

Ricoh AF-100

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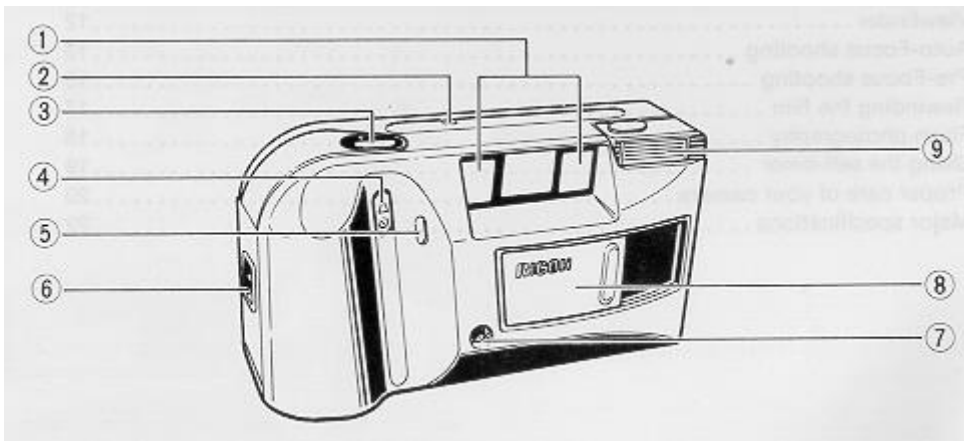
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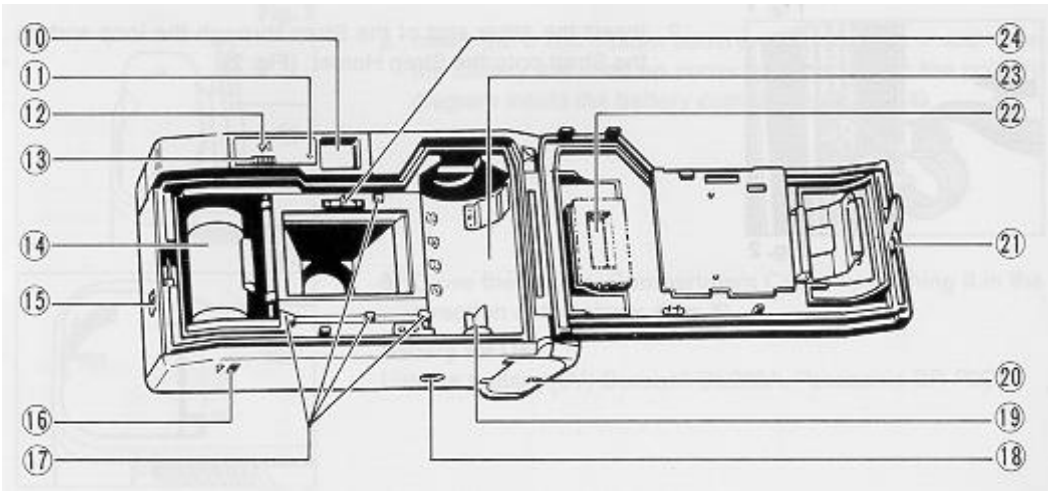
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NOMENCLATURE



(1) Distance Measuring Window
(2) Film Counter
(3) Shutter Release Button

(4) Self-Timer Switch
(5) Self-Timer LED
(6) Strap Eyelet
(7) Photocell



- (8) Lens Shield
- (9) Flash Unit
- (10) Viewfinder Eyepiece
- (11) Auto-Focus Monitor/Too Close Warning
- (12) Film Advance/Rewind Monitor
- (13) Flash Ready Lamp
- (14) Film Take-up Spool
- (15) Back Cover Lever
- (16) Manual Film Rewind Switch

- (17) Film Guides
- (18) Tripod Socket
- (19) Film Rewind Shaft
- (20) Battery Compartment Cover
- (21) Back Cover
- (22) Film Loaded Window
- (23) Film Chamber
- (24) Sprocket

