

Ricoh Shotmaster AF

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RICOH

SHOTMASTER AF

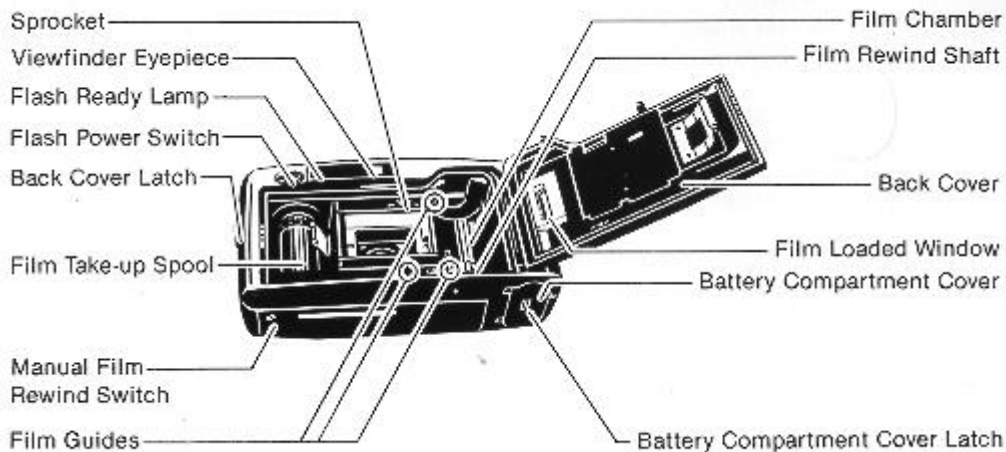
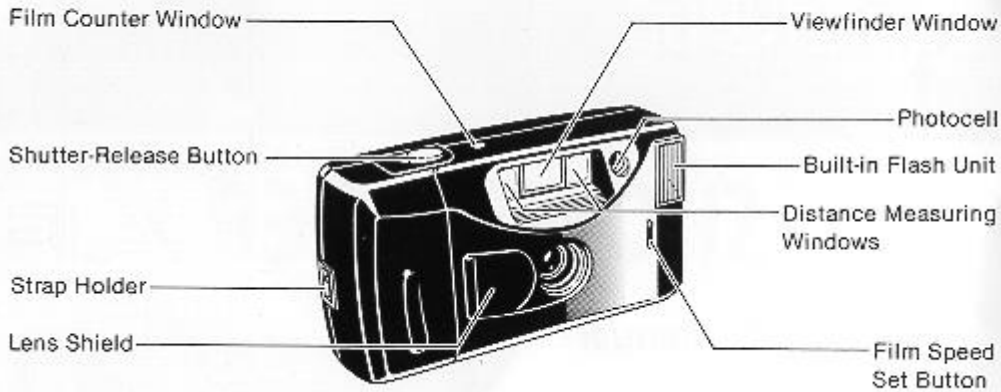
Owner's Manual

We are most gratified that you have selected a RICOH camera. Before using your camera, please be sure to read these instructions carefully.



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USING THE STRAP

Attaching the strap

1. Insert the small loop at the end of the Strap under the Strap Holder. (Fig. 1)
2. Insert the other end of the Strap through the loop to tie the Strap onto the Strap Holder. (Fig. 2)

INSERTING THE BATTERY

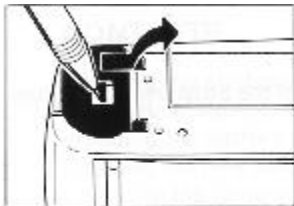


Fig. 3

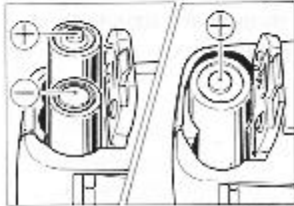


Fig. 4

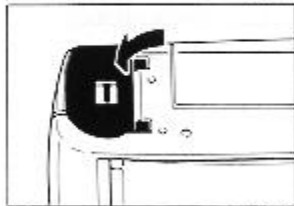


Fig. 5

6

The camera will not operate unless the battery is installed. It is important to make sure that the battery is installed correctly.

