

# Ricoh LX-22

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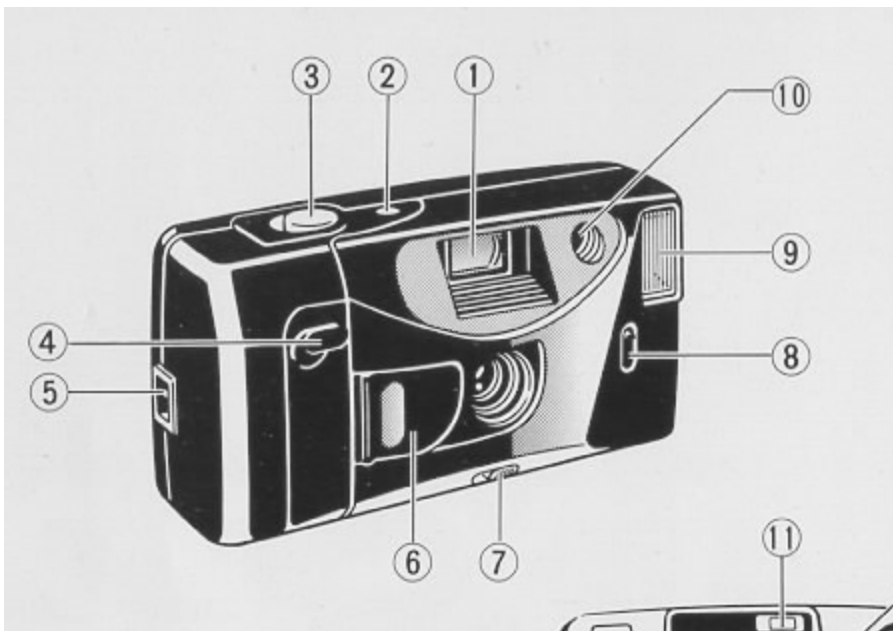
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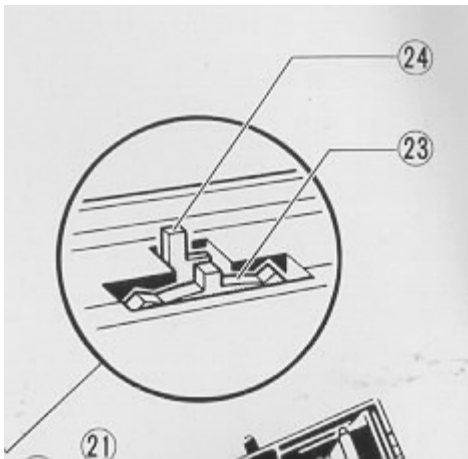
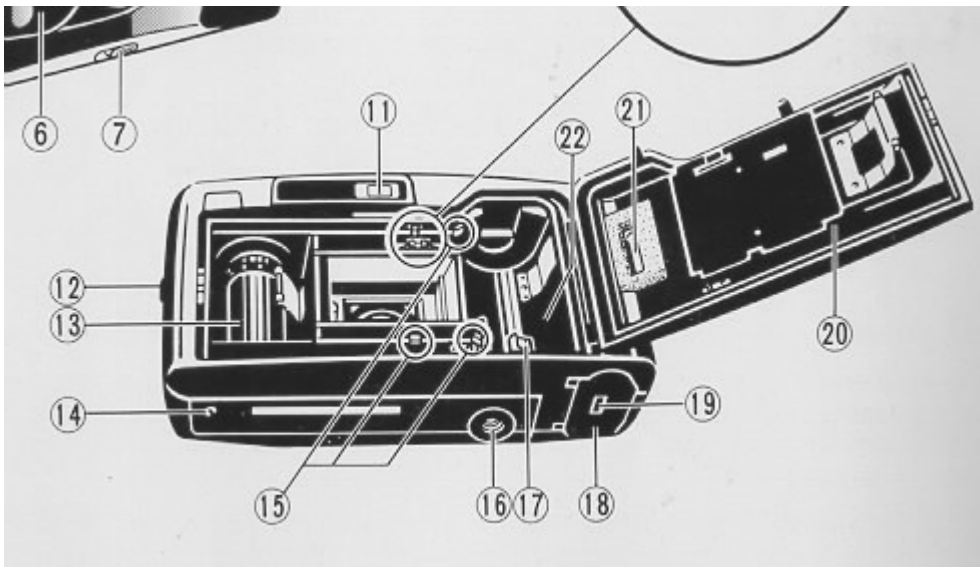
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## DESCRIPTION OF PARTS