USING THE STRAP

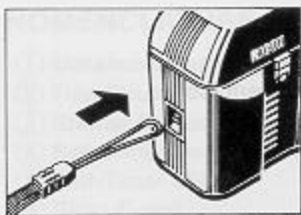


Fig. 1

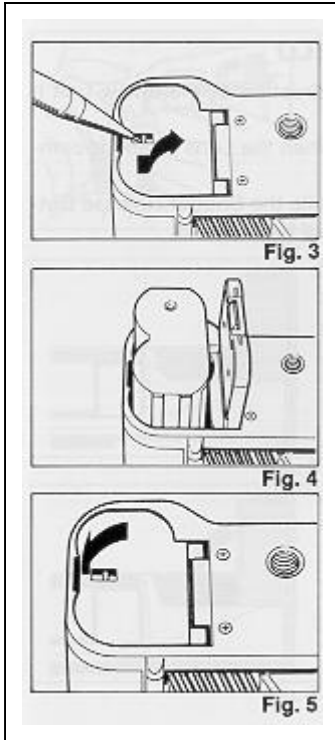


Fig. 2

Attaching the strap

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

INSERTING THE BATTERY



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

1. Open the Battery Compartment by pushing its latch with a pencil or pen point in the direction of the arrow. (Fig. 3)

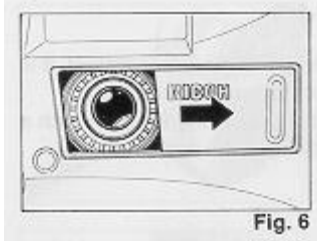
2. Insert the 6 volt lithium battery, checking that + and - on the battery are lined up correctly according to the polarity diagram inside the battery compartment. (Fig. 4)

3. Close the Battery Compartment Cover by pushing it in the direction of the arrow. (Fig. 5)

Battery for Use

Lithium battery (6V) Duracell DL223A, Panasonic BR-P2DP

OPENING THE LENS SHIELD

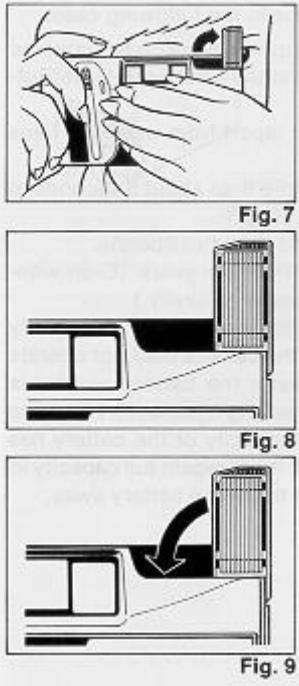


1. Slide the Lens Shield in the direction of the arrow until it clicks into place. (Fig. 6)

* You can only fire the camera when the Lens Shield is completely open.

* If the Lens Shield is opened while the Shutter Release Button is pressed down, a frame will be exposed.

CHECKING THE BATTERY

 <p>Fig. 7</p> <p>Fig. 8</p> <p>Fig. 9</p>	<ol style="list-style-type: none">1. Cover the Photocell with your hand and press the shutter Release Button in halfway. (Fig. 7)2. If the Flash Unit pops up, then the battery is in working order. (Fig. 8)3. Push the Flash Unit back down. (Fig. 9) <p>* Please change battery to new one in the following cases:</p>
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- a. The Flash Unit does not pop up when you have covered the Photocell with your hand and the Shutter Release Button is pressed in halfway.
- b. The shutter cannot be released (apart from when the Lens Shield is closed).
- c. The Flash Ready Lamp takes more than about 5 seconds to light up.
- d. The film advance or Film Rewind does not operate.
- e. The battery has been for more than five years. (Even without using the battery will lose power naturally.)

* 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 battery in your pocket, inserting it 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.

SETTING THE FILM SPEED

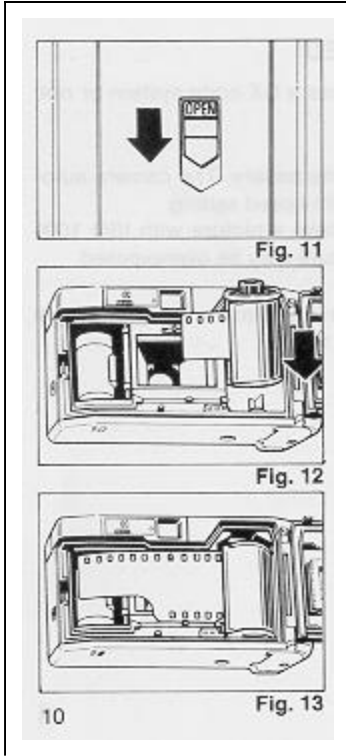
Please check whether the film has a DX code system or not.

