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RICOH 35EFS



RICOH

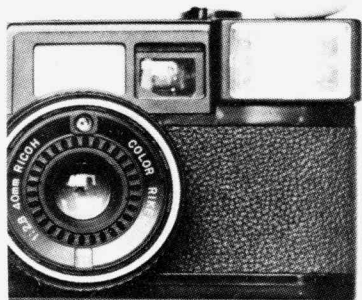


Fig21,

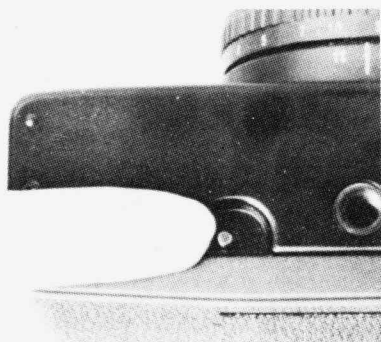


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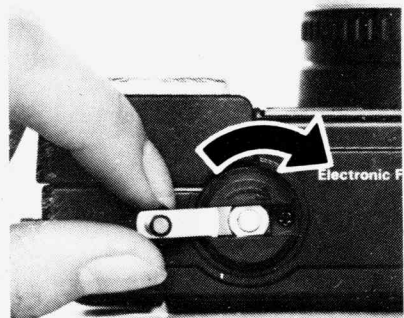


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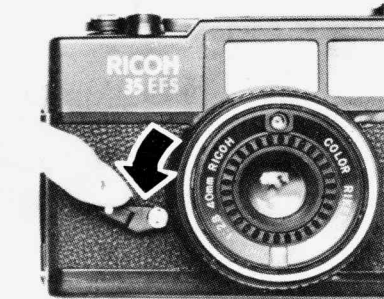


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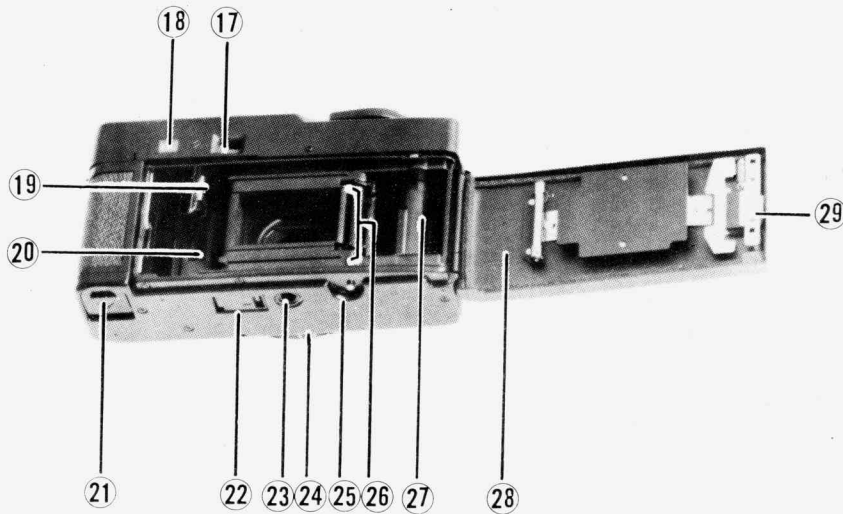
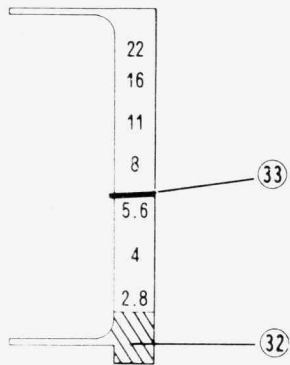
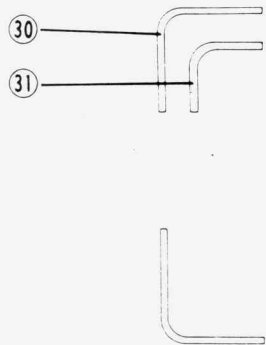
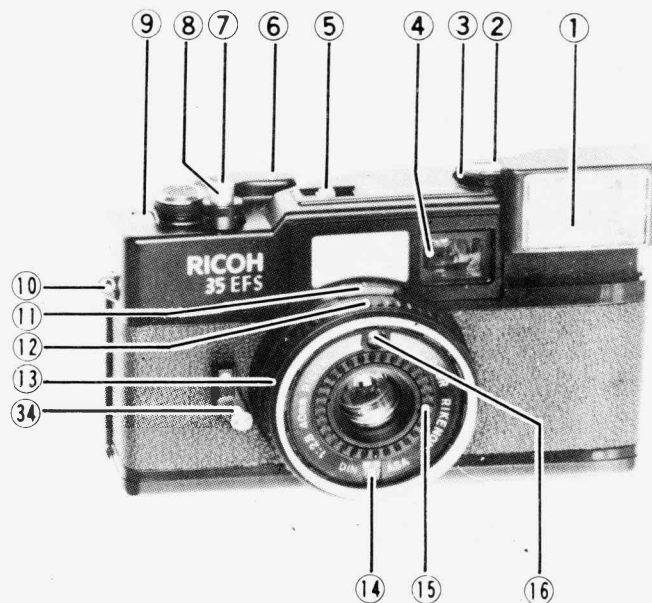