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We are most gratified that you have selected a RICOH camera. Before using your camera, please be sure

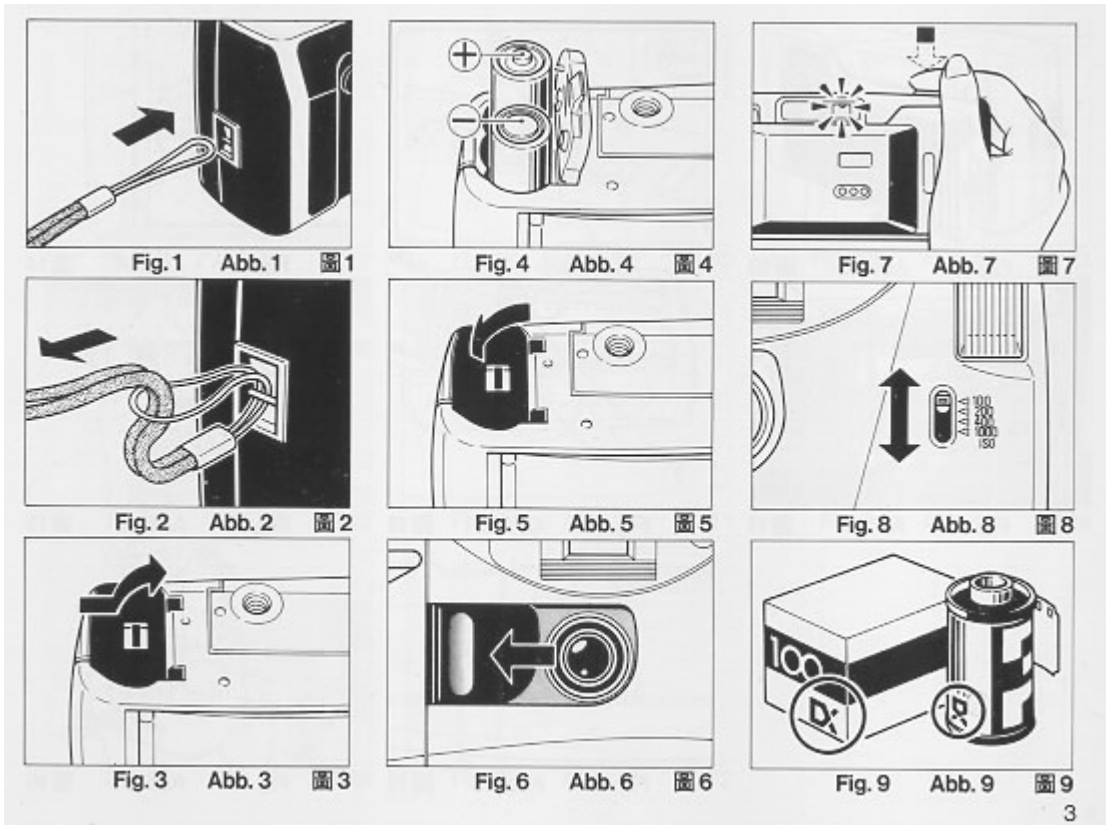
We suggest that you become familiar with your new camera by shooting and processing at least one roll of film before using your camera to record an important occasion

## **LOCATING THE CONTROLS**

|                           |                               |
|---------------------------|-------------------------------|
| 1. Viewfinder             | 14. Manual Film Rewind Switch |
| 2. Film Counter Window    | 15. Film Guides               |
| 3. Shutter Release Button | 16. Tripod Socket             |
| 4. Self-Timer Lever       | 17. Film Rewind Shaft         |
| 5. Strap Holder           | 18. Battery Compartment Cover |
| 6. Lens Cover             | 19. Battery Compartment Latch |
| 7. Infinity Switch        | 20. Back Cover                |
| 8. Film Speed Selector    | 21. Film Loaded Window        |
| 9. Flash Unit             | 22. Film Chamber              |
| 10. Photocell             | 23. Sprocket                  |
| 11. Viewfinder Eyepiece   | 24. Film Counter Switch       |
| 12. Back Cover Latch      |                               |
| 13. Film Take-up Spool    |                               |

## **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

1. Push the Battery Compartment Latch to pull open Battery Compartment Cover. (Fig. 3)
2. Insert two AA-size batteries (Alkaline or Manganese) following the polarity information inside the Battery Compartment. (Fig. 4)
3. Close the Cover by pushing it shut until it latches. (Fig. 5)

\* Do not use Nickel Cadmium batteries.

