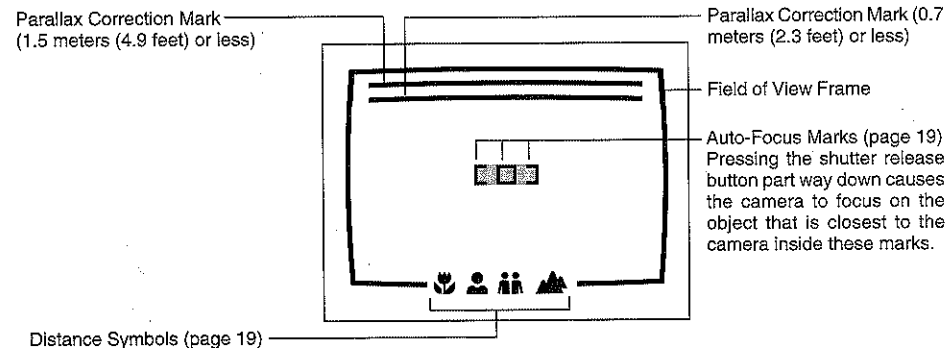
② FLASH MONITOR LAMP (RED)

Flash Monitor Lamp Status	Meaning
On	Flash will operate
Flashing	Flash is charging, and shutter release is disable . This indicator flashes during recharging regardless of whether or not the shutter release button is pressed down part way.
Flashing Quickly	Flash is too far from subject, and shutter release is enabled . The warning is calculated based on the condition that reversal film is being used. See "Flash Photography" on page 28 for details on negative film flash ranges.

VIEWFINDER INDICATORS

Note

- Certain lighting conditions and subject can cause the contents of the viewfinder to become difficult to see.



DISTANCE SYMBOLS

Symbol	Meaning
	0.35 to 0.7 meters (1.1 to 2.3 feet) With [] or □ Auto-Focus Mark flashing Closer than 0.35 meters (1.1 feet). Shutter is disabled while this indicator is flashing.
	0.7 to 1.5 meters (2.3 to 4.9 feet)
	1.5 to 5 meters (4.9 to 16.5 feet) With [] or □ Auto-Focus Mark flashing Subject is out of focus or extremely close. Shutter is enabled , with the camera focusing for a distance of 2.5 meters (8.2 feet). See "Auto-Focus Problems" on page 22 for details on hard-to-focus subjects.
	5 meters (16.5 feet) or more




AUTO-FOCUS MARKS

Auto-Focus Marks	Status	Meaning
[]	On	Initial configuration of the Auto-Focus marks when camera is turned on.
	Flashing	Infinity Mode
□	On	Center point focus Single Auto-Focus Mode Fixed Focus Mode
	Flashing	Cannot focus
[On	Left side focus
]	On	Right side focus


LOADING FILM

The camera automatically makes appropriate settings whenever a DX-coded film cassette is loaded.

Be sure to perform the following procedure in a shady area away from direct sunlight.

1. Slide the back cover latch down  to open the back cover . (Fig. 16)
2. Load a film cassette into the camera's film chamber. (Fig. 17)
3. Pull the film leader so it reaches the  mark inside the camera. (Fig. 9)


Important!

- Take care not to pull the film leader too far past the  mark.
- Make sure that the film is positioned between the upper and lower film guides and not on top of them. (Fig. 18)
- Do not let the film bend upwards and make sure that the outlet of the film cassette is not pointing upwards. (Fig. 19)

4. Close the back cover and press down on it until it locks in place. (Fig. 20)

The Pre-wind System automatically winds the film from the cassette onto the spool on the other side. If the film is loaded correctly, the Counter digits on the LCD panel count the number of exposures available.

Important!


- Zero () will flash on the LCD panel if the film cannot be wound because it is not loaded correctly. If this happens, open the back cover of the camera and correct the problem.

Note

- If the camera was not turned on when you loaded film, the count is cleared from the LCD panel about five seconds after the winding is complete.

