

Fuji DL-400

Point and shoot
On-line camera manual

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On-line camera manual library

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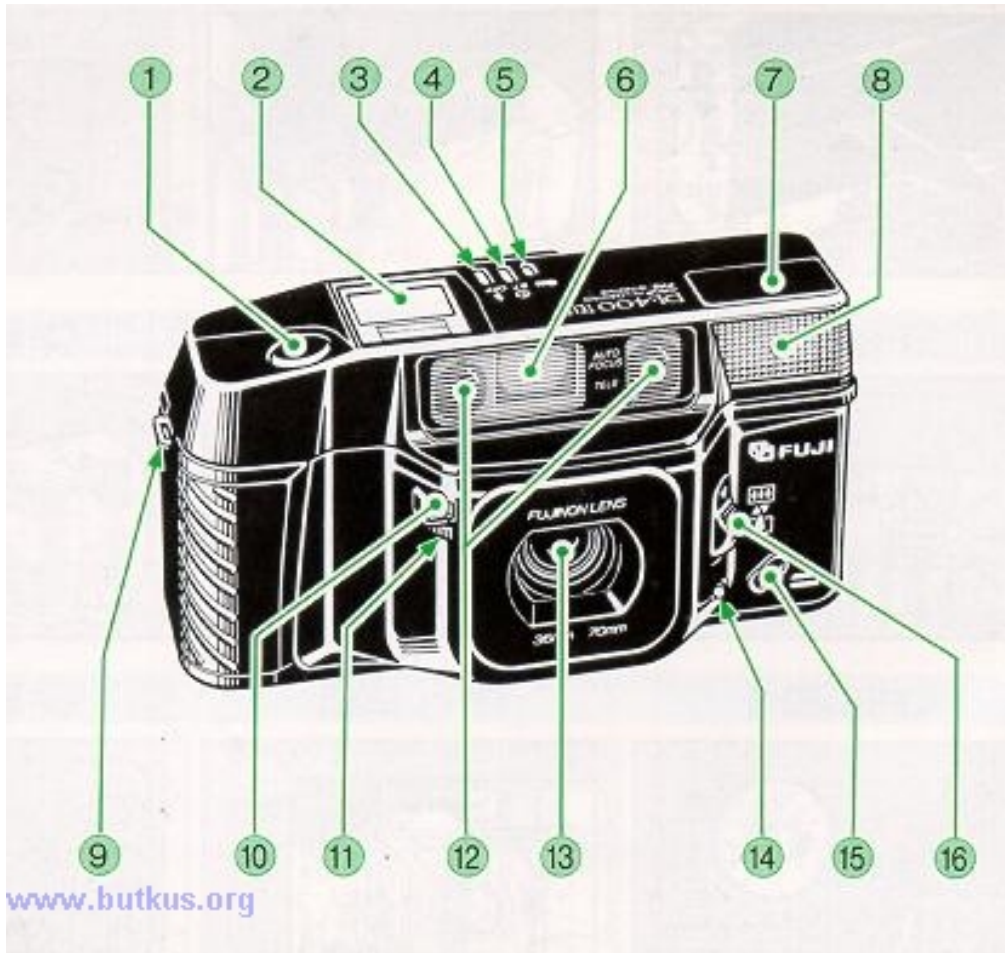
Your Fuji Compact Camera DL 400 Tele is a fully automatic bi-focal-lens camera that lets you switch automatically between wide angle and 2X telephoto and also allows you to take close range shots. Anyone can take perfectly exposed pictures with it any time, anywhere because it is provided not only with completely automatic functions but with signals that warn against shooting from too close to your subject or too far away in the case of flash pictures. It also has a landscape button that lets you take sharply focused sceneries - even through a window pane.

SPECIAL FEATURES

1. Motorized 2X - tele/wide switch over.
2. 50-cm nearest focusing distance; provided with warning against shooting from too close to or too far away from your subject.
3. Equipped with a landscape button for taking sharply focused sceneries - even through a window pane.
4. Simple, drop-in film loading plus efficient and safe film pre-wind system.
5. Automatic film speed setting from ISO 50 to 1600.
6. Automatic flash firing; provision for daylight flash and flash off; signal alerts you against shooting beyond the flash range.
7. Large size liquid-crystal display provides centralized, easy-to-read information. Exposure counter tells you at a glance the number of exposures you have left.
8. Powered by high performance lithium batteries.
9. Equipped with electronically controlled self-timer.

