



This manual is for reference and historical purposes, all rights reserved.

This page is copyright© by M. Butkus, NJ.

This page may not be sold or distributed without the expressed permission of the producer

I have no connection with any camera company

On-line camera manual library

This is the full text and images from the manual. This may take 3 full minutes for the PDF file to download.

If you find this manual useful, how about a donation of \$3 to: M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701 and send your e-mail address so I can thank you. Most other places would charge you \$7.50 for a electronic copy or \$18.00 for a hard to read Xerox copy.

This will allow me to continue to buy new manuals and pay their shipping costs.

It'll make you feel better, won't it?

**If you use Pay Pal or wish to use your credit card,
click on the secure site on my main page.**

Konica

BIG mini

BM-302



English/**Deutsch**/Français/**Svenska**/Español/**Italiano**/中文

Fig. 1

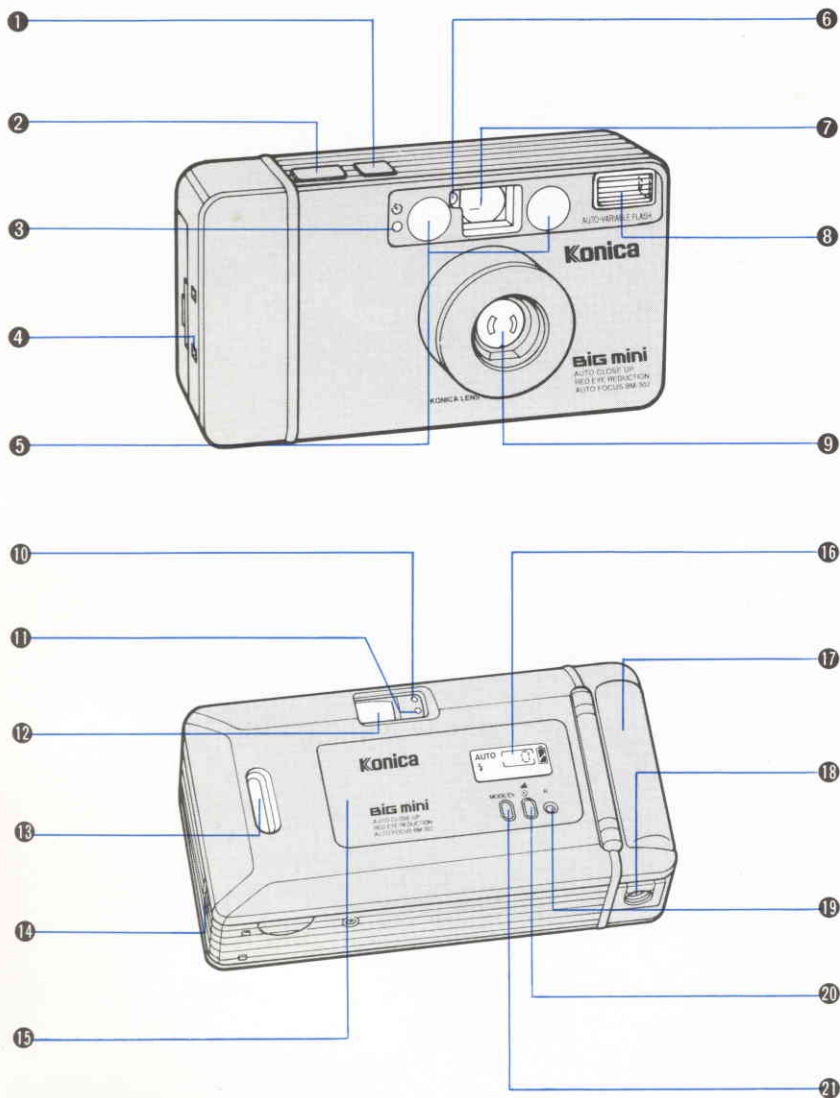
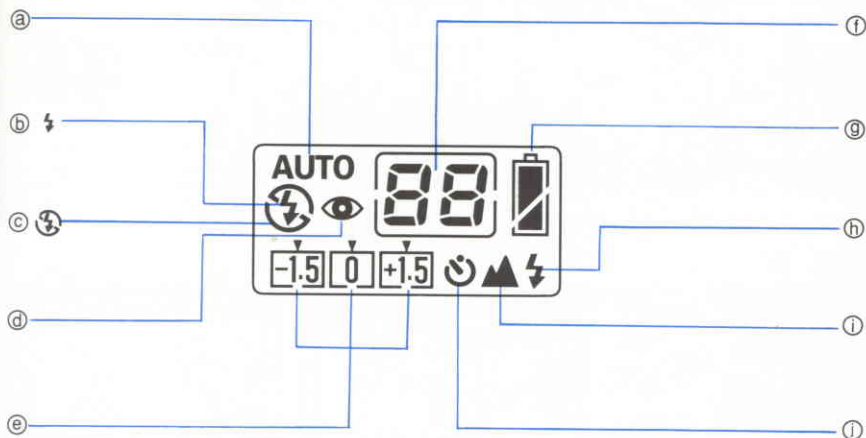
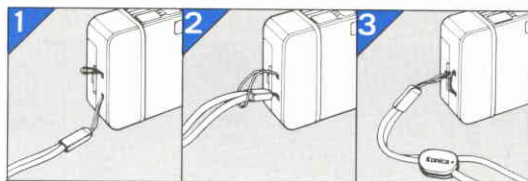