About the Pre-wind System

The Pre-wind System automatically winds the film from the cassette to the film take-up spool. It normally takes about 30 seconds to wind a standard 36-exposure roll of film.

Each time to shoot a frame, the film winds into the cassette. If you accidentally open the back cover of the camera while film is loaded, close it immediately. When you do this, the film will be automatically rewound into the cassette, and the Film Counter will display . Remove the film cassette and have it developed. All your shots that were wound into the cassette before the back cover was opened are not lost.

TAKING PICTURES

This section describes how to take pictures. See page 28 for details on using flash.

1. Press the power switch to turn on the camera. (Fig. 10)
The lens extends, the lens cover opens, and indicators appear on the LCD panel and in the viewfinder.
2. Aim the camera. (Fig. 21)
Always use both hands to steady the camera. When holding the camera vertically, always position it with the flash at the top.

- ★ Be careful not to place your fingers over the lens, flash, or focusing windows.

3. Compose the picture in the viewfinder. (Fig. 22)
 - ★ Range: 0.35m (1.1 feet) to ∞
 - ★ Shutter release is disabled when the subject being focused on is closer than 0.35 meters (1.1 feet).
4. Press the shutter release button part way down. (Fig. 23)
This performs light metering and auto focus operations, and causes the Auto-Focus Marks, and a Distance Symbol to appear in the viewfinder (page 18). (Fig. 24)
The Auto-Focus Marks flash if the camera cannot focus correctly.
 - ★ When the subject you wish to focus on is not in the Multi-AF area in the viewfinder, or when there is another subject in front of the main subject you wish to focus on in the AF area, you should use pre-focus shooting.
 - ★ The red Flash Monitor Lamp lights if flash will fire when you release the shutter (page 17). (Fig. 25)
5. Release the shutter by pressing the shutter release button all the way down. (Fig. 12)

AUTO-FOCUS PROBLEMS

The Auto-Focus Marks inside the viewfinder flash to indicate that focusing is not possible under current conditions. You may experience problems when trying to focus the following types of subjects.

- Subjects with little or no contrast (sky, white walls, automobile hoods, etc.)
- Subjects with a smooth surface and horizontal lines only
- Fast-moving subjects
- Very dark colors
- Repeating patterns
- Subjects emitting or reflecting strong light

Whenever you have a problem focusing on a particular subject, point the camera at another subject the same distance away as the subject you are having problems with and press the shutter release button part way down. Keeping the shutter release button depressed part way, point the camera at the original subject and then press the Shutter Release button down all the way to take the picture.

AUTO POWER OFF

Camera power turns off automatically if you do not perform any operation for about five minutes. Lightly press the shutter release button part way down to turn power back on.


Note

- When shooting through glass, position the camera as close as possible to the glass.
- The lens moves slightly whenever you release the shutter while using auto-focus.
- To avoid accidentally releasing the shutter and wasting film, always turn the camera off when you are not using it.

REMOVING EXPOSED FILM

The film automatically rewinds into the cassette when it reaches the end, and **E** appears on the LCD panel. (Fig. 13)

1. Open the Back Cover of the camera and remove the film cassette. (**Fig. 26**)

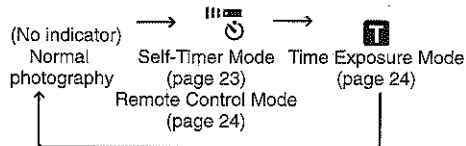
★ If you wish to rewind the film before reaching the end of the film, push the Manual Film Rewind Button with a pen, etc. (If the Film Rewind Button  is pressed with a pen whilst it is rewinding, the film leader will not be wound into the film cassette and will remain outside.) (Fig. 27)

Note

- A film rewind operation cannot be stopped once it starts.

SELF-TIMER/TIME EXPOSURE MODES

Each press of the Self-Timer/Time Exposure Mode button changes modes in sequence shown nearby. (Fig. 28)




★ When the Super Night Mode has been selected, the Time Exposure Mode cannot be selected.