1. Setting the film speed is not necessary. The camera automatically makes the correct film speed setting.

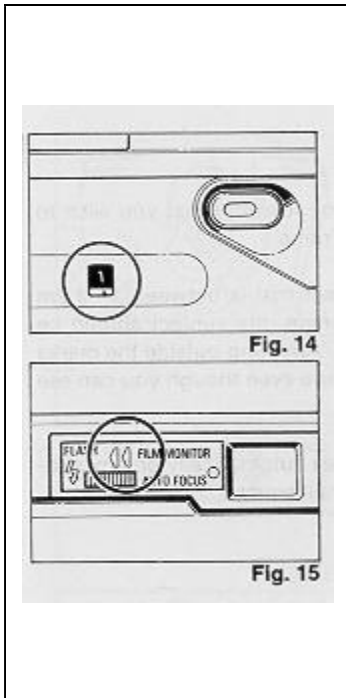
* Please be careful when you take a picture with ISO 1000 film in bright sunlight, the picture may be overexposed.

1. If any non-Ding film is loaded in the camera, the camera will automatically set itself to ISO 100.

LOADING THE FILM

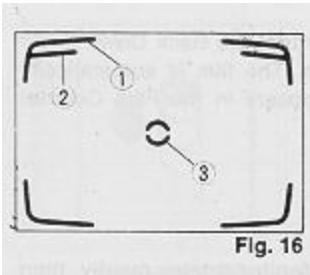


1. Push the Back Cover Lever downwards in the direction of the arrow to open. (Fig. 11)
2. Load the film into the Film Chamber and pull out the film leader to extend over the symbol of the film leader position. (Fig. 12)
3. Please make sure that the film is within the Film Guides. (Fig. 13)



4. Press the Back Cover shut so that the Back Cover Lever returns to its original position. The film is automatically advanced until number-1" appears in the Film Counter Window. (Fig. 14)
 5. If the Film Advance/Rewind Monitor rotates rapidly, then the film is advancing correctly. If the monitor does not rotate, the film has not advanced correctly, so please reload the film. (Fig. 15)
- * Always avoid direct sunlight when loading the film.
 - * The Film Loaded Window is to confirm whether film is loaded or not.

VIEWFINDER (Fig. 16)



1. Field of View Frame The subject (such as people or scenery) that you wish to take should be set within this frame.

2. Parallax Correction Marks

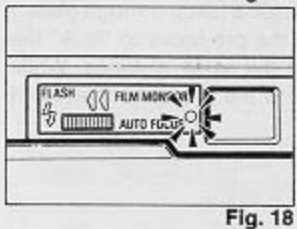
When taking a picture of subject that is between 1 - 1.2m (3.3 - 4 ft.) away from the camera, the subject should be positioned within these marks. Anything outside the marks will not be included in the picture even though you can see it through the viewfinder.

3. Auto-Focus Frame

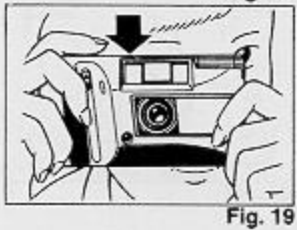
The Auto-Focus system focuses automatically on any subject that appears within this small square.

AUTO-FOCUS SHOOTING

1. Set the subject you wish to take within the Auto-Focus Frame in the center of the viewfinder. (Fig. 17)



2. When you press the Shutter Release Button halfway, the Auto-Focus Monitor will light up to indicate the subject is focused. If the Auto-Focus Monitor blinks, you should move back a little as the camera is too close to the subject. (Fig. 18) . _



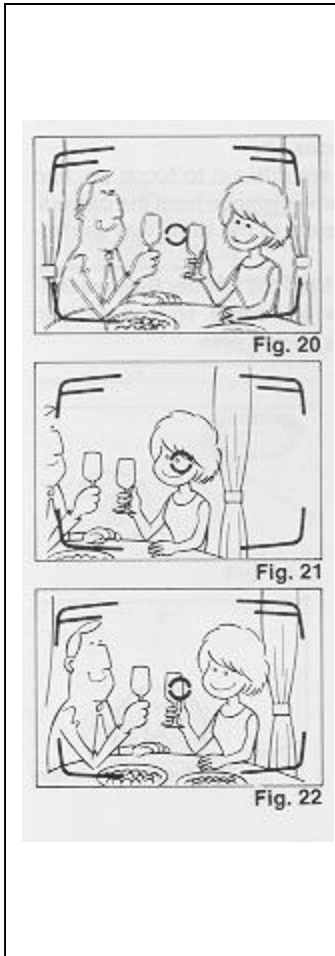
3. If the Auto-Focus Monitor glows steadily, gently press the Shutter Release Button down to take the picture. The film will advance automatically as soon as the shutter has been released Fig. 19) .