Fig. 2



How to use the strap



CONTENTS

English	10
Deutsch	19
Français	28
Svenska	37
Español	45
Italiano	54
中文	63

Fig. 3

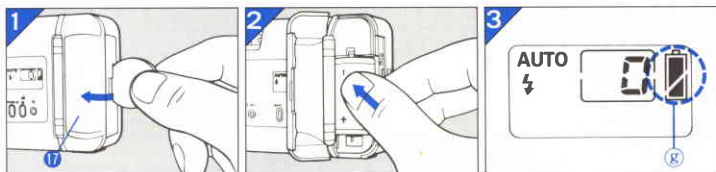


Fig. 5

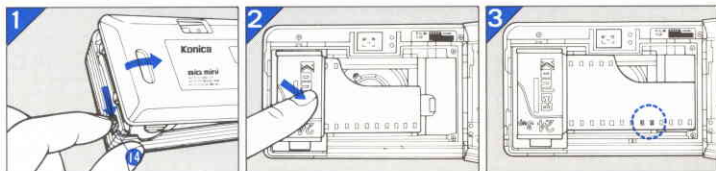


Fig. 6

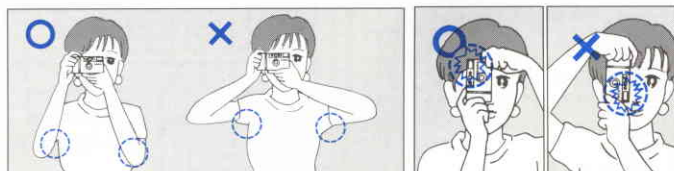


Fig. 8



Fig. 4

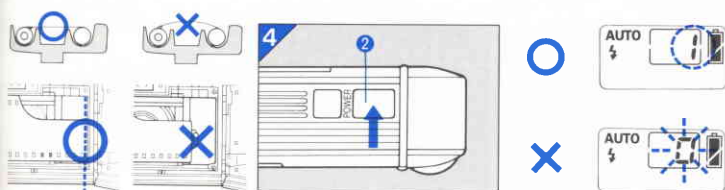
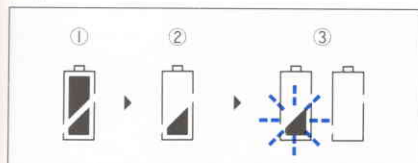