Note

- The camera automatically also exits the Self-Timer/Time Exposure Mode whenever power is turned off, whenever Auto Power Off operates, whenever film is replaced, and whenever the battery is replaced.

SELF-TIMER MODE

Mount the camera on a tripod whenever using the Self-Timer Mode.

1. After composing the picture, use the Self-Timer/Time Exposure Mode Button to display the  indicator on the LCD panel. (Fig. 29)
2. Press the shutter release button. (Fig. 30)
The Self-Timer LED on the front of the camera stays on for about eight seconds. Next, it flashes for about two seconds. The shutter releases a total of about 10 seconds after you press the shutter release button.
★ Press the Self-Timer/Time Exposure Mode Button to cancel a Self-Timer operation before the shutter releases.

- ★ Pressing the shutter release button any time while the Self-Timer LED is lit or flashing releases the shutter.

REMOTE CONTROL MODE (Remote Control Unit is Optional)

Mount the camera on a tripod whenever using the Remote Control Mode.

1. After composing the picture, use the Self-Timer/Time Exposure Mode Button to display the "S" indicator on the LCD panel. (Fig. 29)
- ★ The Focus Lock cannot be used during Remote Control shooting.
2. Aim the transmitter of the Remote Control Unit towards the front of your camera, and press the Transmit Button. (Fig. 31)
When the signal is received, the camera is focused automatically, the Self-timer LED lights up and after about 2 sec. the shutter is released. (Fig. 32)
For another shot, repeat procedure 2 above.
- ★ The camera is focused when the signals from the Remote Control Unit are received.
- ★ Be careful to keep the transmitter of the Remote Control Unit clean.

- ★ The operating life of the built-in battery of the Remote Control Unit is about 2 years. If the camera stops responding to the Remote Control Unit, it is probably because the battery has run down. Bring the Remote Control Unit to your Ricoh dealer.
- ★ Operating distance is within about 3.5 m-5 m (11ft.-16.4ft.), which varies depending on the angle of transmission to the camera.

TIME EXPOSURE MODE

The camera's Time Exposure Mode makes it possible to keep the camera's shutter open for virtually as long as you want. Be sure to put the camera onto a tripod before using the Time Exposure Mode.

1. Use the Self-Timer/Time Exposure Mode Button to display the "T" Time Exposure Mode indicator on the LCD panel. (Fig. 33)
2. Press the shutter release button.
The shutter opens and a count indicating the time in seconds that the shutter has been opened appears on the LCD panel.
- ★ The Time Exposure Mode has a maximum length of 60 seconds. After 60 seconds has elapsed the shutter closes automatically.

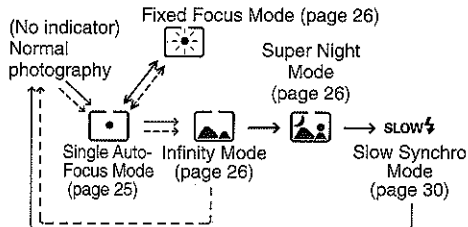
3. Press the shutter release button again to close the shutter.

Note

- The shutter can also be opened and closed by remote control.

FOCUS MODES

Each press of the Mode button changes modes in sequence shown nearby. (Fig. 34)



→ When in the Auto Flash Mode or the Flash-On Mode.

----> When in the Flash-Off Mode.

Note

- The camera automatically exits a mode whenever the film or battery is replaced.
- The focus mode does not change if camera power is turned off, except that the Fixed Focus Mode changes to the Single Auto-Focus Mode.

SINGLE AUTO-FOCUS MODE

Use the Single Auto-Focus Mode to lock the focus in the following situations.