\* Remove AA batteries from the camera when you do not expect to use it for a long period time.

\* With fresh batteries, the green LED lights when the shutter is depressed halfway. Replace the batteries when the green LED takes more than 30 seconds to light.

\* In cold conditions the capacity of the battery decreases, and the camera may not operate correctly. In that case, you should warm the battery (carry them in your pocket for example) before using the camera.

## OPENING THE LENS COVER

1. Slide the Lens Cover in the direction of the arrow. (Fig. 6)
2. The Lens Cover is interlocked with the safety mechanism of the camera. You can fire the camera only when the Lens Cover is completely open.

## CHECKING THE BATTERY

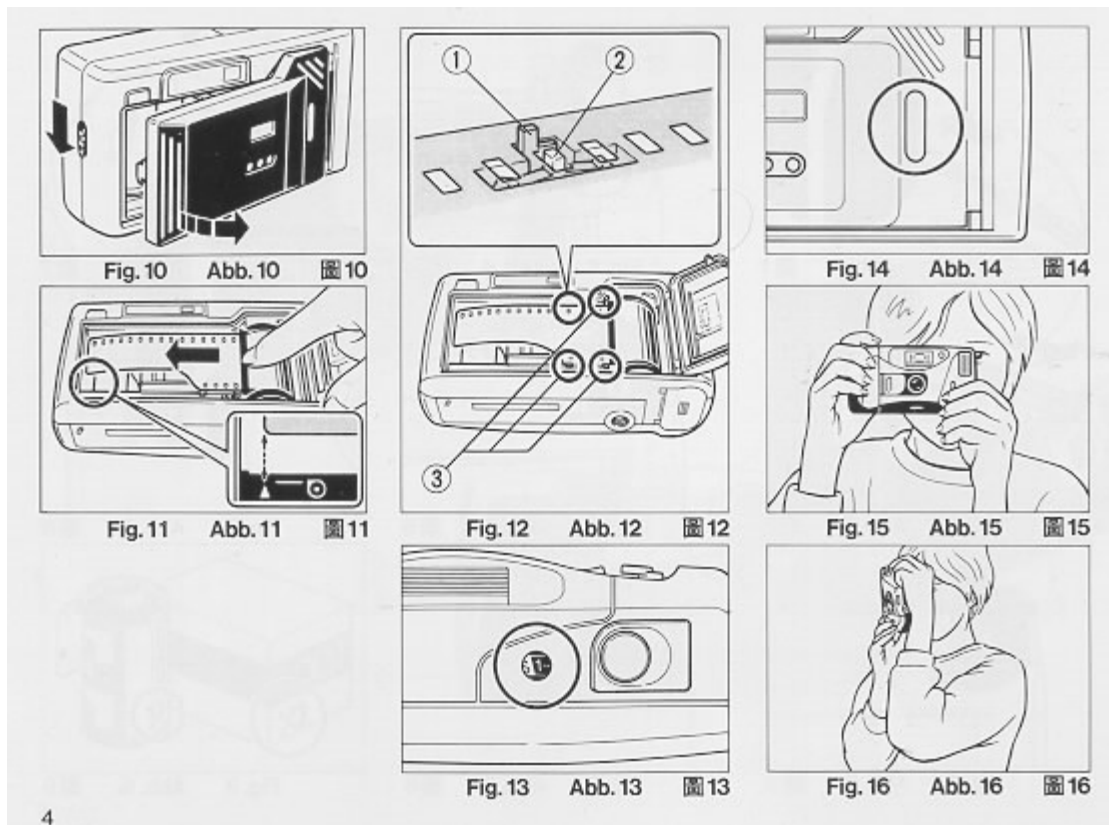
1. Open the lens cover. Wait a moment and then depress the Shutter Release Button halfway. The batteries are OK when the Recharge Complete Monitor (green LED) lights. (Fig. 7)
2. With fresh batteries, the green LED lights about six seconds after the Shutter Release Button has been depressed halfway. This will take longer if the batteries are worn out. In such a case, replace with new batteries.