Fig15,



Fig16,

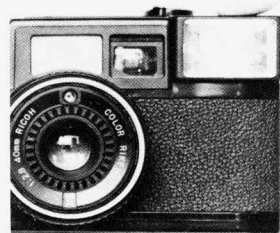


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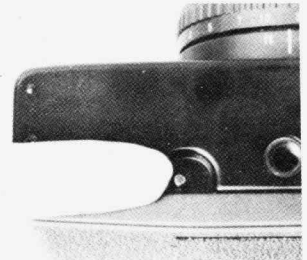


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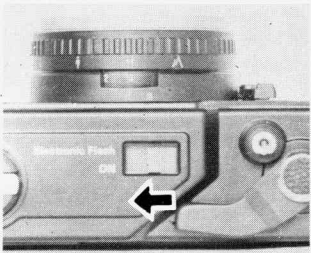


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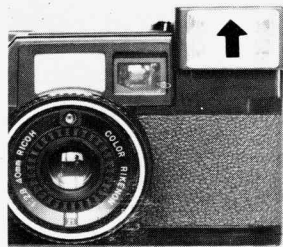


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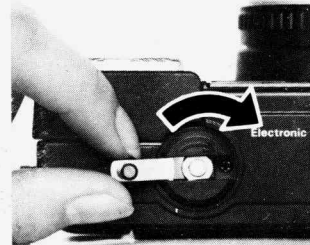


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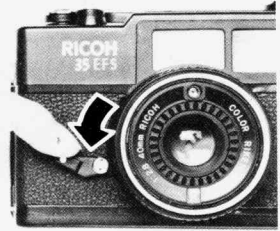


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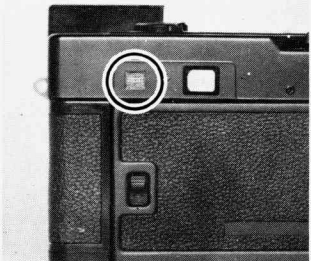
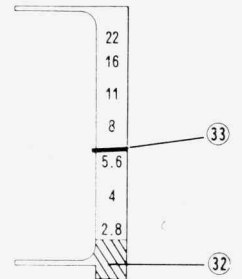
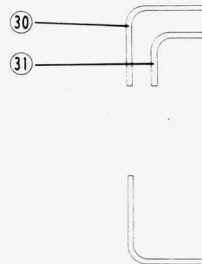


Fig19,



Fig20,



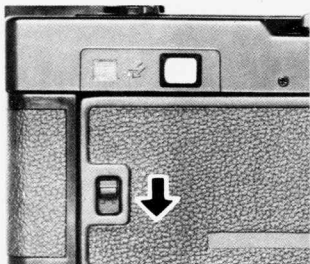


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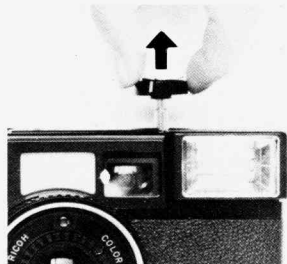


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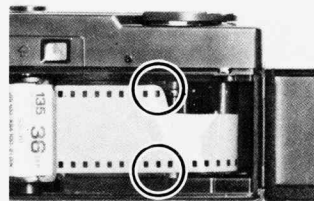


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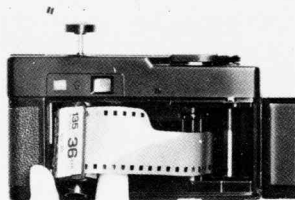


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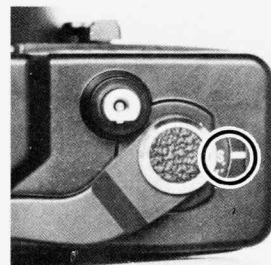