NAMES OF PARTS

- (1) Shutter Release
- (2) Liquid Crystal Display
- (3) Flash Off Button
- (4) Self-timer
- (5) Mid-roll Rewind Button
- (6)A Viewfinder Window
- (7) Flash Lamp head (automatically pops up when lens is switched to telephoto)



(8) Flash Diffuser (used with the lens on wide angle)

(9) Strap Lug

(10) AE Light Sensor

(11) Self-timer Lamp

(12) Auto-focus Windows

(13) Lens

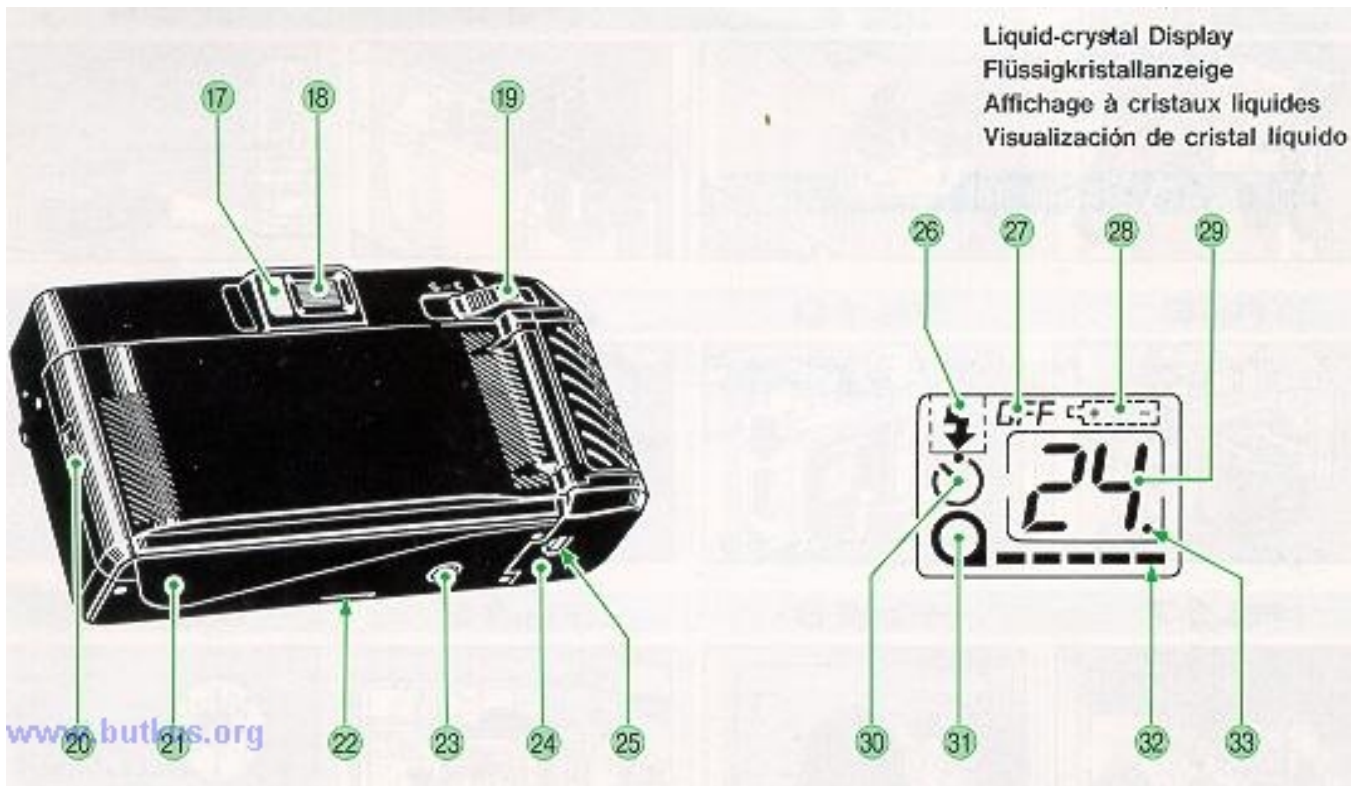
(14) Landscape Button

(15) Daylight Flash Button

(16) Tele/Wide Switch over Button

(17) Auto-focus Lamp (green)

