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Fig. 1

Fig. 2

Fig. 3

Fig. 4
SAFETY GUIDE

This product is intended for photography. Please do not use it for any other purposes other than photography. Every precaution has been taken to ensure the safety of this product; please use this product correctly after reading the information below. The following indication mark is a warning/caution label to show how to use this product so that damage or injury does not result.

1. WARNING
   - This mark is a warning that states that if the product is not used correctly, death or serious injury of the user or others may result.

2. CAUTION
   - This mark is a caution that states that if the product is not used correctly, death, serious injury or disability may result. It also warns of the possible danger of damage to property.

3. NOTICE
   - This mark indicates items that are prohibited when using this product.

   - If the warning/caution information is unreadable, we recommend obtaining new operating instructions at our service station. (There may be a charge for this.)

WARNING (Fig. 1)

1. Never disassemble this camera. There are high voltage wires inside the camera so there is a danger of electric shock.
2. Do not expose the battery to heat or flame. Do not attempt to short, disassemble or charge the battery. There is a danger of explosion and severe injury.
3. Put the battery in a place where young children cannot reach it. There is a danger of death by accidentally swallowing the battery.
4. Please do not use the camera to look directly at the sun. There is a danger of injury to the eye.
5. Put the camera strap in a place where young children cannot reach it. There is a danger of accidental suffocation if the strap is wrapped around the neck.
6. When the camera is left at low or high temperatures do not touch it with your bare hands. It is possible that you may sustain an injury due to burning.
7. If you become aware of something abnormal with the camera (for example, it generates abnormal sound or heat, smokes, smells of burning, etc.) during operation, immediately remove the battery out of the camera taking care not to burn your hands and ask the store that you got it at or our agent to repair it. If the camera is left as it is abnormal, it may cause a burn or fire.
8. If the inside of the camera is exposed as a result of getting dropped or damaged, be sure not to touch the exposed inside to avoid getting an electric shock, burn or injured. In such a case, immediately remove the battery out of the camera taking care not to get an electric shock, burn or injured, and ask the store that you got it at or our agent to...
How to use the strap (Fig. 7)

- Use the protrusion on the plastic piece of the strap for ease of pushing the small button switches.

Shooting Display Panel (Fig. 8)

- The diagram shows all crystal displays in the "on" state.
- Auto-flash Mode Symbol (Standard mode)
- Battery power symbol
- "Red-eye" reduction mode indicator
- Flash Off Mode symbol
- Self-timer Mode indicator
- Night View Portrait Mode indicator
- Flash Off Mode indicator
- i.s Exposure Compensation Mode indicator
- Long distance Mode indicator
- Film Counter

Liquid Crystal Display

- This camera uses the liquid crystal in the shooting display panel.

- The LCD display darkens at high temperatures, and the response is slower at low temperatures.

Using the Viewfinder (Fig. 9)

- The finder is real image finder. It shows what the camera lens sees.

A. Picture frame
B. Close-up (parallax correction) marks

Standard Mode Operation

1. Loading the Battery (Fig. 11)

- This camera will not operate without a battery.
- You can open the cover of the battery chamber by depressing the release button of the battery chamber cover to the direction of the arrow indicated with the protrusion of the strap adjustment tool.
- Be sure to load a battery in the battery chamber matching the +/- sides of the battery with the +/- marks inside the battery chamber, and close the battery cover with a click.
- If the battery mark is displayed black in the shooting display panel as the power is turned on (Fig. 13), the battery capacity is enough for operation.
- Use a single CR 123A or DL 123A (3 V) lithium battery.
- Please do not use organic solvents such as alcohol or paint thinner to clean the camera.
- The lens may become clouded with water droplets if the temperature of the camera changes suddenly, for example if it is brought from the cold outdoors into a warm room. Let the camera sit for a while before using.
- A camera is a precision instrument. Please do not drop it, strike it or use excessive force when handling the camera.

2. Loading the Film (Fig. 12)

- This camera uses standard 35 mm 135 size film magazines with DX coding. The film speed (ISO25-3200) is set automatically when the film is loaded.