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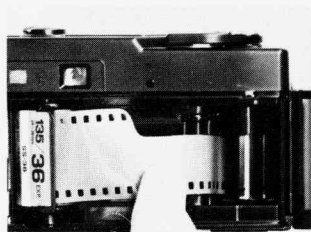


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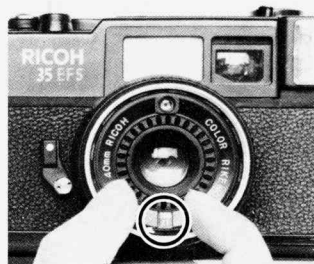


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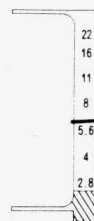


Fig14,



Fig15,



Fig16,

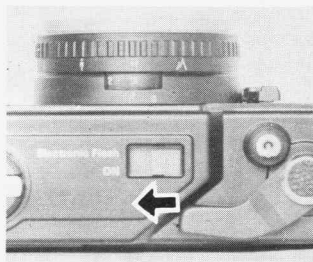


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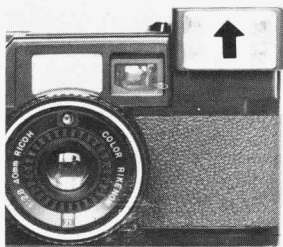


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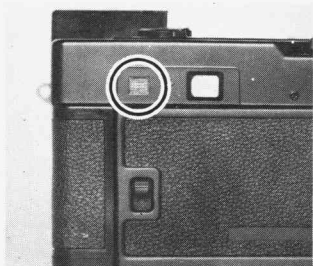
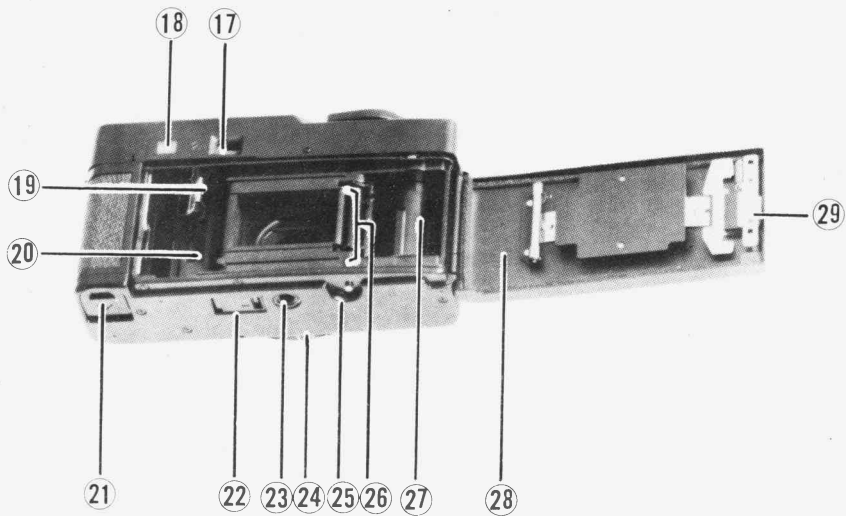
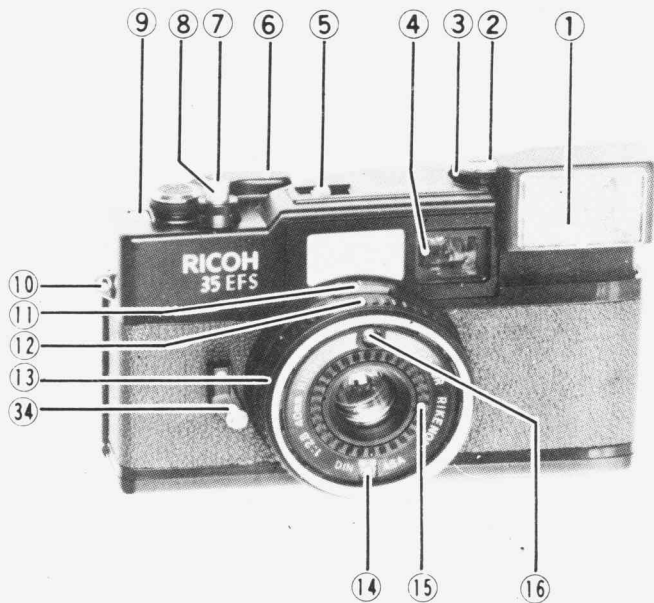