(18) Viewfinder Eyepiece



(19) Lens Cover Button (Power Switch)

(20) Camera Back Lock

(21) Camera Back

(22) Accessory Slot

(23) Tripod Socket

(24) Battery Compartment Cover

(25) Battery Compartment Lock

(26) Flash Charging Mark

(27) Flash Off Sign

(28) Battery Check Mark

(29) Exposure Counter

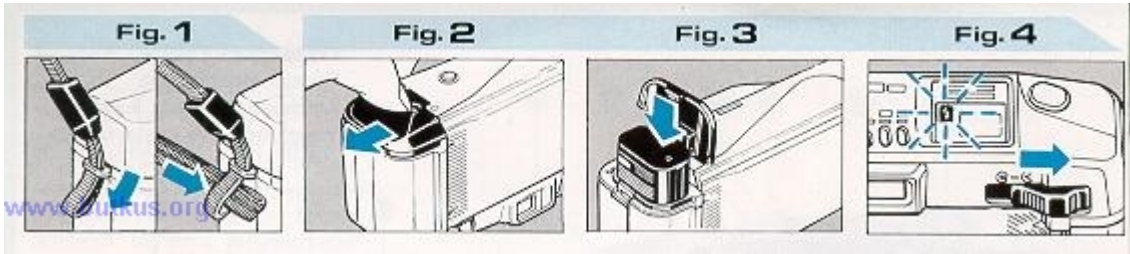
(30) Self-timer Mark

(31) Cartridge Loaded/Unloaded Mark

(32) Film Loaded/Transport Mark

(33) Charging Completed Mark

ATTACHING THE STRAP



* Pass the doubled end of the strap through the camera's Strap Lug. (Fig. 1)

* Next, pass the other end of the strap through the loop formed by the doubled end of the strap and pull it. (Fig. 1)

LOADING THE BATTERY PACK

* Be sure to use one of the following lithium battery packs.

Panasonic CR-P2P : 6V

Panasonic BR-P 2DP : 6V

National BR-P2N : 6V

Duracell DL 223A : 6V

1. Open the battery compartment cover (Fig. 2)

With your finger, push the Battery Compartment Lock lightly toward the arrow and open the Battery Compartment Cover.

2. Load the battery pack (Fig. 3)

Hold the Battery Pack with the contact side down and drop it into the Battery Compartment. Next, close the Battery Compartment Cover by pressing it down then sliding it back into place.

3. Check the battery pack (Fig. 4)

Open the Lens Cover. If the Flash Charging Lamp blinks on two or three times when the cover is opened and the Charging Completed Mark turns on, the Battery Pack is in good condition.

* If you take half of all your pictures with flash, one battery pack will expose about 1,000 frames (according to Fuji's battery testing conditions).

* Be sure to load the battery pack before loading film in the camera.

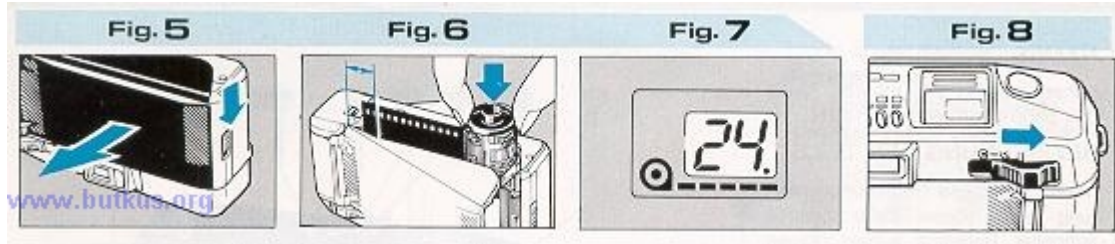
* Once you load the battery pack, do not unload it unless you are changing it with a new battery pack.