- Please do not load film in too bright or humid places, such as in a car or car trunk in direct sun light or on the beach in the sun or sand.
- Do not use this camera in the rain if exposed to rain, sea air or sand, please wipe with a dry cloth immediately. Salt is particularly damaging to the camera.
- Please do not leave the camera near electrical appliances such as televisions or refrigerators.
- Keep the camera away from formalin used in new cabinets and drawers, moth repellent and the insecticide nicotine (these will effect colour film quality).
- Avoid exposing to mud or sand. This can cause serious damage to moving parts of the camera. In some cases the camera is damaged so badly that repair is not possible.

Name of parts (Fig. 6)

- Shooting display panel/film counter
- Power Switch
- Zoom Switch
- Release Button
- Remote Control Sensor
- Side attachment clip
- "Red-eye" reduction lamp
- AF Photo Sensor Window
- Mode Selector Switch
- Manual Rewind Switch
- Viewfinder Window
- Flash
- Auto-focus sensor Windows
- Viewfinder eyepiece
- View angle adjustment dial
- Date and time setting panel
- Cover release knob
- Cover
- Tripod Socket
- Green lamp
- Red lamp
- Panorama selection lever
- Film Check Window
- Battery cover/cover release button
- Auto-date/time selector/adjuster switch
- The LCD monitor
- Panorama model only

- Push up the back cover release knob in the direction of the arrow, after checking the film is loaded.
- Be careful not to touch the lens inside the camera.
- Check to see whether the camera is loaded with a film or not by looking through the film check window.
- Place a new roll of film in the film chamber. Draw out the film slowly holding the magazine in case.
- Draw the film tip as far as the FILM TIP mark inside the camera. Close the Back Cover firmly.
- Flash-Off Mode switch if the film is automatically advanced to the first frame position.
- The film may not be advanced automatically just by closing the back cover if the film is loaded after the battery is loaded for the first time or after battery replacement. In such a case the power switch is to be turned on the camera after loading the film and closing the back cover. The lens is shifted to the shooting position and the film is forwarded for the first frame.
- When using a film without DX coding or a film whose film speed is ISO25, press the shutter release button once after the power switch is turned on.
- When the film is not forwarded normally, "17" blinks in the film counter for about 5 seconds and then the LCD shows nothing. In that event, open the back cover and try to load the film into the camera once again.
- Use ISO 25/100/200/400 film for color slides.

3. Taking Pictures (Fig. 13)

- Press the power switch. The lens cover opens and the lens barrel is moved out to the shooting position (wide-angle position of 38 mm focal length). At that time,
Advanced Instructions

8. Using the Mode Switch (Fig. 19)
Each time the mode selector switch is pressed, the indication (mark) point at a shooting mode one after another in circulation motion on the shooting display panel.

- The camera returns in the select shooting mode until another shooting mode is selected. However, the self-timer photography mode is automatically reset to the AUTO mode each time self-timer photography is complete.
- If the camera is turned off and on again, the shooting mode is set to the AUTO mode.

9. "Red-eye" Reduction Mode (Fig. 20)
When taking pictures of people's faces under dim light using flash, reflection of flash on the retina, sometimes called "Red-eye", may occur. This "Red-eye" phenomenon because the flash lamp flashes after the "Red-eye" reduction lamp makes the pupils of the eyes smaller.

- Press the mode selector switch to make the indication (mark) point at .
- If the shutter operates when the camera is pointed towards a person, the "Red-eye" reduction lamp lights, the flash operates and the shot is taken.
- The flash operates approximately 1 second after the red-eye reduction lamp. Make sure the subject of the camera is not moved during this time.
- The flash will not fire in bright conditions.
- The shutter speed when the flash goes off is a maximum of 1/45 of a second on wide angle and 1/100 of a second on telephoto. Make sure to keep camera steady and avoid blurring.

10. Flash ON Mode (Fig. 21)
Daylight flash photography is effective for low-light subjects, strong shadows or on cloudy days.