- When the object you want to focus on is not located within the Auto-Focus Marks. (Fig. 35)
 - When there are objects within the Auto-Focus Marks between the camera and the object you want to focus on. (Fig. 36)
1. Use the Focus Mode Button to display the "AF" indicator on the LCD panel. (Fig. 37)
 2. Look through the viewfinder and aim the camera so the object you want to focus is inside the Auto-Focus Marks. (Fig. 38)
 3. Press the shutter release button part way down. (Fig. 39)
At this time focus and exposure settings are locked according to the object inside the Auto-Focus Marks.


- Keeping the shutter release button pressed part way down, re-aim the camera so the picture is composed the way you want it, and press the shutter release button all the way down to take the picture. (Fig. 40)

Note

- At EV6 and above, center-weighted light metering is used. Below EV6, average light metering is used.


FIXED FOCUS MODE

This mode lets you fix the focus for a specific distance, making it possible to shoot a picture with minimum time lag between when you press the shutter release button and when the shutter releases.

- Use the Focus Mode Button to enter the Single Auto-Focus Mode (page 25). (Fig. 37)
- Perform steps 1 through 3 of the procedure on page 25 to lock the focus on the object you want.
- Keeping the shutter release button pressed part way down, hold down the Focus Mode Button for about one second until the center point flashes on the LCD panel (). (Fig. 41)
The flashing center point means that focus is fixed.

INFINITY MODE

This mode lets you obtain sharply focused pictures of distant images.


- To select the Infinity Mode, use the Focus Mode Button to display the  indicator on the LCD panel. (Fig. 42)

Note

- In the Infinity Mode, focus is fixed at infinity so the Auto-Focus Marks in the viewfinder does not change no matter where your subject is located.
- In dim light, turn off the camera's flash and mount the camera on a tripod to prevent movement while the picture is being taken. Operation of the flash in the Infinity Mode can result in underexposure.

SUPER NIGHT MODE

With the Super Night Mode, beautiful pictures can be taken at night. The camera automatically selects the optimum settings for pictures of night scenery, pictures of people at night (slow synchro photography), and evening or day landscape pictures. (Example 1)

- Use the Focus Mode Button to display  indicator on the LCD Panel. (Fig. 43)
 - To prevent the camera from moving, stabilize it with a tripod. (Fig. 44)
Then, gently press the Shutter Release Button to take a picture.
- ★ The camera automatically selects one of the three photographing depending on the brightness and the

Flash Modes to take optimum pictures. This table shows the conditions when you use the film of ISO 100.

Note

- When the Time Exposure Mode or the Flash-Off Mode has been selected, the Super Night Mode cannot be selected.

Brightness		
Flash Mode		
	Bright (more than EV6.0)	Dark (less than EV6.0)
Auto Flash Mode	Photography will be taken by only Auto Flash Mode.	Super Night Photographing For taking photos of people against a background of night scenery, the camera will first focus on ∞ (infinity) and open the Shutter for up to 2 sec. without flash. After closing the shutter, the camera will then focus on the people and automatically releases the shutter once again to take another picture with the flash.
Flash-On Mode	Photography will be taken by only Flash-On Mode.	
		<ul style="list-style-type: none"> Background Focusing: ∞ (infinity) Shutter speed: Up to 2-1/8 sec. (Auto) Flashing: No People Focusing: People (subject) Shutter speed: 1/30 sec. Flashing: Yes

Reference:

- To prevent blurry pictures from slow shutter speeds, we recommend the use of a tripod or remote electronic shutter.
- You may wish to advise your subjects not to move until the flash fires, to prevent blurred pictures.
- Also, we recommend that your subject sit on a bench or lean on a fence etc, to be stable until the flash fires.

FLASH PHOTOGRAPHY

The built-in flash of this camera provides additional light when it is needed. A red eye reduction setting is also provided. (Fig. 45)

- ① Flash On Mode
- ② Auto Flash Mode
- ③ Flash Off Mode
- ④ Flash Mode Switch


The Flash Monitor Lamp lights to indicate that the flash will fire when you press the shutter release button part way down.