Unloading and reloading a partly used battery pack can cause the camera to be have erratically.

* If the battery power is low, the liquid crystal display will show the (3 mark temporarily and you won't be able to release the shutter. As soon as you see this mark, change the battery pack with a new set.

* Never dismantle the battery pack, throw it into a fire, recharge it, heat it, or cause it to short circuit.

LOADING THE FILM



1. Open the camera back (Fig. 5)

To open, push the Camera Back Lock up toward the camera top.

2. Load the film (Fig. 6) Just drop the film gently into the Film Chamber.

* If the length of film protruding from the cartridge is too long or too short, adjust it so that the film tip lies within the Film Tip Mark.

3. Close the camera back (Fig. 7)

As soon as you close the Camera Back, the Film Transport Mark will turn on and move, the film will wind itself up to the very end in about 16 seconds (in the case of a pre exposure roll), and the Exposure Counter will show the number of frames that you can take.

TAKING PICTURES

Focusing, exposure control, film transport, and flash firing are all automatic.

1. Open the lens cover (Fig. 8)

To open, push the Lens Cover Button all the way to the right.

* If you are not taking pictures, close the Lens Cover to prevent tripping the shutter inadvertently.

* The shutter won't trip unless the Lens Cover is fully open.

2. Set the Lens to telephoto or wide angle (Fig. 9, 10)



Just push the Tele/Wide Switch over Button down toward the camera bottom.

* When switching to telephoto, keep your hand away from the lens front.

* The size of the viewfinder image will change as you shift from one focal length to the other. At the same time, the Flash Lamp head will move up or down.

3. Look through the viewfinder and compose your picture (Fig. 11)

If your subject is close (0.5 m away with the lens on telephoto or 0.8 m away on wide-angle), frame your picture within the Parallax Correction Mark; and if it is 1.3 m or more away from the camera, you'll get in your picture all that you see within the outer bright frame.

* In close-range shots (within 0.8 m), parallax is automatically corrected in the viewfinder when the Shutter Release is pressed about halfway down. Before composing your picture, always press the Shutter Release about halfway down.

* **Hold the camera still**

Hold the camera still with both hands.

If you are shooting with the camera held vertically always position the flash side up.

4. Aim the auto-focus spot at your subject (Fig. 12)

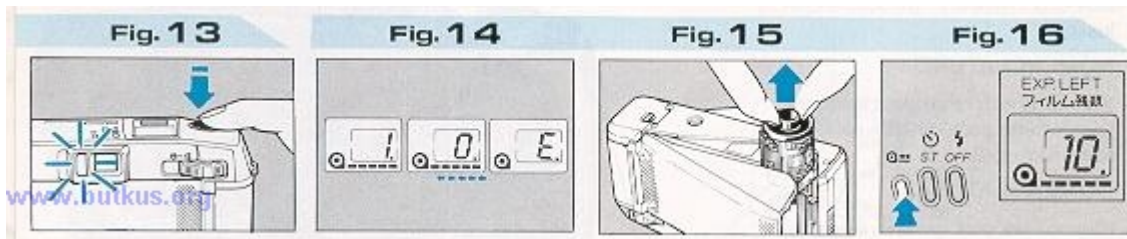
Aim the Auto-focus Spot (located in the center of the Viewfinder) at your subject. The Lens will automatically focus itself on the object at which the Auto focus Spot is aimed.

5. Press the shutter release about halfway down (Fig. 13)

If the Auto-focus Lamp (green) turns on when the Shutter Release is pressed about halfway down, the lens has completed focusing. But if the Auto-focus Lamp blinks and an audible electronic signal beeps you are too close to your subject.

* On telephoto, shoot from 0.5 m or more away from your subject, and on wide-angle, shoot from at least 0.8 m away.

* Though rarely, the lens may not be able to focus itself properly in the following situations:



6) If the subject is illuminated directly from the back; if it is illuminated by a very bright light source; if it is illuminated by strong reflected light such as light reflected from the front glass of a car.

(a) If your subject is a tuft of black human hair or any other black object that cannot reflect enough light.

(a) If you are shooting your subject through a glass window.

