

Canon

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Canon

TOP SHOT TOP SHOT QUARTZ DATE

SURE SHOT SUPREME SURE SHOT SUPREME QUARTZ DATE



E
English Edition

INSTRUCTIONS

Nomenclature

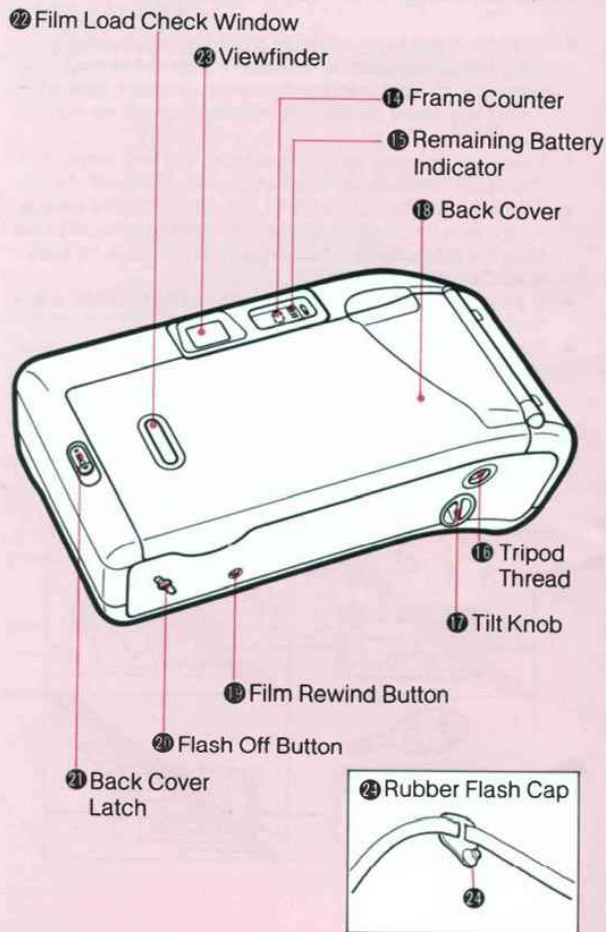
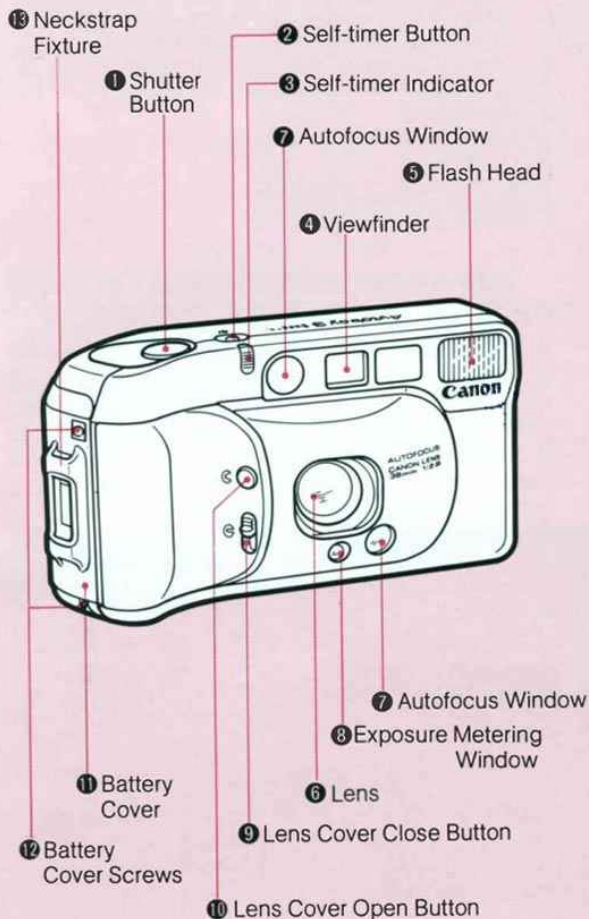