## SETTING THE FILM SPEED

1. Slide the Film Speed Selector to the closest ISO number according to the film speed indicated on the outside of the film. (Fig. 8)
2. Applicable Films (Fig. 9): ISO 100--ISO 1000 It's recommended you use color negative films. Color slide films may be improperly exposed under varying lighting conditions.

## LOADING THE FILM

1. Push the Back Cover Latch downward. (Fig. 10)
2. Load the film into the Film Chamber, pull out the film leader, press the film container's outlet so that the surface becomes level with the rail surface, and place the film reader over the Film Leader Mark. (Fig. 11)



1. Film Counter Switch
2. Sprocket
3. Film Guides

3. Line up the film within the Film Guides. Make sure that there is no slack in the film and that the edge of the film stays over the Film Counter Switch. Then press the Back Cover shut. (Fig. 12)

4. Press the Shutter Release Button once. The film will be automatically advanced until number "1" appears in the Film Counter Window. If number "1" does not appear, or the film transport motor does not stop, the film has not advanced correctly. Open the camera back and repeat the loading process. (Fig. 13)

5. The Film Loaded Window confirms whether film is in the camera or not, and shows you what type of film is being used. (Fig. 14)

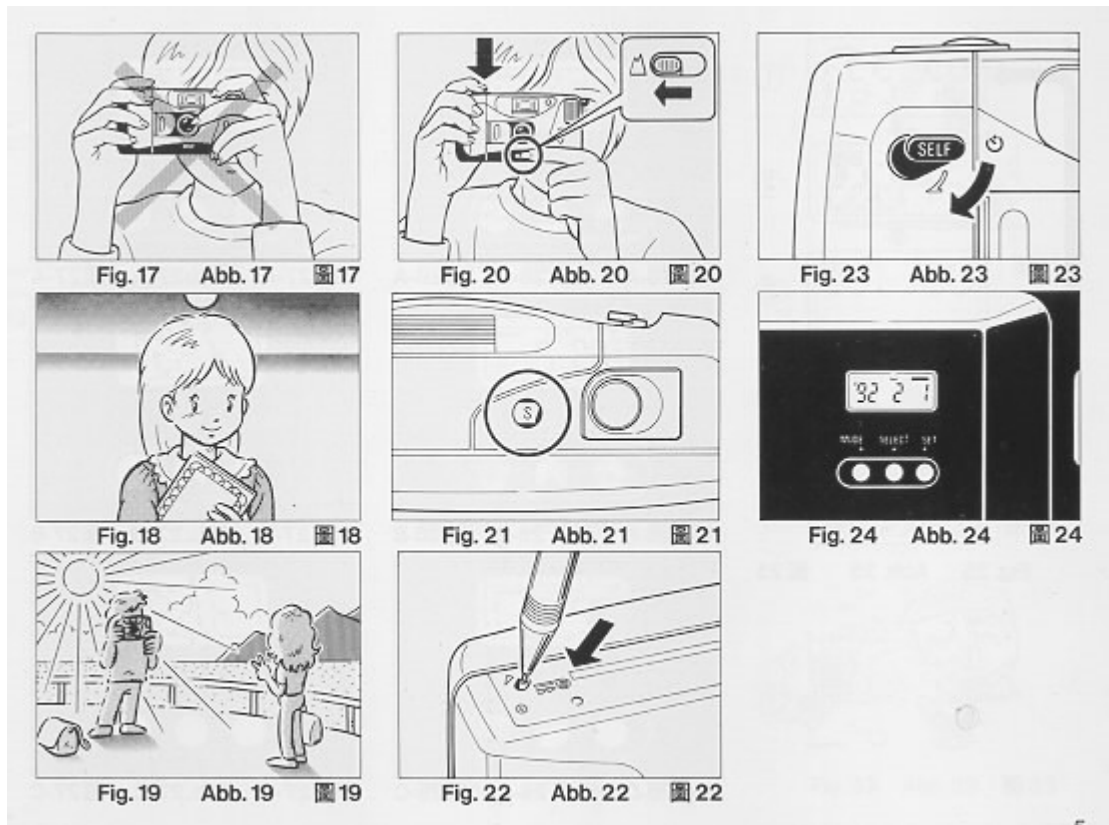
## HOLDING YOUR CAMERA

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)