Fig19,



Fig20,



DESCRIPTION OF PARTS

1. Flash Window
2. Film Rewind Crank
3. Film Rewind Knob
4. Viewfinder
5. Flash Switch
6. Film Advance Lever
7. Cable Release Socket
8. Shutter Release Button
9. Film Counter
10. Strap Eyelet
11. Distance Index Line
12. Zone Focusing Mark/Distance Scale (in meters)~
13. Focusing Ring
14. Film Speed Window
15. Film Speed Selector Ring
16. Electric Eye
17. Viewfinder Eyepiece
18. Neon Ready Lamp
19. Film Rewind Shaft
20. Film Chamber
21. Battery Compartment Lid (for Flash)
22. Battery Compartment Lid
23. Tripod Socket
24. Distance Scale (in feet)
25. Film Rewind Release Button
26. Sprocket
27. Film Take-up Spool
28. Back Cover
29. Back Cover Lock Release Button
30. Bright Frame
31. Parallax Correction Mark
32. Exposure Warning Zone
33. Exposure Meter Needle
34. Self-timer Lever

BATTERY LOADING FOR LIGHT METER

1. Pull Battery Compartment Lid (22) open by sliding it in the direction of the arrow. (Fig. 1.)
 2. Insert one battery as shown in the polarity diagram on the inside of the Battery Compartment Lid (22) (Fig. 2.)
 3. After inserting the battery close the lid (22).
- ★ Use one 1.35 V mercury battery H-C, PX 675, EPX 675 or equivalent.

Tips for Better Results

Faulty insertion of the battery will result in an incorrect exposure.

- ★ Only mercury batteries may be used. Silver batteries etc. will not give a correct exposure.
- ★ Before inserting the mercury battery, wipe it well with a clean dry cloth.
- ★ The mercury battery lasts for approximately one year, so please be sure to exchange it then. A good idea would be to change it on your birthday as a reminder. It is dangerous to throw the battery into the fire or try to take it apart.
- ★ Always remove the battery if you do not use the camera for a long period of time.
- ★ If it is hard to remove the battery from the compartment, push it gently with your finger as shown in the chart (Fig. 3)

Batteries for use:

JIS H-C 1.35 V, Mallory PX 675, Eveready EPX 675 or equivalent.

BATTERY LOADING FOR FLASH LIGHT

1. Pull Battery Compartment Lid (21) open by sliding it in the direction of the arrow (Fig. 4.)
2. Insert the battery as shown in the polarity diagram on the inside of the Battery Compartment Lid (21) (Fig. 5.)

BATTERY LOADING FOR LIGHT METER

1. Pull Battery Compartment Lid (22) open by sliding it in the direction of the arrow. (Fig. 1.)
2. Insert one battery as shown in the polarity diagram on the inside of the Battery Compartment Lid (22) (Fig. 2.)
3. After inserting the battery close the lid (22).
 - ★ Use one 1.35 V mercury battery H-C, PX 675, EPX 675 or equivalent.

Tips for Better Results

Faulty insertion of the battery will result in an incorrect exposure.

- ★ Only mercury batteries may be used. Silver batteries etc. will not give a correct exposure.
- ★ Before inserting the mercury battery, wipe it well with a clean dry cloth.
- ★ The mercury battery lasts for approximately one year, so please be sure to exchange it then. A good idea would be to change it on your birthday as a reminder. It is dangerous to throw the battery into the fire or try to take it apart.
- ★ Always remove the battery if you do not use the camera for a long period of time.
- ★ If it is hard to remove the battery from the compartment, push it gently with your finger as shown in the chart (Fig. 3)

Batteries for use:

JIS H-C 1.35 V, Mallory PX 675, Eveready EPX 675 or equivalent.

BATTERY LOADING FOR FLASH LIGHT

1. Pull Battery Compartment Lid (21) open by sliding it in the direction of the arrow (Fig. 4.)
2. Insert the battery as shown in the polarity diagram on the inside of the Battery Compartment Lid (21) (Fig. 5.)

3. After inserting the battery, close the Battery Compartment Lid (21).

Tips for Better Results

- ★ The flash will not function unless the battery is inserted correctly.
- ★ One penlight (A.A. size), (Nickel-Cadmium battery 1.2 V, Alkali Manganese battery 1.5 V or Manganese dry battery 1.5 V) may be used.
We recommend Alkali Manganese batteries as they recharge in a short time and give more flashes.