1. Use a pen to push the Battery Compartment Cover Latch in the direction of the arrow and pull open the cover. (Fig. 3)
2. Insert the 3 volt lithium battery or 2 AA-size alkaline/ manganese batteries, checking that + and - on the battery are lined up correctly according to the polarity diagram inside the battery compartment. (Fig. 4)
3. Close the Battery Compartment Cover by pushing it in the direction of the arrow. (Fig. 5)

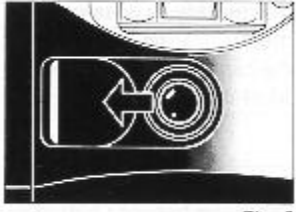
* When replacing the battery, do so as quickly as possible, and avoid having film inside the camera.

* Please remove the battery from the camera when you do not use the camera for a long period of time.

Battery for use

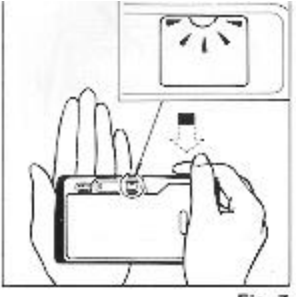
Lithium battery (3V) (Panasonic CR-123A, Duracell DL-123A) or 2 Alkaline penlight batteries or 2 Manganese penlight batteries (Nickel Cadmium can not be used.)

OPENING THE LENS SHIELD

 <p>Fig. 6</p>	<ol style="list-style-type: none">1. Slide the Lens Shield in the direction of arrow to open. (Fig. 6) <ul style="list-style-type: none">* You can only take pictures when the Lens Shield is completely open.* To avoid tripping the shutter inadvertently and wasting battery power, always keep the Lens Shield closed when you are not taking pictures.
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* Opening the Lens Shield while pressing the shutter release will release the shutter.

CHECKING THE BATTERY

 <p>Fig. 7</p>	<ol style="list-style-type: none">1. Cover the Photocell with your hand and press the Shutter Release Button down halfway.2. If the Low Light Warning LED lights, then the battery power is sufficient. (Fig. 7)3. If the Low Light Warning LED does not light, the battery is insufficient or the battery is not inserted correctly into the Battery Compartment. Replace the battery, or re-insert the battery according to the polarity diagram inside the Battery Compartment.
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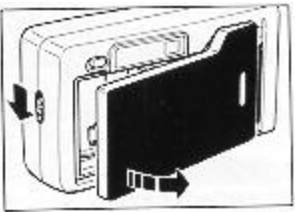
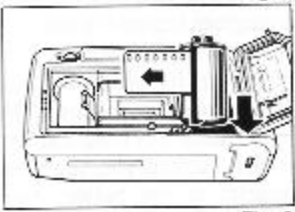
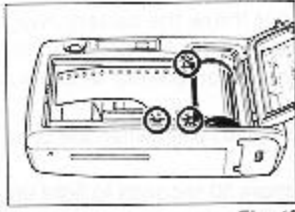
* Generally, in cold conditions, the capacity of the battery decreases, and in some cases, the camera may not operate correctly. You should either warm the battery or keep a spare in your pocket, inserting them just before you use the camera. Incidentally, if the capacity of the battery has decreased in cold temperatures, it will regain full capacity in normal temperatures, so do not throw the battery away.


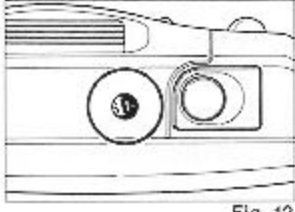

* If the battery voltage is insufficient, the shutter may not release or the film may not advance completely. In the following cases, replace the battery.

a. The shutter cannot be released (apart from when the Lens Shield is closed).

b. The Flash Ready Lamp takes more 30 seconds to light up. c. The Film Advance or Film Rewind does not operate.

LOADING THE FILM

	<p>Always avoid direct sunlight when loading the film.</p>
	<p>1. Push the Back Cover Latch downward to open. (Fig. 8)</p>
	<p>2. Load the film cassette into the Film Chamber and pull out enough film leader to extend over the mark of the film leader position. (Fig. 9)</p>
	<p>3. Make sure the film is within the Film Guides (Fig. 10) and is not slack. (Fig. 11)</p>

	<p>4. Press the Back Cover shut so that the Back Cover Latch returns to its original position. The film is automatically advanced until number "1" appears in the Film Counter Window. (Fig. 12)</p>
	<p>5. If number 1 does not appear in the Film Counter Window, the film has not advanced correctly. The motor does not stop. Reload the film by following steps 1-4 shown above.</p>
	<p>* Whether there is film in your camera or not can be confirmed by the Film Loaded Window. (Fig. 13)</p> <p>* Do not use special-purpose films such as 35mm Instant Reversal Film, etc. because your camera may not be able to transport and expose them properly.</p> <p>* You can load film in your camera with the Lens Shield closed.</p>

SETTING THE FILM SPEED

DX-coded Films are provided with black-and-silver patterns corresponding to film speeds which the camera reads and automatically sets. Check whether the film you're using is DX-coded. (Fig. 14)

DX-coded Film with ISO 100-400: Setting the film speed is not necessary. Your camera automatically makes the correct film speed setting.