## TAKING A PICTURE



1. Be sure your subject is at least 1 m (3 R.) away from the camera. (Fig. 18)

2. Take pictures with sunlight behind you. (Fig. 19)

3. The camera takes beautiful pictures outdoors at any focusing distance greater than 1 m (3 If.) simply pressing the shutter. For distant subjects, the image will be clearer if the Infinity Switch is held while the shutter is pressed. The Infinity Switch is the small gray lever on the front of the camera. (Fig. 20)

## **FLASH PHOTOGRAPHY**

When the Shutter Release Button is pressed halfway and the green LED lights up, when the green LED is lit, the flash is fully charged and it is possible to take pictures with the Flash.

After you have taken a picture with the Flash, and you want to take one more picture using the Flash, wait until the green LED lights, after depressing the Shutter Release Button halfway.

\* Be careful not to put your finger in front of the flash window.

\* If the green LED is not lit, the Shutter will be released but the Flash unit will not fire.

### **Flash Photography Distance**

Shooting Range: 1--about 3.0 m

\* If the Shutter Release Button is kept pressed halfway down before the Flash Ready Lamp comes on, the flash will not fully charge.

\* You can also use the Flash Unit as a fill-in light for daytime photography. Momentarily cover the photocell with your hand and press the Shutter Release Button. Then the Flash Unit will fire.