Fig. 7

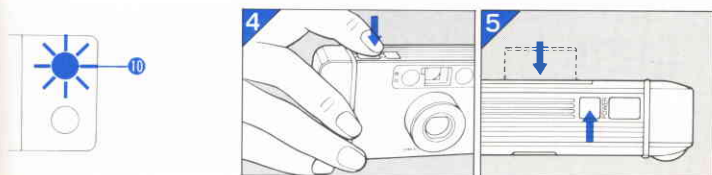
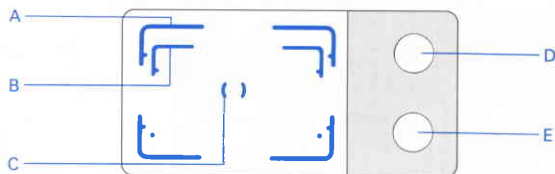


Fig. 9



Fig. 11

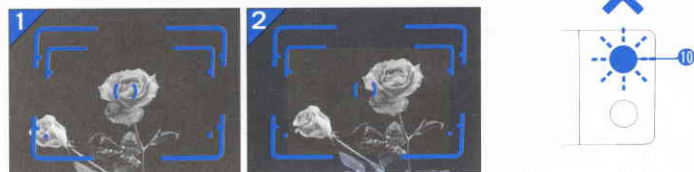


Fig. 14

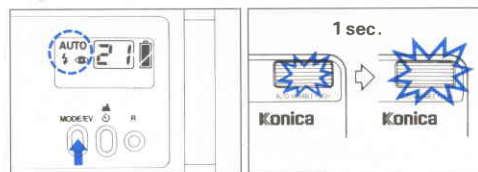


Fig. 16

Slow Shutter Synch

Flash Auto



Fig. 10

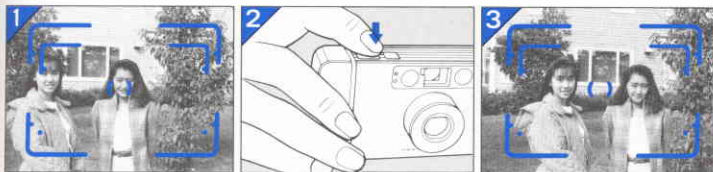


Fig. 12

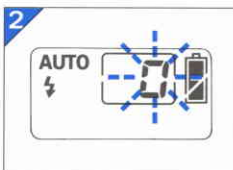
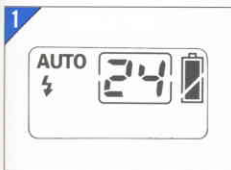


Fig. 13

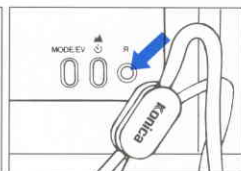
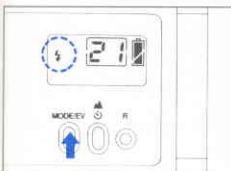


Fig. 15



With Flash



Without Flash



Fig. 17

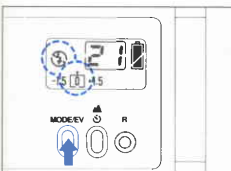


Fig. 18

+1.5EV Exposure
Compensation Mode

Standard Mode

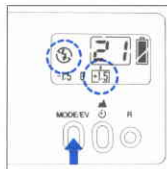


Fig. 20

Through Glass Window
Infinity Photography

Standard Mode

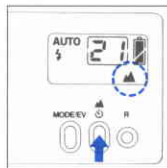
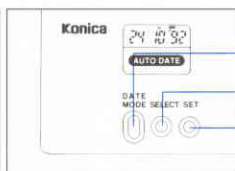
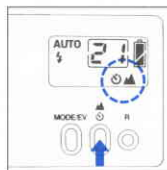


Fig. 22

Fig. 23



"MODE" Switch

"SELECT" Switch

"SET" Switch

Fig. 24

Fig. 25

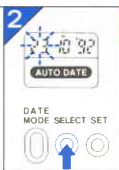
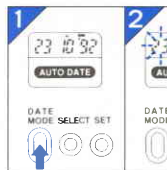