(A If the Auto-focus Spot is aimed at a strongly reflecting object such as a mirror or metal surface.

* To handle the situations just mentioned, use the Auto-focus Memory or the Landscape Button to take your picture.

6. Take your picture

To take your picture, just press the Shutter Release all the way down. As soon as the shutter trips, the film will automatically advance into position for the next shot.

END OF FILM

* Your camera will expose the film frames in descending order, starting from the highest-numbered frame, and rewind each frame into the cartridge as soon as it is exposed.

* You can unload the film as soon as the last frame (frame No. 1) is exposed and the motor stops because there is no need to rewind it.

* If the Camera Back is accidentally opened in mid roll, close it quickly. The film will automatically wind back into its cartridge as soon as the Camera Back is closed.

* If the Camera Back is accidentally opened in mid roll, all of the exposed frames, except the last, will be safe from light...

1. Exposing the last frame (Fig. 14)

As soon as the last frame (frame No. 1) is exposed, the Film Transport Mark will move to the led and the Exposure Counter will return to "0" then switch to "E" and the camera motor will come to a halt.

2. Unloading the exposed film (Fig. 15)

Make sure the Exposure Counter is showing the "En sign then open the Camera Back and take the film out.

* If the film is unloaded before the "E" sign appears in the Liquid Crystal Display, the next roll of film will not pre wind when it is loaded but will immediately return back into its cartridge.

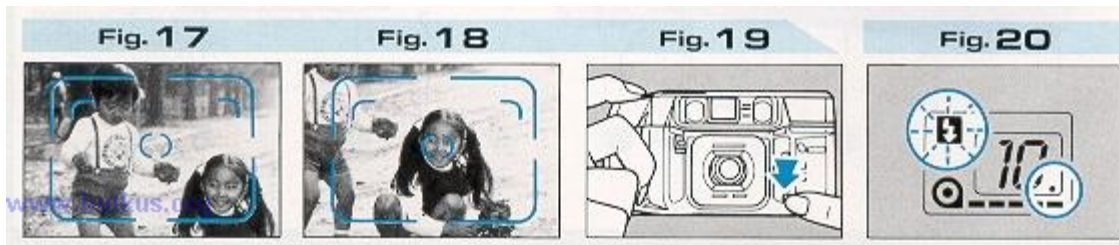
× Unloading the film in mid-roll (Fig. 16)

To unload the film in mid-roll, press in the Mid-roll Rewind Button, wait until the film has wound back into its cartridge then unload it.

USING THE AUTO-FOCUS MEMORY

1. If the center of your subject is an empty space ...(Fig. 17)

If the Auto-focus Spot is aimed at an empty space in your subject, the lens will not focus on your subject.



2. Move the camera slightly (Fig. 18)

Move the camera slightly to aim the Auto-focus Spot at something near the center of your subject, press the Shutter Release about halfway down and check to make sure the Auto-focus Lamp (green lamp) has turned on.

* You can use the Auto-focus Memory as many times as necessary before tripping the shutter.

3. Take your picture

While keeping the Shutter Release depressed about halfway down, move the camera back to recompose your picture then take it by pressing the Shutter Release all the way down.

* Using the landscape button (Fig. 19)

To take distant scenes or through-a-window-pane scenes, press down the Shutter Release while pressing in the Landscape Button. The flash will not discharge and your picture will be exposed by natural light.

* If you are taking near-range shots, take care not to press the Landscape Button inadvertently.

TAKING FLASH PICTURES

1. Automatic flash firing (Fig. 20)

In low light, the flash will discharge automatically to take your picture. As soon as the Flash Charging Mark (hi,) stops blinking and the Charging Completed Mark (lighting bolt) appears in the Liquid Crystal Display, you are ready to take another flash picture.