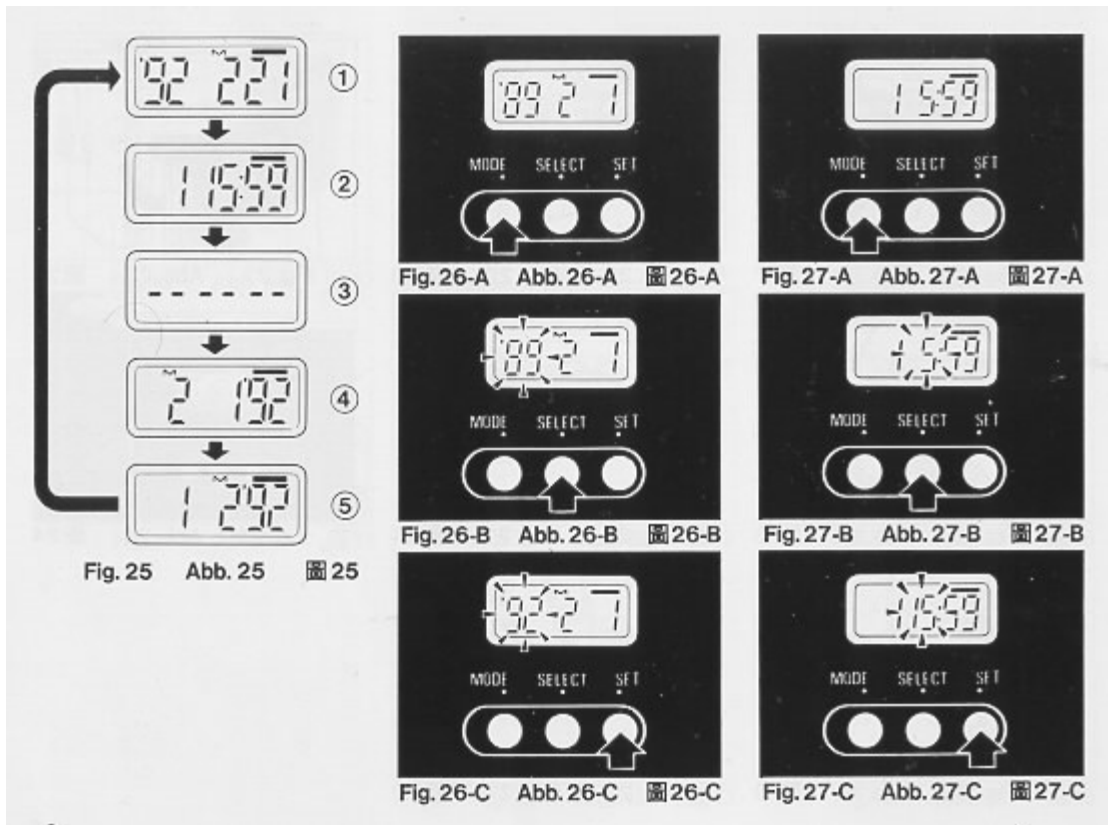
## **REWINDING THE FILM**

1. After the end of the film has been reached, the film will be automatically rewind.
2. After the film is fully rewound, the motor stops automatically and the "S" is seen in the Film Counter. (Fig. 21)
3. Open the Back Cover to remove the film cassette.
4. If you wish to rewind the film before the end of roll is reached, push the Manual Film Rewind Switch with a ball point pen, etc. (Fig. 22)

## **USING THE SELF-TIMER**

1. Move the Self-Timer Lever in the direction shown by the arrow. (Fig. 23)
  2. Push the Shutter Release Button down completely. The Self-Timer Lever will start to move and the shutter will be released about 10 seconds after activation.
- \* The self-timer cannot be cancelled after it has been activated.





Even if the Self-Timer Lever is returned after starting, the shutter will be released when the lever is returned. Even if the Lens Cover is closed after starting the self-timer, the timer cannot be cancelled and the shutter will be released about 10 seconds after activation.

## (OPTIONAL) DATABACK SETTINGS

Nomenclature of the date imprinting feature (Fig. 24)

1. Display panel
2. Month indication
3. Imprint mark
4. Set button
5. Selector button
6. Mode selector button

### Imprinting mode

#### Examples of date imprinting (Fig. 25)

1. 1992 February
2. 1st 15:59
3. No imprinting
4. February 1st, 1992
5. 1st February, 1992

The date imprinting mode can be divided into 5 types date, time, and no imprinting.

Selecting imprinting mode (For 25)

Each time the Mode selector button is pressed, the display changes as shown below.

1. Date (Year/month/day)
2. Time (Day/hour/minute)
3. No imprinting
4. Date (Month/day/year)
5. Date (Day/month/year)

### **Checking imprinting**

After shooting, the imprint mark--flickers in the display panel for a few seconds for correct imprinting.

The mark and the letter "M" are not imprinted on the picture.

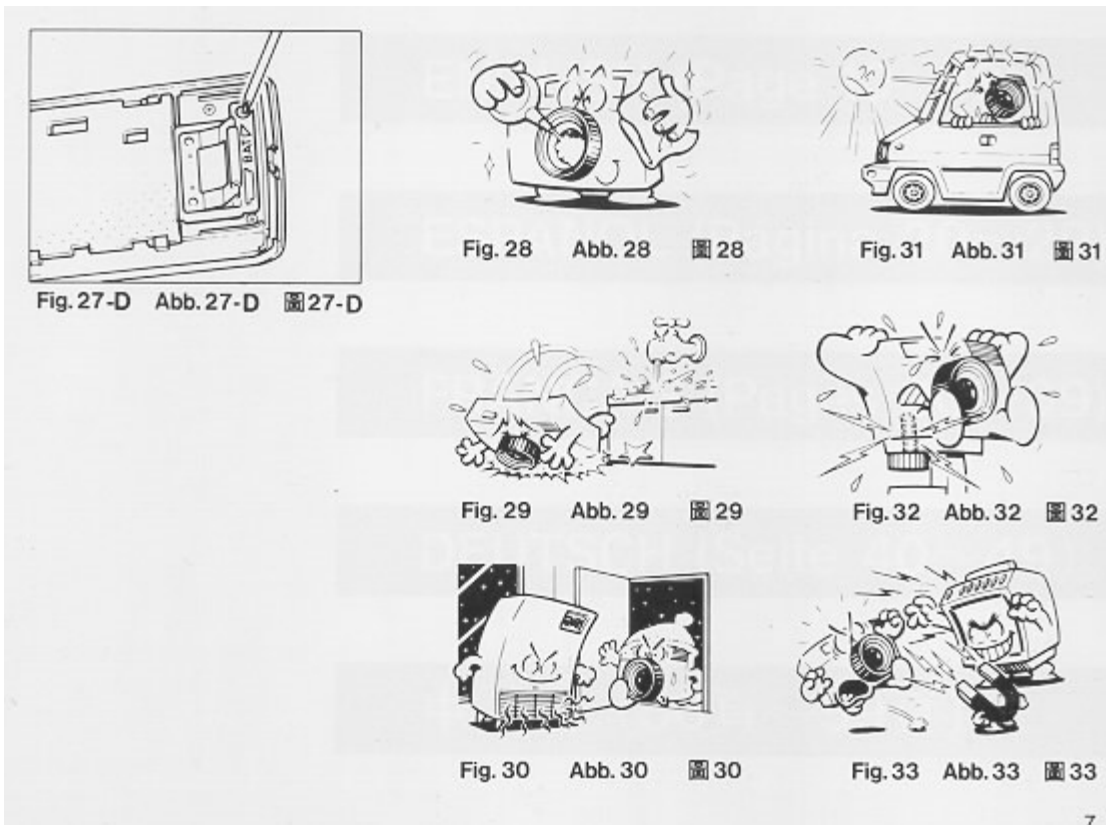
### **Resetting the date and time (Fig. 26A--C)**