Fig. 19

-1.5EV Exposure Compensation Mode

Standard Mode

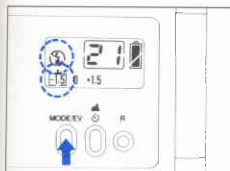
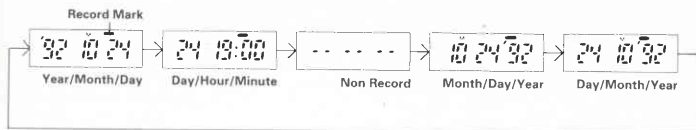
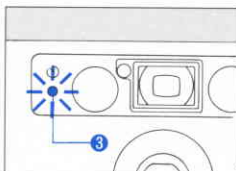
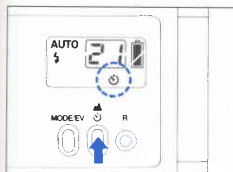


Fig. 21



ENGLISH

Names of Parts (Fig. 1)

- ① Power Switch
- ② Shutter Release Button
- ③ Self-timer Light
- ④ Strap Eyelet
- ⑤ Auto-focus Sensor Windows
- ⑥ AE Photo Sensor
- ⑦ Viewfinder Window
- ⑧ Built-in Flash
- ⑨ Lens/Front Filter
- ⑩ Green Light
- ⑪ Red Light
- ⑫ Finder Eyepiece
- ⑬ Film Check window
- ⑭ Back Cover Lock
- ⑮ Back Cover
- ⑯ Display Panel
- ⑰ Battery Chamber Cover
- ⑱ Tripod Socket
- ⑲ Manual Rewind Switch
- ⑳ Mode Switch-2
- ㉑ Mode Switch-1

Display Symbols (Fig. 2)

- Ⓐ Auto-flash Mode Symbol (Standard Mode)
- Ⓑ Flash ON Mode Symbol (Fill in Flash)
- Ⓒ Flash OFF Mode Symbol
- Ⓓ Pre-flash Mode Symbol
- Ⓔ Exposure Compensation Mode Symbol
- Ⓕ Frame Counter
- Ⓖ Battery Power Symbol
- Ⓗ Flash Charge Symbol
- Ⓘ Infinity Mode Symbol
- Ⓚ Self-timer Mode Symbol

Standard Mode Operation

1. Loading the Battery (Fig. 3)

Use a single lithium CR123A, DL123A (3V) battery. This camera will not operate unless the battery is inserted.

- 1) Insert a thin coin into the groove of the Battery Chamber Cover ⑰ and turn to open the cover.
- 2) Insert a fresh battery, aligning the ⊕ and ⊖ poles as shown inside the battery chamber then close the cover.
- 3) If the Battery Power Symbol ⑥ is black, the power is full.

★ Since the Auto-date calendar/clock runs on the same battery as the camera, please reset date/time after loading the battery. (for Auto-date type only)

When to replace the battery (Fig. 4)

- ① Adequate power supply. (Battery Power Symbol is black.)
 - ② Low power. (Battery Power Symbol is 2/3 blank, 1/3 black.) Time to replace the battery.
 - ③ No more power. (1/3 black portion of Battery Power Symbol blinks, then turns completely blank.) No more pictures can be taken.
- ★ Replace the battery when the Battery Power Symbol is 2/3 blank. Wait until the end of a roll of film before replacing battery.
- ★ After changing the battery, please press the Power Switch ①. The battery indicator will then fully light.

2. Loading the Film (Fig. 5)

This camera uses standard 35mm (135 size) film roll magazines with DX coding. The film speed (ISO 25-3200) is set automatically when the film is loaded in the camera.

- ★ In case non-DX film is used, the film speed is set to ISO 25.
- ★ Use ISO 25/50/100/200/400 film for color slides.

- 1) Push down the Back Cover Lock ⑭ and open the Back Cover ⑮.
- 2) Place a new roll of film in the film chamber.
Draw out the tip of the film, holding the magazine in place.
- 3) Draw the film tip as far as the FILM TIP mark inside the camera, and ensure that the holes in the film engage the teeth of the sprocket.
Close the Back Cover firmly.
- 4) Press the Shutter Release Button ② once. The film will automatically advance to the first frame, and the Frame Counter ① on the Display Panel will indicate " 1 ".
- ★ If the film has not been correctly loaded " 0 " the Frame Counter will blink. Open the Back Cover and reload the film.
- ★ When using a non-DX film, the film has to be auto loaded by turning on Power Switch ① first, then by pressing the Shutter Release Button ②.