Recommended Flash Ranges (Aperture Full Open)

ISO100	0.35 to 3.8 meters (1.1 to 12.5 feet)
ISO400	0.35 to 7.6 meters (1.1 to 24.9 feet)


RED EYE REDUCTION MODE

Selecting this mode makes it possible to minimize the red-eye effect that sometimes occurs when taking portrait photographs with flash. Now it's easy for anyone to take superior shots of people.

★ The flash operates only in the Flash-On Mode or the Auto Flash Mode. Even if the  indicator is on the LCD panel, the flash does not operate in the Flash-Off Mode or when the camera judges that available light is sufficient without a flash in the Auto Flash Mode.

1. To select the Red Eye Reduction Mode, use the Red Eye Reduction Button to display the  indicator on the LCD panel. (Fig. 46)

Exiting the Red Eye Reduction Mode

- Hold down both the Self-Timer/Time Mode button and the Focus Mode Button for about one second until the  indicator disappears from the LCD panel.

- The camera does not exit the Red Eye Reduction Mode when you turn it off or open the back cover to replace film, but it does exit the mode when you replace the battery.

AUTO FLASH MODE

The Auto Flash Mode fires the flash automatically when the available light is low or when photographing using back lighting. When the subject is near, the intensity of the flash is adjusted automatically to provide a softer light for natural colors.

1. To select the Auto Flash Mode, slide the Flash Mode switch to the "A" setting. (Fig. 47)

With this mode, the flash fires automatically whenever the camera senses that supplementary lighting is required, or when you photograph using back lighting (within 3 meters) (page 21). In the Auto Flash Mode, the red Flash Monitor Lamp lights when you press the shutter release button part way down to indicate that the flash will fire. (Fig. 25)

The camera uses a shutter speed in the range of 1/30 to 1/60 second for flash photography when available light is low.

Important!


- When photographing a backlit subject, make sure that the subject is inside the Auto-Focus Marks. If it isn't, the camera may not be able to detect the backlighting and so may fail to fire the flash. Always use the Flash-On Mode (page 29) when you want to make sure that the flash will fire.
- Using higher speed films for photographing nearby subjects can result in overexposure.

FLASH-ON MODE

This forcibly trips the flash when you want to photograph subjects with sunlight to their side or back. It lets you take more natural-looking pictures by softening harsh shadows.

Example 2: When the Flash-On Mode is set



Example 3: When the Flash-On Mode is not set

1. To select the Flash-On Mode, slide the Flash Mode Switch to the  setting. (Fig. 48)
2. Press the Release Button. There will now be a flash every time the shutter is tripped.

SLOW SYNCHRO

Use this mode indoors, at parties and in lighted rooms when you want both the subject and the background to be sharp. **(Example 4)**

With Auto-Flash and Flash-On modes the background may be dark because of the limited range of the flash light. **(Example 5)**

1. Slide the Flash Mode Switch to either the  or "A" setting.
2. Use the Focus Mode Button to display the **SLOW** indicator on the LCD panel. **(Fig. 49)**


★ In dim light, the camera's shutter speed will be automatically reduced up to 2 sec. To prevent a blurry picture, hold the camera steady or use the tripod, and press the Shutter Release Button gently. **(Fig. 44)**

Note

- When the Auto Flash Mode or Flash-On Mode has been selected, the Slow Synchro Mode can be selected.

FLASH-OFF MODE

You should select this mode if you want to keep the flash from firing, no matter what the lighting conditions.

1. To select the Flash-Off Mode, slide the Flash Mode Switch to the  setting. **(Fig. 50)**

Note

- When the Flash-Off Mode has been selected, the Super Night Mode or the Slow Synchro Mode cannot be selected.

DATE IMPRINTING

The data imprinting feature lets you imprint the current date or time on your photographs.

DATE DISPLAY AND CONTROLS (Fig. 51)

- ① Date Display Panel
- ② Month Mark
This mark appears above the digits that indicate the month setting. This mark is not imprinted on the photograph.