FILM LOADING

The film should be loaded in the shade. Avoid direct sunlight.

1. Push Back Cover Lock Release Button (29) down until Back Cover snaps open (Fig. 6)
2. Lift up Film Rewind Crank (2) and pull it upwards (Fig. 7).
3. Insert Film cartridge into Film Chamber (20) (Fig. 8).
4. Push Film Rewind Knob (3) back to its original position.
5. Insert film leader into slit of Film Take-up Spool (27) (Fig. 9).
6. Advance Film Advance Lever (6), checking that the film perforations have engaged on both sets of upper and lower teeth of the Sprocket (26), then close Back Cover (Fig. 10). If the film is slack, be sure to take the film slack up by Advancing Film Advance Lever before you close Back Cover (28).
7. Lift Film Rewind Crank (2) up and wind it gently in the direction of the arrow to take up the film slack, then put it back into position (Fig. 11).
8. Release shutter and wind the film until Film Counter (9) indicates "1". If Film Rewind Knob (3) rotates when you wind the film, the film is advancing properly. (Fig. 12)

SETTING THE FILM SPEED

The film speed is written as ASA or DIN on the film carton.

1. Turn Film Speed Selector Ring (15) so that the speed of the film you are using appears in the Film Speed Window (14) (Fig. 13).

Tips for Better Results

- ★ You will not obtain the correct exposure unless your film speed is indicated correctly.
- ★ The Film Speed Selector Ring must be set in click stop positions. Setting it at midway positions will result in incorrect exposure.
- ★ For film speeds other than those indicated in the Film Speed Window, please consult the chart below.

AS-	25	50	100	200	400
DIN	15	18	21	24	27
ASA	20 25 32	40 50 64	80 100 125	160 200 250	320 400 500
DIN	14 15 16	17 18 19	20 21 22	23 24 25	26 27 28

FOCUSING

1. Compose your picture, keeping the subject within the Bright Frame (30) outline (Fig. 14).
2. Rotate Focusing Ring (13) and set the correct Zone Focus Mark/Distance Scale (12) against the Distance Gauge according to the distance of the subject (Fig. 15).

Tips for Better Results

- ★ When taking a close-up shot (within one meter or 3.3 feet), keep the subject within the Parallax Correction Mark (31).
- ★ The Distance Scale may be set at midway positions between the numbers marked.

AUTOMATIC EXPOSURE SHOTS

The shutter speed is set at 1/125 sec. The exposure is automatically controlled according to the film speed and brightness of the subject.

1. When the Exposure Meter Needle (33) in the viewfinder is between F-stops 2.8 and 22, the film is correctly exposed. Just press the Shutter Release button (8) gently.
2. If the Exposure Meter Needle (33) is in the lower Exposure Warning Zone (32), the film is under-exposed and flash should be used (Fig. 16).
3. If the Exposure Meter Needle (33) is above F-stop 22, the film is over-exposed and you cannot obtain a good picture. A filter such as the ND filter should be used.

FLASH PHOTOGRAPHY

When the Exposure Meter Needle (33) is in the Exposure Warning Zone (32) in the viewfinder, there is insufficient light and you should use the built-in flash (Fig. 16).

1. When you push the Flash Switch (5) to "ON", the Flash Window (1) pops up automatically (Fig. 17 and 18).
2. When Neon Ready Lamp (18) on the left side of the Viewfinder Eyepiece (17) lights up, the Flash is ready for use (Fig. 19).
3. Estimate the camera to subject distance by eye, and turn Focusing Ring (13) to adjust Zone Focusing Mark/Distance Scale (12) with Distance Index Line, then press Shutter Release Button (8) gently. (Fig. 20)
4. After using the Flash, push Flash Window (1) down to its former position. This will turn the switch off automatically (Fig. 21).

Tips for Better Results

- ★ In the case of flash photography, the exposure is set automatically by adjusting the distance.
- ★ The possible distance between camera and subject for flash photography varies according to the film speed.

When using ASA 100 (DIN21) film, the possible flash coverage is from 0.9 to 4.2 meters.