3. Holding the Camera (Fig. 6)

Keep your elbows down to hold the camera steady.

- ★ Be sure that the lens and the Auto-focus Sensor Windows ⑤ are not obstructed by anything: fingers, strap, etc.
- ★ If the flash is used with the camera held vertically, the flash unit should be at the top of the camera.

4. Using the Viewfinder (Fig. 7)

- A. Picture frame
- B. Close-up compensation (parallax) marks (at 0.35m < 1.15ft > — 0.6m < 1.97ft >)
- C. Auto-focus frame
- D. Green Light (AE/AF Lock and close-up warning signal)
- E. Red Light (Indicates flash will operate/low light warning)

5. Taking Pictures (Fig. 8)

- 1) Press the Power Switch ①. The lens barrel will move forward.


- ★ If the front filter gets dirty, wipe it with a dry cloth.
- 2) Look through the Finder Eyepiece ⑫ and frame the subject with the Auto-focus frame in the center of the viewfinder.
- 3) Press the Shutter Release Button ② halfway until the Green Light ⑩ comes on. The focus is automatically set.
- 4) Press the Shutter Release Button all the way down to take the picture. The film will advance one frame.
- 5) After using the camera, press the Power Switch to turn off the power. The lens barrel will retract.
- ★ If your finger is pressed against the lens barrel accidentally when the Shutter Release Button is pressed, the shutter will not release because it is unable to focus properly.
Press the Power Switch again to extend the lens and take the picture.

Camera to Subject Range:

0.35m (1.15ft) – ∞

- ★ When photographing very bright subjects (LV16 or more) such as summer seashore, snowy mountain, or a white flower under the direct sunlight, you will find the subject within 0.9m range may not be focussed. In that event, take a distance more than 0.9m to photograph the subject.

6. Using Auto-flash (Fig. 9)

- 1) If the Red Light ⑪ and Green Light ⑩ turns on when the shutter release is pressed halfway down, there is not enough light, and the Auto-flash will operate.
- 2) Press the Shutter Release Button ② to take a picture with flash.
- 3) After taking a picture with flash, the Flash Charge Symbol () ⑨ on the display panel will appear for a few seconds while the flash is recharging. Shutter locks until recharging is completed.
- ★ Flash range will be adjusted based on the distance and the film speed automatically measured by camera itself.

- ★ When flash is used to take pictures of people, use the Pre-Flash Mode.

Flash Photography Range:

ISO 100 0.35m (1.15ft) — 3.7m (12.1ft)

ISO 200 0.35m (1.15ft) — 5.3m (17.4ft)

ISO 400 0.35m (1.15ft) — 7.5m (24.6ft)

7. Focus Lock (Fig. 10)

- 1) Aim the Auto-Focus Frame at the subject.
 - 2) Depress the Shutter Release Button ② halfway until the Green Light ⑩ turns on.
 - 3) With the Shutter Release Button held at this point, compose the picture, and continue pressing the Shutter Release Button fully down to take the picture.
- ★ Focus Lock will be released if the finger is removed from the Shutter Release Button before taking the picture.
 - ★ Automatic Exposure (AE) is locked at the same time as Focus Lock.
 - ★ Focus Lock may not operate properly with some kinds of dark or grey objects, reflective or light-emitting objects, or very small objects. In such cases, set the Focus Lock by aiming the camera at another object of similar brightness at about the same distance.
 - ★ When taking pictures through a glass window, the Auto-focus mechanism may not focus properly because of reflections. To take photos through glass, press the camera directly against the glass. For landscape photos through a window, use the Infinity Mode.

8. Close-up photography (Fig. 11)

Close-up photos can be taken in a range from 0.6m (1.97ft) to 0.35m (1.15ft).

- 1) Approach the subject up to 0.6m-0.35m, position it to fit in the Auto-focus Frame and depress the Shutter Release Button halfway until the Green Light ⑩ turns on.
- 2) With the Shutter Release Button held at this point, determine your shooting angle with in the Close-up compensation marks to release the shutter.