- Press the mode selector switch to make the indication (mark) point at .
- The flash will operate even in bright places.
- The shutter speed when the flash goes off is a maximum of 1/45 of a second on wide angle and 1/100 of a second on telephoto. Make sure to keep camera steady and avoid blurring.

11. Self-timer Mode (Fig. 22)
Use a tripod for taking not only serious pictures but also close-up pictures. Be sure to use a tripod to prevent the camera from shaking that causes blurred picture.

- Press the mode selector switch to take the indication (mark) point at .
- Self-timer will start release the shutter after about 10 seconds.
- Stand behind the camera and press the shutter release button. Exposure and focus will not be correct if the shutter is pressed while you're standing in front of the camera.
- If you want to cancel the operation while the self-timer is on, press the shutter release button to turn off.
- Each time self-timer photography is complete, the self-timer photography mode is canceled. Be sure to set the camera to the self-timer photography mode whenever you are taking a picture with the self-timer.

12. Night View Portrait (Fig. 23)
Flash fires in synchronization with slow shutter speed.

- Press the mode selector switch to make the indication (mark) point at .
- Under poor light, shadow will remain open for up to 1.5 sec. to achieve correct exposure conditions.
- The AE operates normally in the flash mode, so it is possible to take correctly exposed photographs at dawn and dusk, on cloudy days, or at close range, and against dark backgrounds.
- Use of a tripod is recommended to prevent the camera from shaking.

13. Flash OFF Mode (Fig. 24)

- Use a tripod for flash OFF mode, the flash will not fire even under poor light. Use this mode to prevent operation of flash when not permitted, or for taking evening scenes with available light only, for example.

- Press the mode selector switch to make the indication (mark) point at .
- The camera is set for programmed AE photography at up to 1.5 sec. without flash.
- Use a tripod, it is often advisable in Flash OFF Mode, to prevent blurring due to slow shutter speeds.
- Use a tripod, it is often advisable in Flash OFF Mode, to prevent blurring due to slow shutter speeds.

14. 1/5 Exposure Compensation Mode (Fig. 25)
This feature slightly over-exposes the picture to bring out high-lights in a back-lit scene, or to capture detail in shadows or when contrast is high.

- Press the mode selector switch to make the indication (mark) point at .
- This causes the taking picture to automatically over-exposed by 1.5 EV.
- Use a tripod for photographing in a dark place for preventing the camera from moving.

15. Long distance Mode (Fig. 26)
Use this mode to take photos of distant landscapes and when shooting scenery or landscapes through a glass window. Focus will be set at infinity for maximum sharpness.

- Press the mode selector switch to make the indication (mark) point at .

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16. Auto-date (for Auto-date model only)

The Auto-date model of this camera has a quartz-controlled auto-date mechanism (clock/calendar) that is programmed through December 31, 2019.

17. Changing the Display Mode (Fig. 27)

Press the MODE switch and select either date or time.

18. Adjusting Date and Time (Fig. 28)

When correcting, push all switches with the prongs on the plastic piece of strap.

Press the MODE switch to show year, month and day on the display.

Press the SELECT switch to select numeral to blink.

While the selected numeral is blinking, press the SET switch to correct the numeral.

Press the SET switch repeatedly until the numeral changes as desired.

Repeat the above steps F and F until all numeral indications, year, month and day, are corrected as desired.

19. Panorama photography (Fig. 29) (for Panorama model only)

Switching to panorama can be done at any time while the film is in the camera.

Turn the panorama selection lever up and set the lever index (C mark) on the mark and panorama image will appear.

The picture frame inside the finder also switches to panorama.

20. Photography using Remote Control (Fig. 30)

The remote control transmitter needs to be purchased separately for models that are not supplied with the transmitter.

When the remote control transmitter is pointed at the camera receiver and the remote release button is pressed, the shutter operates after the self-timer lamp has flashed for three seconds.

Remote control photography is possible in all photography modes except self-timer.

The receivable distance of remote control signal (effective range of the remote controller) is within 5m in front of the camera.