- ★ You can use the flash for supplementary lighting in outdoor photography. When shooting portraits against the light, by a window, in the shade of a tree etc., they will be under-exposed. Better results can be obtained by using the flash on such occasions.
- ★ Do not turn the flash on or off while pressing the Shutter Release Button (8). You will not get a correct exposure.
- ★ Make sure the camera strap or your fingers are not in front of the Flash Window (1) when using the flash.
- ★ When you have finished using the flash, always push the Flash Window (1) back into the Off position to avoid wasting the battery.
- ★ If Neon Ready Lamp takes more than 30 seconds to light up after turning the Flash Switch (5) on, replace the battery.
- ★ If you insert the battery incorrectly, the flash will not go off.
- ★ When using the flash, make sure the Film Rewind Crank (2) is pushed down into position, otherwise it might be caught up on the Flash Window (1).

UNLOADING THE FILM

When the set number of frames have been taken, rewind the film. Unload your camera in the shade, avoiding direct sunlight.

1. Press Film Rewind Button (25) and the button will lock into the down possible (Fig. 22).
2. Lift up Film Rewind Crank (2) and rotate it in the direction of the arrow (Fig. 23).
3. The film has been completely rewound when the tension on the crank is suddenly released.
4. Push Back Cover Lock Release Button (29) down, open Back Cover, pull Film Rewind Crank (2) up and remove the film cartridge.

Tips for better Results

- ★ If you wind the film beyond the set number of frames the Film Wind Lever sometimes gets stuck midway and the Film Rewind Button cannot be locked in the down position. If this should happen, rewind the film by keeping the Film Rewind Button pressed down with your finger.
- ★ When you advance the Film Advance Lever (6), the Film Rewind Button will automatically go back into position.
- ★ Never open Back Cover (28) half way through rewinding otherwise the film will be exposed to the light.
- ★ Do not press Film Rewind Button (25) while taking shots as this will cause double exposure problems.

USING THE SELF-TIMER

The Self-timer can be used for commemorative occasions etc., when you want to include yourself in the picture.

1. Turn the Self-timer Lever fully in the direction of the arrow (Fig. 24).
2. From the time the Shutter Release Button is pressed, the Self-timer Lever starts moving. There is a time-lapse of approximately 10 seconds before the shutter is released.
- ★ Once the Self-timer has been set, it cannot be cancelled.

PROPER CARE OF YOUR CAMERA

- ★ When using a tripod with a long thread length (more than 5.7 mm), be careful not to forcibly screw in the thread further than the depth of the socket.
- ★ Always keep the lens clean. To clean the lens, gently wipe it with a lens cleaning paper or a soft, clean and lintless cloth.
- ★ Do not wipe the camera body with chemicals, such as benzine, thinner, etc use only soft cloth or cotton swab sprinkled lightly with alcohol on the camera body.
- ★ Never expose your camera to excessively high or low

temperature for an extended period of time. In extremely hot climates, do not leave your camera inside closed automobiles during the daytime or indirect sunlight.

- ★ Protect your camera from dust, dirt, water, rain, dampness, salt air and rough handling.
- ★ When your camera is not used for an extended period of time, remove the batteries and store it in a dry and cool place.
- ★ Do not attempt to disassemble or repair your camera yourself. If service is necessary, get in touch with your dealer or authorized Ricoh service station.

MAJOR SPECIFICATIONS OF RICOH 35 EFS

Lens:

40 mm Color Rikenon f/2.8 lens 3 groups 4 elements

Shutter:

Mechanical shutter, 1/125 sec.

Exposure Meter:

CdS exposure meter, fully automatic control
One 1.35 V mercury battery (JIS H-C, Mallory PX675, Eveready EPX675 or equivalent)
Coupling range EV 10—16 (ASA 100)
Film speed range ASA 25—400 (DIN 15—27)

Viewfinder:

Bright viewfinder with parallax correction mark
F-stop scale, exposure meter needle and underexposure warning zone visible
Magnification 0.5X
Coverage of actual picture area over 85%

Focusing:

By distance scale from 0.9 m (3 ft) to infinity with zone-focus marks

Film Loading:

Multi-slit easy loading

Film Advance:

Single stroke film advance lever

Film Rewind:

Crank Lever

Film Counter:

Additive, automatic resetting

Built-in Flash:

Number of flashes about 100 flashes (with Alkaline battery)

Recycling time: about 10 sec. (with Alkaline battery)

Shooting distance: 0.9 m (3 ft) to 4.2 m (14 ft) (ASA 100)

Ready lamp: beside viewfinder eyepiece

Flash exposure: flashmatic system

Power source: one penlight (AA size) battery 1.5 V or 1.2 V (Nickel Cadmium battery)

Other Feature:

Self-timer

Tripod socket

Dimensions:

129.5 (width) × 75 (height) × 56.5 (depth) mm

Weight:

390 g