- ★ When depressing the Shutter Release Button halfway if a Green Light blinks, that indicates either the shooting distance is shorter than 0.35m. When the shutter is locked, correct the distance and depress the Shutter Release Button again.

- ★ All photographic modes (except ▲) can be selected.
- ★ The camera vibration can be protected by using a tripod and shooting with the self-timer.

9. Unloading the Film (Fig. 12)

- 1) When the last frame of the film has been exposed, the film will be automatically rewound. When the film is fully rewound, the motor stops automatically.
 - 2) When the rewinding has stopped, check that the Frame Counter ① has returned to "1", the "1" will blink. Open the Back Cover ⑮ and remove the film.
- ★ More pictures can be taken than the specified number of frames in the film roll, but the last two pictures may overlap each other.


Manual Rewind (Fig. 13)

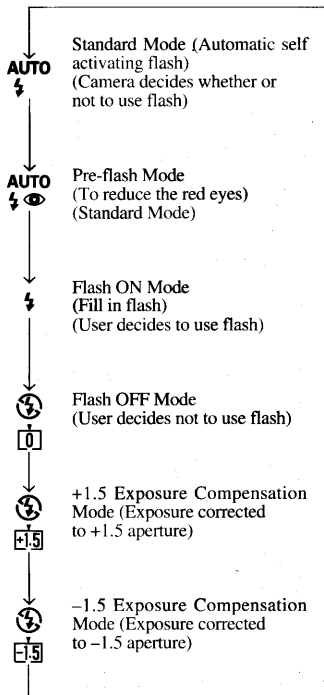
To rewind film manually (forced rewind) before the roll is finished.

- 1) Use the Strap Ring tip to press the Manual Rewind Switch ⑯. Film will begin to rewind.


Advanced Instructions

Using the Mode Switch-1

Pressing the Mode Switch-1  shifts the camera through the following modes.





- ★ Since all modes are fixed, you can continue to photograph in the mode once it is set.

- ★ When you have finished photographing, set it back to the  **AUTO**. Depress the Power Switch to close the lens, or reset with the Mode Switch-1.



1. Pre-Flash Mode (Fig. 14)

When a figure is photographed in a dark place, it often results in red eyes in the picture. To reduce this red eyed effect, the pre-flash function is used for firing a spare flash to make the pupil smaller just before shooting the final flash photograph.

- 1) Press the Mode Switch-1  until the Pre-flash Mode Symbol () appears on the display panel.
- ★ As the main flash will be activated about one second after the Pre-flash, please be careful not to move the camera during this time.



2. Daylight Flash (Fig. 15)

Daylight flash photography is effective for back-lit subjects, strong shadows or on cloudy days.

- 1) Press the Mode Switch-1  until the  symbol will appear on the display panel to indicate Flash ON Mode.
- 2) The flash will operate even in bright places.


3. Slow shutter Synch (Fig. 16)

In the Flash ON Mode, slow shutter speeds (up to 7.5 seconds) are used for available light.

- 1) Press the Mode Switch-1  until the  symbol appears on the display panel to indicate Flash ON Mode.
- 2) 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.
- ★ The use of a tripod is recommended to prevent the camera from shaking.


4. Flash OFF Mode (Fig. 17)

The flash does not fire in this mode. Use this mode for photographing in a museum where no flash is allowed, or shooting an evening or night view.

- 1) Press the Mode Switch-1 (21) until the  symbol appears on the display panel, to indicate Flash OFF Mode. The camera is now set for programmed AE photography at up to 7.5 seconds without flash.
- ★ If the Red Light (11) blinks when the shutter is pressed half way down, there is not enough available light for a correct exposure in Flash OFF mode.
- ★ Use of a tripod is often advisable in Flash OFF mode, to prevent blurring due to slow shutter speeds.


5. +1.5 Exposure Compensation Mode (Fig. 18)

When making your picture finished overall lighter, shooting a figure against the light, in a skiing ground, or photographing the shadow of a building under the very contrasty lighting to be brighter, this function is very effective.

- 1) Press the Mode Switch-1 (21) until the  symbol appears on the display panel. This causes the resulting picture to automatically over-exposed by 1.5 EV.