1. Each time the Selector button is pressed, the flashing digits change in the order of year, month, day, hour, minute and colon (:).
2. When the digits to be reset flash, press the Set button until the desired digits appear. When the Set button is kept pressed, the digits change rapidly.

### **Accurately setting seconds (Fig. 27A--C)**

1. Press the Mode selector button for Time display mode.
2. Press the Selector button so that the colon (:) flickers.
3. Press the Set button according to the radio or telephone time signal. The time count starts from 0 seconds.

\* It is recommended that the second digits be adjusted after adjusting the minute digits.



### Battery Replacement ( Fig. 27D)

1. Open the back cover.
2. Remove the screw from the databack battery compartment cover with a small (+) screwdriver
3. Remove the battery compartment cover holding the roller section, and lift up the battery.
4. Load the new battery with the side marked (+) facing upwards. Then, close the battery compartment cover using the (+) screwdriver (Use lithium battery CR2025. The service life is about 3 years.)

- \* When the battery is exhausted, the imprinted digits become faint. At that time, replace the battery.
- \* Do not open the date battery compartment lid except when replacing the battery.
- \* Keep the battery out of reach of children. If a child swallows the battery, contact your doctor immediately.

### Notes on date imprinting feature

- \* At temperatures below 0°C (32~F), the battery performance deteriorates. The date imprinting feature may not function correctly and imprinting may become impossible.
- \* When the battery is replaced, the display panel sometimes shows wrong digits. Reset the digits for correct indication.
- \* The date is sometimes illegible ff it is imprinted on the following objects.

- (1) "Warm"-colored objects, such as red, yellow, orange. etc.
- (2) Objects with details similar in size to the imprinted date (gravel, leaves, etc.)
- (3) Objects of high luminance (sky, white wall, etc )

\* Imprinting is not possible in the following modes. (1) Print off mode (2) Reset mode

## **PROPER CARE OF YOUR CAMERA**

\* If there is dirt on the lens, do not touch with fingers. Use a blower to blow the dust away, or wipe the surface gently with a soft cloth. (Fig. 28)

\* 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. (Fig. 29)

\* Take care not to expose the camera to sudden changes in temperature, as they may cause malfunction. (Fig. 30)

\* 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 cause malfunction. (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**

**Lens:** 35 mm/F4.5 lens 3 groups, 3 elements

**Focusing:** Fixed Focus with Infinity Switch  
Distance 1 m--∞

**Shutter:** Mechanical Shutter, 1/125 sec.

**Self-timer:** Approx. delay 10 sec.

**Viewfinder:** Reverse Galilean Viewfinder 0.52X

**Film speeds:** ISO 100, 200, 400, 1000 setting switch, ISO can be seen through the back cover window

**Film loading:** Ricoh auto-load system

**Film advance:** Automatic advance

**Film rewind:** Automatic rewind at the end of roll, Manual rewind is possible

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

**Built in flash:** Automatic sensor flash

Flash recycling time: Approx. 6 sec.

**Flash shooting range:** 1 m--approx. 3 m

**Power source:** 2XAA penlight batteries (Ni-cad battery cannot be used)

**Dimensions:** 132 (W) X68 (H) X50 (D) mm

**Weight:** Approx. 2359 (without Battery)

\* Specifications are subject to change without notice.