Film without DX-code: Your camera will automatically set itself to ISO 100.

* When using a film with ISO 1000, manually set the film speed to ISO 1000.

* It's recommended that you use the negative film. If you use the reversal film in very bright light, the photograph may be over exposed.

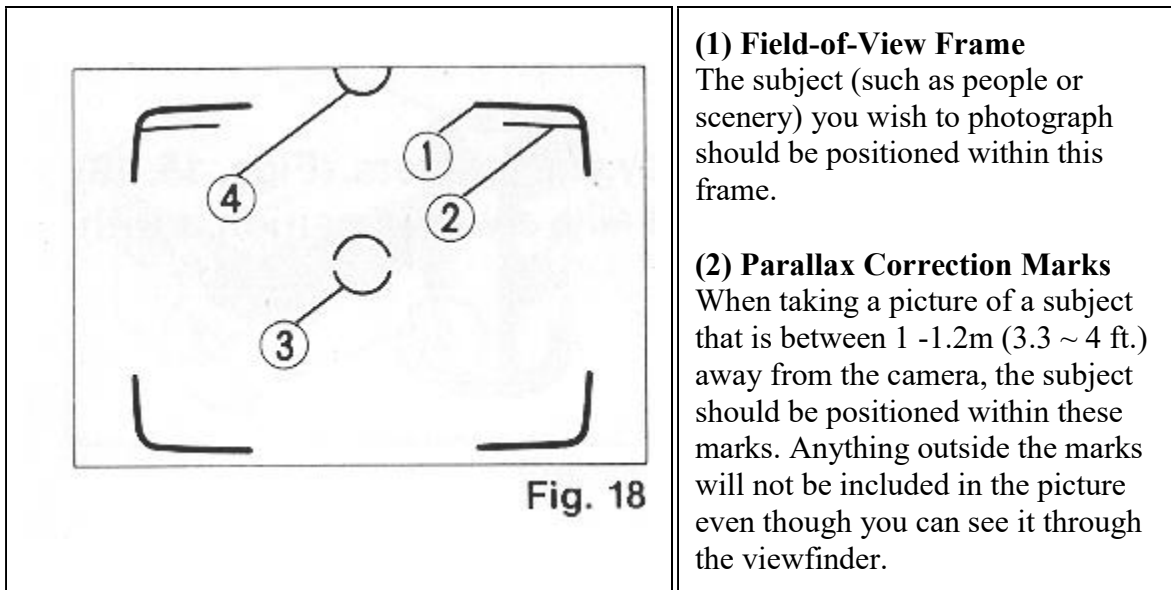
HOLDING YOUR CAMERA

1. Always use both hands to steady your camera. (Figs. 15,16)

* 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. (Fig. 17)

VIEWFINDER (Fig. 18)



(1) Field-of-View Frame

The subject (such as people or scenery) you wish to photograph should be positioned within this frame.

(2) Parallax Correction Marks

When taking a picture of a subject that is between 1 -1.2m (3.3 ~ 4 ft.) away from the camera, the subject should be positioned within these marks. Anything outside the marks will not be included in the picture even though you can see it through the viewfinder.

(3) Auto-Focus Frame

The Auto-Focus system focuses automatically on any subject that appears within this small frame.

(4) Low Light Warning LED

If the Low Light Warning LED lights when you press the Shutter Release Button halfway, the flash is required due to insufficient light. Turn on the Flash Unit by sliding the Flash Switch.