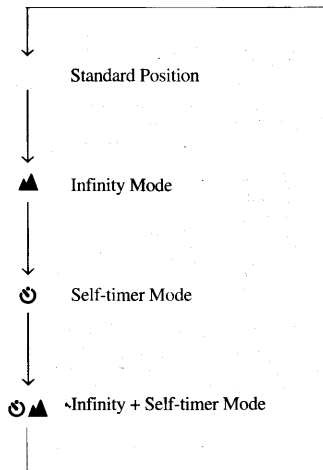
6. -1.5 Exposure Compensation Mode (Fig. 19)

When making your picture finished overall darker, shooting hazy distant view, a figure against black background, or a spot-lighted figure on stage, this function is quite effective.

- 1) Press the Mode Switch-1 (21) until the  symbol appears on the display panel. This causes the resulting picture to automatically under-exposed by 1.5 stop.

Using the Mode Switch-2


Pressing the Mode Switch-2 (20) shifts the camera through the following modes.




- ★ In the Mode Switch-2 modes, it returns to the standard position after each shot. It is necessary to reset the Mode Switch-2 each time.
- ★ All photographic modes can be selected.

1. Infinity Mode (Fig. 20)

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.

- 1) Press the Mode Switch-2 (20) until the Infinity Mode Symbol () appears on the display panel.
- 2) This will insure sharp focusing at very long range.


2. Self-timer Mode (Fig. 21)

- 1) Press the Mode Switch-2 (20) until the Self-timer Mode Symbol () appears on the display panel.

- 2) Set the camera on a tripod or steady surface, frame the picture, and press the Shutter Release Button. The Self-timer will start and release the shutter after about 10 seconds.
- ★ The Self-timer Light ③ on front of the camera will light for 7 seconds, and blink for the last 3 seconds before release.
- ★ Do not stand in front of the camera when starting the Self-timer. If you are blocking the lens, the shutter release will lock.
- ★ Focus and AE Lock may be used with the self-timer.
- ★ To stop the Self-timer before the picture is taken, press the Power Switch ①.
- ★ Self-timer photography requires a tripod.

3. Infinity + Self-timer Mode (Fig. 22)

When taking a long shot of night view or evening scene using a slow shutter speed, you can get a sharp, vibration-free photograph by placing the camera on a tripod and using this mode.

- 1) Press the Mode Switch-2 ⑳ until the Infinity + Self-timer Mode Symbol () appears on the display panel.
- 2) It is possible to take the Infinity shot using with Self-timer.

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.

Changing the Display Mode (Fig. 23)

Press the "MODE" Switch and select either date or time.

Adjusting Date and Time (Fig. 24)

- 1) Press the "MODE" Switch and the date or time will be displayed.
- 2) Press the "SELECT" Switch so that the date and time blinks.
- 3) Press the "SET" Switch to set the date or time.

- 4) Press the "SELECT" Switch again to return to start position.
- ★ When pressing the "SELECT" Switch after correcting minute, ":" blinks. Press the "SELECT" Switch once again to enter the copying state.
- ★ To correct time through second, press the "SET" Switch while ":" is blinking in time with the standard clock signal, and then press the "SELECT" Switch to enter the copying state.
- ★ Note that the date/time may not be clearly visible in the picture if that part of the photograph has a very light background. (Fig. 25)
- ★ Use the Strap Ring tip to press the switch.
- ★ Adjust the Auto-date display after replacing the battery.

Liquid Crystal Display

The LCD display darkens at high temperatures, and the response is slower at low temperatures. The LCD returns to correct operating characteristics at normal temperatures.

Notes on battery replacement

- 1) If two thirds of the Battery Power Symbol turn blank, continue taking pictures to finish the film before replacing the battery.
- 2) If the Battery Power Symbol turns completely blank, the shutter will lock and you will have to replace the battery with the film loaded. Replace the battery quickly (within 20 seconds).
- ★ When pressing the shutter release button after replacing the battery, the film will advance several frames; the frame counter then shows " 1 " and you can continue taking pictures.
- ★ If the battery is replaced near the end of the film, the frame counter will change to a blinking " 0 " and you will have to manually rewind the film.