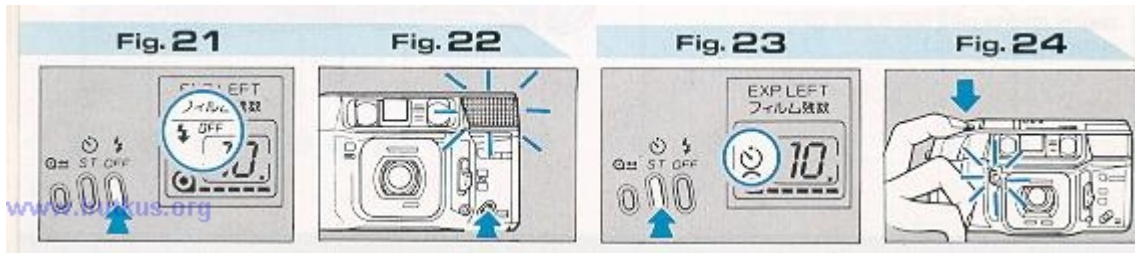
* The shooting range of the flash differs with the speed of the film that is used, the faster the film the longer the shooting range.

* Flash shooting range

* If your subject is beyond the flash shooting range, the Auto-focus Lamp (green lamp) will blink when

the Shutter Release is pressed about halfway down. If it blinks, check the subject distance and move up closer to your subject so that it is within the flash shooting range (see above table).

2. Shooting without flash (Fig. 21)



To take pictures in natural light, press in the Flash Off

Button so that the Flash Off Sign appears in the Liquid Crystal Display. To turn on the flash again, press in the Flash Off Button once more or close the Lens

Cover. I

* To take stage scenes, indoor sports and other subjects that are beyond the range of the flash, just shoot with the flash switched off.

3. Using fire flash as fill-in light (Fig. 22)

Pictures of people standing in front of a window or in the shade of a tree will usually turn out dark if they are taken without fill-in light. But the same pictures will turn out beautifully if they are taken with flash.

* To use the flash as fill-in light, just take your picture while pressing in the Daylight Flash Button.

USING THE SELF-TIMER

1. Set the self-timer (Fig. 23)

To set it, press in the Self-timer Button so that the Self-timer Mark appears in the Liquid Crystal Display.

2. Start the self-timer (Fig. 24)

To start it, just press down the Shutter Release. This will cause the lens to focus automatically on the object at which the Auto-focus Spot is aimed.

* To stop the Self-timer in mid-run, press in the Self-timer Button once again.

3. The shutter will trip In 10 seconds_

As soon as the Self-timer starts, the red Self-timer Lamp will turn on for seven seconds then start blinking f or 3 seconds, immediately after which the shutter will trip to take your picture.

* If the Self-timer Button is depressed for two seconds or more when there isn't any film in the camera and the Lens Cover is open, all the marks and signs in the Liquid Crystal Display will turn on simultaneously.

To turn off the marks and signs, just press in the Self-timer Button again or close the Lens Cover.

CAMERA FAULTS' POSSIBLE CAUSES: AND REMEDIES

Faults	Possible Causes	Remedies	Page
1. The shutter won't trip.	(1) The batteries are nearly spent and the (empty battery) mark is showing in the Liquid Crystal Display. (2) The Lens Cover is not fully open.	(1) Change the battery pack with a new one. (2) Push the Lens Cover Button all the way to the right.	8 9
2. The Exposure Counter blink; the shutter won't trip or the loaded film returns to its cartridge.	You unloaded a partly used roll of film without winding it back into its cartridge. (2) You loaded the film before loading the battery pack.	(1) Close the Camera Back then press in the Mid-roll Rewind Button (the camera motor will run for five seconds). Repeat until all the marks and signs in the Liquid Crystal Display show up simultaneously then close the Lens Cover. That's all. (2) Always load the battery pack before loading the film.	9
3. The film wound back into its cartridge in the middle of the roll.	(1) You either opened and closed the Camera Back or moved the Camera Back Lock while taking pictures or while the film was pre winding. (2) You removed the battery pack then loaded it again when there was film in the camera.	(1) Do not open the Camera Back or move the Camera Back Lock when there is film in the camera. (2) If there is film in the camera, do not take out the battery pack for more than 10 minutes. Always change the battery pack as fast as you can.	9
4. The camera is loaded with film and the Camera Back is loose but the Film Transport Mark does not move.	* You did not load the film correctly.	* Reload the film correctly.	
1. The picture looks fuzzy.	(1) You didn't aim the Auto-focus Spot correctly. (2) The lens is not clean. (3) You shook the camera when you pressed down the Shutter Release.	(1) Aim the Auto-focus Spot correctly or use the Auto-focus Memory. (2) Keep the lens clean at all times. (3) Hold the camera still when you trip the shutter.	
2. The picture looks dark.	(1) You took your picture against the light. (2) Your subject was beyond reach of the camera's flash.	(1) Use the Daylight Flash Button to provide fill-in light. (2) Take your flash pictures within the specified distances.	