③ Imprint Mark

This mark indicates that the date or time will be imprinted when a picture is taken. It flashes for about two or three seconds after you press the shutter release button to indicate when an imprint operation is being performed. This mark is not imprinted on the photograph.

④ SET Button

⑤ SELECT Button

⑥ MODE Button

SELECTING THE IMPRINT DATA FORMAT

Each press of the MODE Button changes the format of the imprint data on the Date Display Panel as shown nearby. **(Fig. 52)**

Important!

- Imprint data may not be visible if the area behind it is colored white or orange.

① Year/Month/Day

② Month/Day/Year

③ Day/Month/Year

④ Day/Hour/Minutes

⑤ Imprint Off

SETTING THE CURRENT DATE AND TIME


Use the following procedure to set the current date and time after replacing the battery, etc.

1. Use the MODE Button to select the imprint data format whose settings you want to change. **(Fig. 53)**


★ Select one of the date formats to change the date setting, or the Day/Hour/Minutes setting to change the time setting. Note that you cannot change the day setting with the Day/Hour/Minutes format.

2. Press the SELECT Button and the currently set digits on the Date Display Panel flash, because they are selected. **(Fig. 54)**
3. Use the SET Button to change the currently selected (flashing) digits.

Each press of the SET Button increments the selected digits by one. Holding down the SET Button increments the setting at high speed.

4. Press the SELECT Button to select the digits of the next setting.
5. Repeat steps 3 and 4 as many times as necessary to set all of the digits on the display.
6. Pressing the SELECT Button while the digits for the last setting are selected causes the Imprint Mark  to appear on the Date Display Panel. (Fig. 55)

Note

- Use a ball-point pen or other similar object to press the buttons.
- Date imprinting will not operate while any setting is flashing on the Date Display Panel. Make sure you press the SELECT Button until the Imprint Mark  appears after you make the settings you want.

LOADING THE BATTERY

The camera is powered by a CR-123A battery. Replace it whenever the battery mark is flashing on the LCD panel.

1. Push Battery Compartment Cover away from camera body to release batteries. (Fig. 56)

Important!

- Be sure to always turn camera power off before opening the battery compartment cover.
2. Insert the 3 volt lithium battery, checking that the + and - poles on the battery are aligned according to the polarity diagram inside the Battery Compartment. (Fig. 57)
 3. Close the Battery Compartment Cover by pushing it in the direction of the arrow until it locks firmly in place. (Fig. 58)
 - ★ If you leave the camera without a battery installed for a few minutes, its date setting will revert to the default of January 1, 1997. Use the procedure on page 31 to set the correct date.
 - ★ We recommend that you always carry extra batteries with you when travelling. This is especially true when travelling overseas, where you may not be able to purchase the type of battery you need.

BATTERY PRECAUTIONS

- ★ Use only the specified battery type.
- ★ Loading a battery with its positive (+) and negative (-) poles facing the wrong way can cause the battery to leak and damage your camera.
- ★ Never expose batteries to direct heat or allow them to become shorted. Never try to take batteries apart and do not charge batteries. Doing so creates the danger of batteries bursting, fire, personal injury, and acid damage.
- ★ Extreme cold (below 0°C) can cause battery performance to deteriorate, and the battery mark to flash on the LCD panel. Under such conditions, warm the battery in your pocket or alternate multiple batteries, keeping one warm when it is not loaded in the camera. A cold battery will recover its performance once it is returned to normal temperature.
- ★ Battery terminals that are soiled with sweat or oil can result in poor electrical contact. Wipe off the battery with a soft, dry cloth before loading it into the camera.
- ★ Battery performance depends on manufacturer and type.

FILM PRECAUTIONS

- ★ The film leader is susceptible to bending and breaking when very cold. Warm the end of the film with your hands before loading it into your camera.
- ★ Use up all the film in a roll and have it processed within a reasonable amount of time. Leaving film in the camera for a long time can cause discoloration.
- ★ The number of exposures indicated on the LCD panel for a roll of film may be more than the number of exposures marked on the film package.