AUTO-FOCUS SHOOTING



Fig. 19

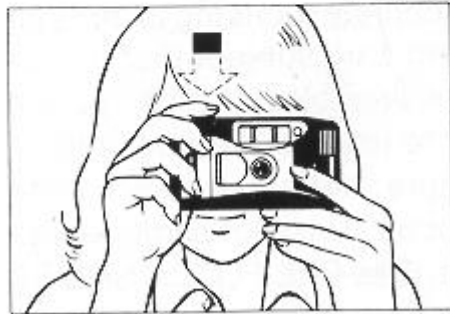


Fig. 20

1. Position the subject you wish to take within the Auto-Focus Frame in the center of the Viewfinder. (Fig. 19)

2. When you press the Shutter Release Button halfway, the subject is focused. (Fig. 20)

3. Gently press the Shutter Release Button to take the picture. The film will advance automatically as soon as the shutter has been released.

* Avoid pressing the Shutter Release Button too abruptly to minimize camera shake or possible mix-operation.

* Do not accidentally cover the Distance Measuring Windows at the front of your camera, as this will cause incorrect focusing.

* Keep the Distance Measuring Windows clean to ensure accurate focusing. If the windows get dirty, they should be wiped clean with a soft cloth.

* There may be rare cases when accurate focusing is difficult or impossible. (For instance, with dark subject that do not reflect light well, glossy subjects, or subjects taken through glass.) In these cases, it is best to use the Pre-Focus technique to "lock" the focus on a more "normal" subject at the same distance. While holding focus, turn your camera back to the original subject and shoot. (See PRE-FOCUS SHOOTING for more details.)

PRE FOCUS SHOOTING

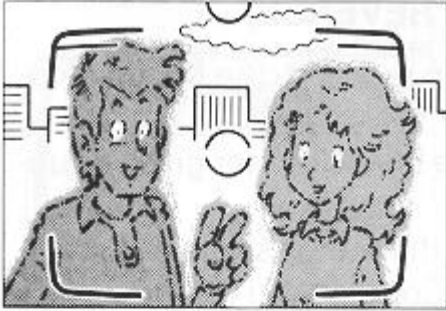


Fig. 21

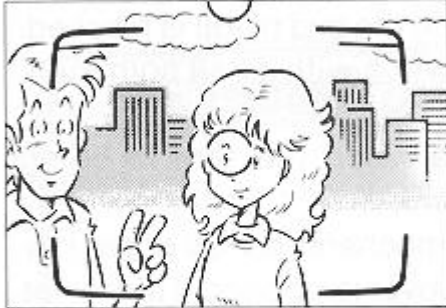


Fig. 22

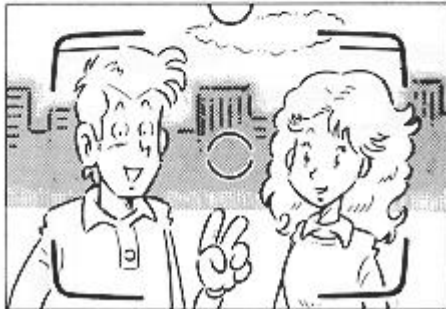


Fig. 23

When the subject you wish to focus on is not located within the Auto-Focus Frame, you should use Pre-Focus Shooting.

1. If you want to photograph two or more people, there may be cases where none of your main subjects can be within the Auto-Focus Frame in the center of the viewfinder. If you release the shutter then, only the background will be in focus, and the people, who are the main subject, will be out-of-focus. (Fig. 21)

2. Move the camera to one side so that one of the people is within the Auto-Focus Frame.

Press the Shutter-Release Button halfway so that the focus locks. Hold your finger in that position on the Shutter Release Button. (Fig. 22)

3. Now return the camera to its original position so that your main subjects are in the Field-of-View Frame again, and press the Shutter Release Button fully to take the picture. (Fig. 23)

REWINDING THE FILM (AUTO REVERSE)