CAMERA CARE, ETC.

1. Your camera is a precision instrument which requires careful handling. Avoid shock and do not wet it or drop it on the floor.
2. If you are not using your camera for a long interval, keep it where it will be safe from heat, dust, and moisture.
3. Remove soil and dust from the lens glass, auto focus windows, and viewfinder window with an air blower and by wiping lightly with a piece of soft, lint-free cloth. If that is not enough, wipe off gently with Fuji Lens Cleaning Paper moistened slightly with Fuji Lens Cleaning Fluid.
4. In hot weather, do not leave your camera in a closed car or on an ocean beach, and do not leave it in moist places except temporarily for a very short time.
5. In case of malfunction, do not try to repair the camera yourself because it is equipped with high tension circuits.
6. Always use your film before the expiration date printed on the film box.
7. Take your exposed film to your photofinisher for processing and printing as soon as possible.

SPECIFICATIONS

Film

135 OX roll film.

Picture Size

24X36mm.

Lens

Fujinon Bifocal Lens, motorized tele/wide

Switch over.

Wide-angle (normal): $f=35\text{mm}$, 1:3.5,

3 components, 3 elements.

Telephoto (2X) : $f = 70\text{ mm}$, 1: 6.7,

6 components, 7 elements.

Viewfinder

Albada (bright frame), parallax correction marks, 0.4X magnification (wide-angle), 0.72X magnification (telephoto), 82 % field of view; automatic viewfinder switch over for wide-angle, telephoto and close range shooting; auto-focus lamp (green lamp next to viewfinder eyepiece).

Focusing

Active type auto-focus, auto-focus memory, 0.8 m \sim x (wide-angle), 0.5 m \sim = (telephoto), automatic close-range shooting,

auto-focus lamp (turns on when focusing is completed), lamp blinks and audible electronic signal alerts you when the camera is too close to the subject, landscape button (lens to long distance).

Shutter

Programmed electronic shutter. (\sim /,0 \sim 1/250 sec.)

Exposure Control

Automatic, EV 7~16 (wide-angle) and EV 8.9~17.9 (telephoto) coupling ranges with ISO100 film.

Film Speed Setting

Automatic with ISO 50—1600 DX films.

Film Loading

Drop-in (automatic threading). Film advance Automatic (motorized), film pre-wind system, rewinding unnecessary, provision for mid-roll rewinding...

Liquid Crystal Display

LCD shows exposure counter (number of exposures left), cartridge loaded mark, film loaded/film advance mark, self-timer mark,

flash charging signal, flash off mark, battery checker, flash ready mark.

Built-In Flash

Flash automatically fires in dim light; flash lamp head automatically pops up when lens is switched to telephoto, automatic light-distribution switch over for wide-angle and telephoto.

Flash Range

Wide-angle ISO 100 :0.8 - 4m
ISO 400 : 0.8 - 8 m
ISO 1600: 0.8 - 10 m

Telephoto ISO 100 : 0.5 - 3 m
ISO 400 : 0.5 - 6 m
ISO 1600: 0.5 -12m

* Electronically controlled flashmatic operation, green warning lamp blinks when subject is too far for shooting with flash, about 3 sec. recycle time.

*** Self-timer**

Electronically controlled. about 10 sec. interval, can be stopped in mid-run, provided with Self-timer on" indicator lamp.

Battery

Lithium battery pack (Panasonic CR-P2P 6V, BRP2DP 6V, National BR-P2N 6V, or Duracell DL 223A 6V) provides power for exposing about 1000 frames if half of that number is taken with flash.

Others

Built-in lens cover (lens cover also serves as shutter safety lock), tripod socket.

Dimensions & Weight

139.5x73.5x55.5mm, 323g

Notice: Specifications are subject to change without notice.