TROUBLESHOOTING

Check the following points whenever the shutter fails to release when you press the shutter release button. If you still experience a problem, contact your nearest RICOH Service Provider.

Possible Cause	What to check	What to do	Page
Power is off.	Is the lens extended from the camera? If not, power is not on.	Press the power switch to turn on power.	21
Battery is dead.	Is the battery mark flashing on the LCD panel?	Replace the battery with a new one.	32
Flash is charging.	Is the red Flash Monitor Lamp blinking?	Wait until the blink stops.	
Subject is too close to the camera.	Are the Auto-Focus Marks in the viewfinder and the AF Monitor Lamp flashing? Is the object inside the Auto-Focus Marks closer than 0.35 meters?	Increase the distance between the camera and the object within the Auto-Focus Marks to at least 0.35 meters.	
Film is not loaded correctly.	Is "0" flashing on the LCD panel?	Reload film correctly.	20
End of the film was reached.	Is "E" displayed on the LCD panel?	Replace the film in the camera with a new roll.	20

MAJOR SPECIFICATIONS

Type:	35mm Autofocus Lens Shutter Camera
Lens:	GR Lens 28mm f/2.8 (7 elements, 4 groups) multi-coating aspherical glass lenses
Focusing:	Passive type multi-autofocus (with focus lock) Distance measuring range: 0.35m (1.1 ft.) to ∞ (infinity) Single Auto-Focus Mode, Fixed Focus Mode
Shutter:	Programmed electronic shutter, Approx. 2 to 1/400 second, Time Mode
Viewfinder:	Reverse Galilean type with LCD bright frame In-finder illumination under low lighting
Viewfinder Field of View Factor:	Vertically: 81%, Horizontally: 83%
Viewfinder Magnification:	0.43
Viewfinder Diopter:	-1dpt
Exposure Control:	Programmed AE Dual SPD photocell
Coupling Range:	EV2 to 17 (ISO100), automatic flash for backlit subjects up to 3.0 meters.
Film Speed:	ISO 50 to 3200, compatible with DX Code System ISO100 for non-DX films

Film Loading:	Ricoh Auto-Load System, film prewinds to the last frame number when back cover is closed.
Film Wind/Rewind:	Ricoh Auto Prewind System, automatic winding, automatic rewinding, automatic rewinding of partial roll, film window
Exposure Counter:	Counts down number of exposures left.
Built-in Flash:	Electronic flash that automatically adjusts flash amount to available light levels Auto Flash for low light and back-lit subjects; Slow Synchro
Flash Guide Number:	7.5 (ISO100)
Flash Range:	ISO 100 : 0.35 to 3.8 meters (1.1 to 12.5 feet) ISO 400 : 0.35 to 7.6 meters (1.1 to 24.9 feet)
Flash Charge Time:	Approx. 5 seconds
Battery Life:	Approx. 300 shots (50% with flash, according to Ricoh test conditions) Low battery indicated by battery mark
Modes:	Self-Timer Mode; Remote Control Mode; Time Exposure Mode Single Auto-Focus Mode; Fixed Focus Mode; Infinity Mode; Super Night Mode Auto Flash Mode; Flash-On Mode; Slow synchro Mode; Flash-Off Mode Red Eye Reduction Mode

Self-Timer:	Built-in 10-second digital timer; operation indicated by LED
Auto Power Off:	Approx. 5 minutes after last operation
Power Supply:	One 3V CR-123A lithium battery
Data Imprinting Power Supply:	Main power supply
Date Imprint Formats:	Year/Month/Day; Month/Day/Year; Day/Hour/Minutes
Date Display Formats:	Year/Month/Day; Month/Day/Year; Day/Hour/Minutes; Data Imprint Off
Dimensions:	118 (W) x 61 (H) x 26.5 (D) mm, 4.6 (W) x 2.4 (H) x 1.0 (D) inch (not including grip)
Weight:	170g (6.0 oz) without battery