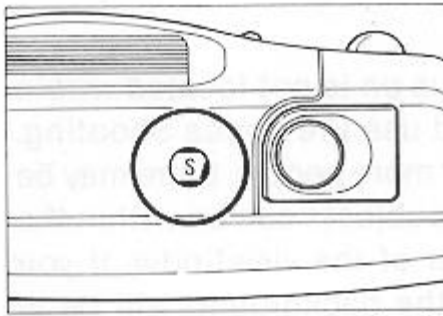


Fig. 24

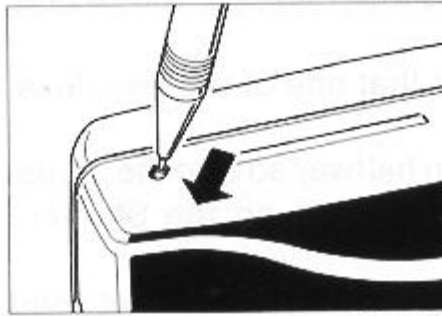


Fig. 25

1. After the end of the film has been reached, the film is automatically rewound.
 2. As the film is being rewound, the Film Counter gives a subtractive reading.
 3. When the film is fully rewound, the motor stops automatically and "S" is seen in the Film Counter. You can now open the Back Cover to unload the film. (Fig. 24)
- * If you wish to rewind the film before the end of roll is reached, slide the Manual Film Rewind Switch with a ball point pen, etc. (Fig. 25)
 - * You can close the Lens Shield when the film is being rewound.
 - * When removing film, the rewind mechanism may occasionally operate briefly as the Back Cover is opened. This is not abnormal.

FLASH PHOTOGRAPHY

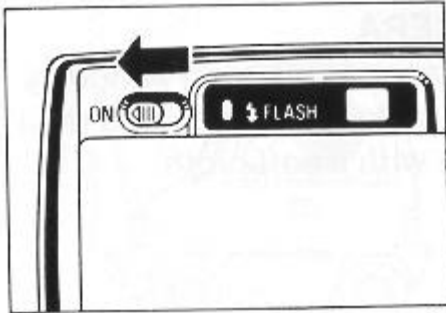


Fig. 26

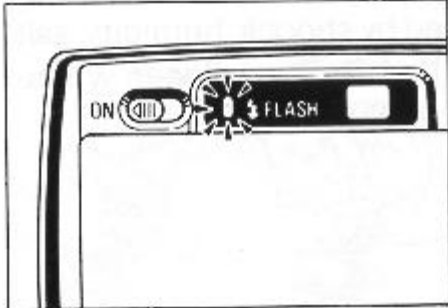


Fig. 27

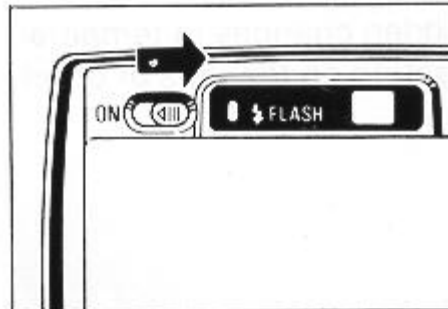


Fig. 28

Activate the built-in flash when the Low Light Warning LED in the viewfinder lights up as the Shutter Release Button is pressed halfway.

1. Slide the Flash Power Switch in the direction of arrow to turn the Flash Unit on. (Fig. 26)
2. Check that the Flash Ready Lamp is lit, then take the picture. (Fig. 27)
3. When you have completed your Flash Photographs, be sure to turn the Flash Switch off. (Fig. 28)

* Shooting Range (Flash Distance): 1m - about 3.6m (3.3 -11.8 ft.)

* Do not press the Shutter Release Button before the Flash Ready Lamp lights up. If the shutter is released before the lamp is lit, the photograph may be under exposed.

* Be care that the shutter can be released even if the Flash Ready Lamp is not lit.

* Do not put your finger in front of the flash window.

MAJOR SPECIFICATIONS

Type: 35 mm lens shutter type with automatic focusing.

Lens: 35 mm f3.9 Ricoh lens, 3 elements, 3 groups.

Focusing: Automatic focusing with Refocusing facility. Distance measuring (shooting) range: 1 m (3.3 ft)--∞.

Shutter: Mechanical shutter, 1/125 sec.

Viewfinder: Reverse Galilean viewfinder. Magnification 0.53X. Filed of view 84%.

Low light warning: With CdS photocell.

Film speed: ISO 100--400 (auto set) & 1000 (manual set).

Film loading: Ricoh auto-load system.

Film advance: Electric motor with film transport monitor.

Film rewind: Automatic rewind at end of roll.

Exposure counter: Additive, automatic resets to "S" when the camera back is opened.

Built-in flash: Electronic flash.

Flash recycling time: About 6 sec.

Flash shooting range: 1 m (3.3 ft)--about 3.6 m (11.8 ft).

Dimensions: 132 mm/5.2 in. (W)x68 mm/2.7 in. (H)x50 mm/2.0 in. (D).

Weight: 230 g (8 1/16 oz.) (without battery).

*Specifications are subject to change without notice.