* Please be careful not to cover the Distance Measuring Window at the front of the camera accidentally, as this will cause incorrect focusing.

* Please keep the Distance Measuring Window clean so that focusing is accurate. If it gets dirty, it should be wiped clean with a soft cloth.

* There may be rare cases where the subject cannot be well focused. (For instance, dark subjects that do not reflect the light well, glossy subjects, or subjects taken through glass.) In these cases it is best to use the pre-focus to "look" the focus on a "normal" subject at the same distance. While holding focus, turn the camera to the original subject and shoot.

PRE-FOCUS SHOOTING



When the main subject you wish to focus on is outside the Auto-Focus Frame, or if the subject is difficult to focus on, then you should use pre-focus shooting.

When the main subject is outside the Auto-Focus Frame

1. If you want to photograph two people, there may be cases where neither of them can be set 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. 20)

2. Move the camera so that one of the people is within the Auto-Focus Frame. Press the Shutter Release Button halfway so that the Auto-Focus Monitor lights up. Hold your finger in that position on the Shutter Release Button. (Fig. 21)

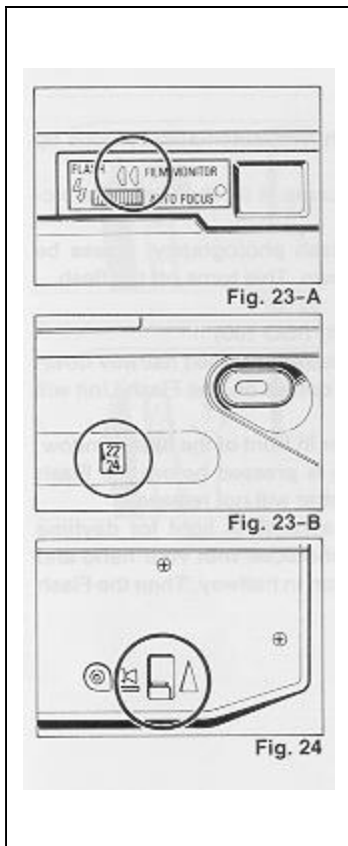
3. Now return the camera to its former position while holding release button halfway down so that both people are in the Field View Frame again, and press the Shutter Release Button fully to take the picture. (Fig. 22)

When the subject is difficult to focus on

1. When you take subjects that are difficult to focus on, find another subject at about the same distance from the camera. You can pre-focus on that subject in the same way as described previously.

* When you remove your finger from the Shutter Release Button, the pre-focused condition is cleared, so that you can pre-focus again as many times as you wish.

REWINDING THE FILM



(Auto Reverse)

After the end of the film has been reached, the film is automatically rewound.

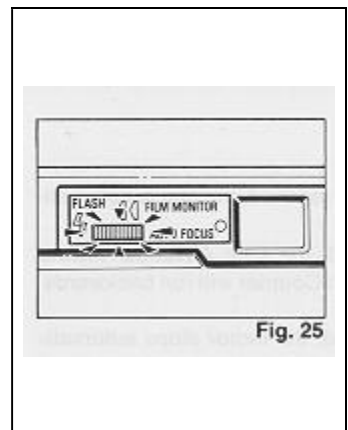
* As the film is being rewound, the Film Advance/Rewind Monitor will rotate and the Film Counter will run backwards. (Figs. 23-A, 23-B)

* 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.

* If you wish to rewind the film before the end of roll is reached, slide the Manual Film Rewind Switch in the direction of arrow with a ball point pen, etc. (Fig. 24)

* You can close the Lens Shield when the film is being rewound.

FLASH PHOTOGRAPHY



When flash is required, the Flash Unit automatically pops up into vertical position.

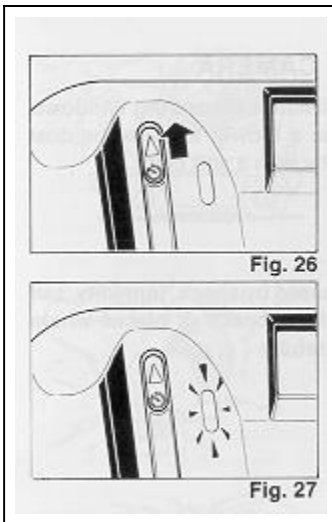
1. Check that the Flash Ready Lamp is lit, then take the picture. (Fig. 25)
2. When you have completed flash photography, please be sure to push the Flash Unit down. This turns off the flash.