When the photometer of the remote controller receives a strong light (sunlight or fluorescent lamp) or the remote controller is operated near a fluorescent lamp, etc., remote-controlled photography may result in failure. In such a case, use the self-timer for the remote controller.

Batteries are included in the remote control.

WARNING Danger of explosion leading to major injury. Please do not expose remote control to naked-flames, discernible, or heat.

How to attach the remote control (Fig. 31)

Remote control can attach to the strap.

When attaching, please follow the reverse procedure.

Specifications

| Film speed | With DX film, auto setting ISO25 to ISO5200, with non DX film defaults ISO25 |
| Type | Auto-focus auto-exposure 35 mm lens shutter camera with built-in zoom lens |
| Format | 24x36 cm film | Lens 38 mm f5.0 — 150 mm F1.8 focal length Konica zoom lens (8 groups, 10 elements), with lens cover |
| Power switch | As the power is turned on, the lens cover opens and the lens barrel is moved out of the camera body. When the power is turned off, the lens barrel is moved back into the camera body and the lens cover is closed. When the camera is left without operation as the power is turned off, the power is automatically turned off. |
| Shutter | Electronic programmed shutter, 1/500-1/320 sec. |
| AE Coupling range | ISO100: f=38 mm EV 4 — EV 16 f=150 mm EV 6 — EV 16 |
| AE adjustment | Backlight fill in program AE using a CdS light receptor element |
| Focusing | Infrared non scan active type auto-focus system, effective range: 0.8 m (2.6 ft.) — (with 150 mm telephoto), Focus lock with shutter release half stroke |
| Finder | Real-image image finder with auto-focus frame, close-up parallax marks, Green lamp (auto-focus/ focus lock, blinking when subject is out of range) View angle can be adjusted in a range from -4 to -2 degrees. |
| Flash | The flash mechanism automatically emits when the hand shake limit for low light. Interchangeable — (ISO 100) f=38 mm 0.8 mm (2.6 ft.) — 5 m (16.4 ft.) f=150 mm 0.8 mm (2.6 ft.) — 1.8 m (5.9 ft.) Flash recycling time — 8 seconds. |
| Settings | Mode switch: Auto Flash → Red eye reduction → Flash ON → Self-timer → Night View Portrait → Flash OFF → +1.5 EV over-exposure → Long distance |
| Self-timer | Electronic self-timer about 10 sec. delay, red LED blinks for first 3 sec., then lights for 3 sec., cancel function provided |
| Film transport | Automatic film advance to first frame (Motor-drive autoadvance starts when the back cover is closed), auto wind after each frame, this operation at end of roll with auto-rewind stop |
| Manual rewind feature | You can rewind the film before the roll if finished. |
| Frame counter | Additive type, LCD panel display |
| Auto-date (Auto-date model only) | Built-in digital LCD display, Imprints date or year to the year 2019, setting for date or time recording can be turned off without damaging the image. |
| Panorama photography (Panorama model only) | The panorama selection lever is used to switch back and forth between the panorama image and the standard image. When the image is switched to panorama, the panorama photography range frame is displayed inside the finder. Switching between panorama and standard can be done at any time while the film is in the camera. The position at which the auto-date is printed will also be switched automatically. |
| Operation temperature range | -10 *C to 50 *C |
| Battery life | About 13 rolls with flash for half the exposures (24-exposure film) |
| Power source | Lithium battery (CR123A, DL123A, 3 V), battery power check on LCD panel |

Remote control (Remote control model only)

Exclusive remote control system using infrared light. Operates via the remote release button. The signal reception distance is within about 5 m (16.4 ft.) front. Battery life: About 10,000 signals can be transmitted. Lithium battery (CR2025 3V) |

Size, weight

124.5 x 70.6 x 5.5 mm (4.8 x 2.7 x 0.2") 300 g (10.5 oz) battery extra 321 g (11.6 oz) (with auto date) |

Note: Specifications and design are subject to change without notice. Above data based on manufacturer's tests.