Care of your camera

Damage from Water and Sand

When using your camera at the beach and lake, protect your camera from water and sand, it is impossible to detect the water spray or could of dust sticking around the camera, which is a major cause of many problems. We suggest the camera be taken out only when you shoot the subject, but otherwise be kept in a large plastic bag when time is spent at the beach and lake.

Damage from Liquid

Photographing at party is fun, but don't give your camera any soda, liquor or ice cream. Be careful with the glass in your hand if your camera is around your neck or hanging from your shoulder.

To use your camera in very warm weather

Do not leave the camera in a very hot environment for an extended period of time. Take your photos, and then return the camera to more normal conditions. Never leave the camera near the window of a car, or in the trunk or the glove compartment. Exposed film may change color if it is left for a long time in a very hot place. High temperature and humidity conditions can cause the film to become sticky, its emulsion surfaces to peel off, and its sensitivity to be impaired.

To use your camera in very cold weather

When you bring the camera back indoors, try to introduce it to the warmer environment as gradually as possible. If the temperature change is too sudden, the lens will cloud over, condensation will appear, and rust may develop.

If water has dripped onto the camera or if the camera has been exposed to a sea breeze, wipe it well with a dry cloth.

Do not leave the camera near the electric appliances such as a TV, or refrigerator.

Do not clean the camera body with alcohol, thinner or any other organic solvent. If it is stained, wipe it with a piece of dry cloth.

If your camera is damaged or does not operate properly, do not try to repair it yourself. Take it to the Konica service station. as high-voltage circuits are built in your camera, it could be dangerous to dissemble it yourself.

Specifications

Type	Fully automatic auto-focus 35mm lens shutter camera
Format	24 × 36mm
Lens	Konica Lens 35mm F3.5 (4 groups 4 elements), Built-in skylight filter
Shutter	Electronic programmed shutter, 7.5 — 1/360 sec.
Focusing	Infrared non-scan active type auto-focus system, effective range 0.35m (1.15ft) to infinity, Focus lock with shutter release half stroke
AE adjustment	Programmed AE with CdS photo cell used, Center weighted
AE coupling range	ISO 100; EV1 — EV17
Film speed	With DX film, auto setting ISO 25 to ISO 3200, with non DX film defaults to ISO 25
Finder	Bright frame direct view albada finder with auto-focus frame close-up parallax marks, Green light (auto-focus/focus lock, blinks when subject is out of range), Red light (auto-flash/flash ON mode, blinks in Flash OFF mode when available light is insufficient)
Flash	Flash operates automatically when shutter speed approaches limit for hand-held shooting, range (ISO 100) 0.35m (1.15ft) — 3.7m (12.1ft), recycle time about 4 sec. Flash range will be adjusted based on the distance and the film speed automatically, Flash charge symbol display on LCD panel.
Settings	Mode switch 1: AUTO flash → Pre-flash → Flash ON → Flash OFF (0) → Flash OFF (+1.5EV over-exposure) → Flash OFF (-1.5EV under-exposure) Mode switch 2: Infinity mode → Self-timer mode → Infinity & Self-timer mode
Self-timer	Electronic self-timer about 10 sec. delay, red LED lights for first 7 sec., then blinks for 3 sec., Cancel function provided
Film transport	Automatic film advance to first frame (with shutter release), auto wind after each frame, auto rewind at end of roll with auto-rewind stop, manual (forced) rewind feature
Frame counter	Additive type, LCD panel display
Auto-date (Auto-date only)	Built-in digital LCD display, Imprints time or date up to the year 2019, setting for date or time recording or cancel for no imprinting, adjustable to nearest second
Battery life	About 30 rolls with flash for half the exposure (24-exposure film)
Power source	Lithium battery (CR123A, DL123A:3V), battery power check on LCD panel
Size, weight	115 × 63 × 32mm (4.5 × 2.5 × 1.3"), 174g (6.1 oz) battery extra

Note: Specifications and design subject to change without notice.

Above data based on manufacture's tests.