Flash Photography Distance

Shooting Range: 1 -4m (3.3-9.8ft.) (ISO 100)

- * If the Shutter Release Button is kept pressed halfway down before the Flash Ready Lamp comes on, the Flash Unit will not be charged.
- * Be careful not to put your finger in front of the flash window.
- * If the Shutter Release Button is pressed before the Flash Ready Lamp lights up, the shutter will not release.
- * You can use the Flash Unit as a fill-in light for daytime photography too. Cover the photocell with your hand and press the Shutter Release Button in halfway. Then the Flash Unit pops up.

USING THE SELF-TIMER



1. Slide the Self-Timer Switch fully in the direction of the arrow. (Fig. 26)

The Self-Timer LED on the camera blinks on and off. (Fig. 27)

Then, after about 8 seconds have elapsed, the LED will light steadily to indicate that the shutter will release soon.

The shutter will be released about 10 seconds later since the self-timer has started.

- * If you wish to clear the self-timer once it has started, close the Lens Shield.
- * When using the self-timer with flash photography, put the Self-Timer Switch on after the Flash Ready Lamp is lit. (When the surrounding light is not sufficient, the Flash Unit pops up immediately after the Self-Timer Switch is activated.)
- * When using the self-timer with pre-focus shooting, measure the distance by pressing the Shutter Release Button halfway. Without removing your finger from the Shutter Release Button, slide the Self-Timer Switch on, and self-timer will operate. Pre-focus will be held automatically until the picture is taken.

PROPER CARE OF YOUR CAMERA

- * If there is dirt on the lens or Distance Measuring Windows, do not touch with fingers. Use a blower to blow the dust away, or wipe the surface gently with a soft cloth.
- * Camera malfunction can be caused by shock, humidity, salt etc. After using the camera at the beach or places where there are chemicals, wipe it carefully.
- * Take care not to expose the camera to sudden changes in temperature, as they may cause condensation on the lens, or other malfunctions.

* Do not expose the camera for a long period of time in extremely high temperatures, such as in your car or on the beach, as this may ruin your film, or cause other malfunctions. (Fig. 31)

* When using a tripod, do not try to force a long screw into the socket. The screw length should be less than 5.7 mm (1/4"). (Fig. 32)

* Do not place the camera near equipment that has strong magnetic fields such as a television or radio. (Fig. 33)

MAJOR SPECIFICATIONS

Type: 35 mm lens shutter type with automatic focusing Lens 35 mm F3.5 Rikenon lens, 4 elements, 3 groups

Focusing: Automatic focusing with pre-focus facility: distance measuring (shooting) range 1 m - 00 distance less than 1 m (3.3ft.): out of focus warning LED blinks

Shutter: Programmed AE type electronic shutter, 1/30--1/500 sec.

Self-Timer: Built-in electronic type. Operating delay of approx. 10 sec.

Viewfinder: Albada type bright-frame viewfinder, Magnification 0.47x, field of view 84%

Viewfinder Information: Field of View Frame, Parallax Correction Mark, Auto Focus Frame

Exposure Adjustment: With Cds photocell, Exposure Coupling Range EV8.6--EV17 (ISO 1 00)

Film Speed Range: ISO 100--1000. Compatible with the DX-code system.

Film Advance/Rewind: Electric motor with Film transport Monitor. Automatic 1st frame setting. Automatic film rewind at the end of film

Film Loading: RICOH Auto-Load system

Exposure Counter: Additive

Built-In Flash: Automatic pop-up electronic flash in dim light

Guide Number: 10 (ISO 100, m) Exposure adjustment through flashmatic system

Interval Between Flashes: About 3 seconds

Number of shots possible: If half of pictures are taken with flash, the battery will expose about 1,000 frames, and if 8 rolls of 24-exposure film a year are used, the battery should not need changing for about five years.

Power Source: 1 Lithium battery DL223A, BR-P2DP (6 volts) or equivalent

Other Features: Flash Ready Light. Film Loaded Window, AF Monitoring Lamp

Dimensions: 123 (W) X66 (H) X 46 (D) mm(4.8" X 2.6" X 1.8")

Weight: 250g (without battery)

Specifications and appearance are subject to change without notice.