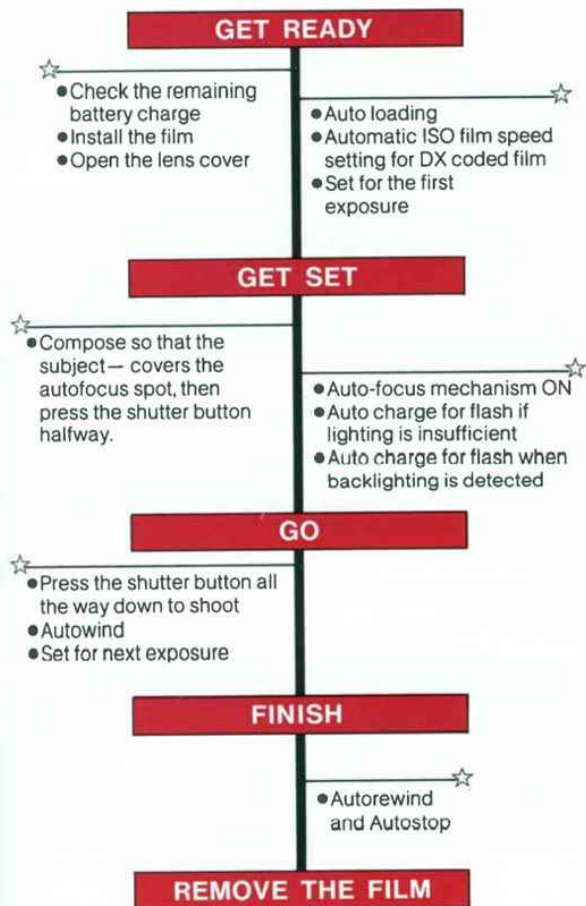
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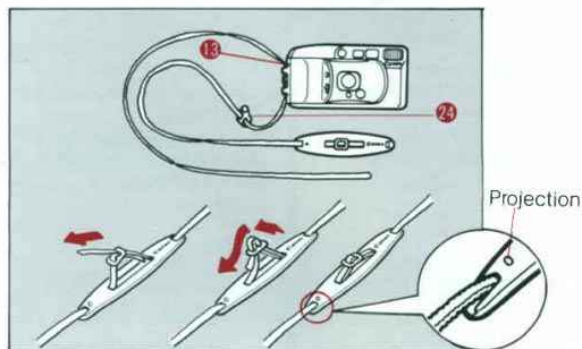
For those who have bought the TOP SHOT/SURE SHOT SUPREME "Quartz Date" camera, additional information for date imprinting functions are provided. Please refer to it, too.

It is a good idea to acquaint yourself with the camera by first taking some pictures without any film loaded in the camera. Load the camera with film once you feel comfortable with all operations.

Basic Operation

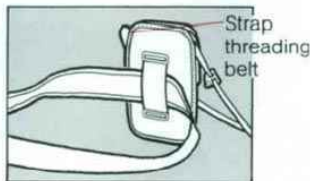
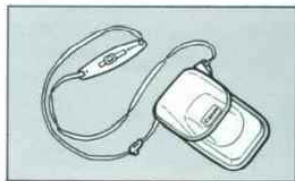


Neckstrap and Case

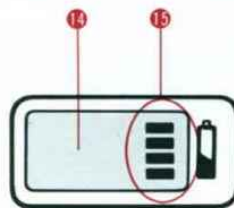


Attach the neckstrap to the neckstrap fixture 18 as illustrated. The projection on the neckstrap's rubber pad can be used to press the manual rewind button 19 or Quartz Date's setting adjustment button. You can also carry the camera by attaching the case to your belt as illustrated. You do not need to worry about forgetting or losing the case — just use the strap threading belt.

- Refer to "Flash-on Photography" (P.19) for the use of the rubber flash cap 24.



1. Checking the Remaining Battery Charge



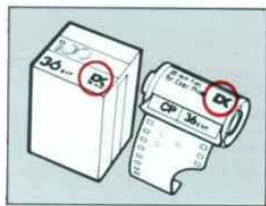
This camera uses a lithium battery (2CR5, 6 V). Check the remaining battery indicator 15 on the frame counter 14 on the back cover.

You can shoot as long as at least two bars are showing.

- Four bar marks are indicated for a new lithium battery, and as the battery discharges the number of bar marks decreases.
- Never remove the battery other than when replacing it with a new one.

When only one bar mark is indicated, or five years after purchase, replace the battery according to the instructions on p. 25.

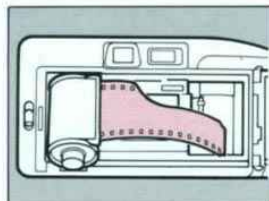
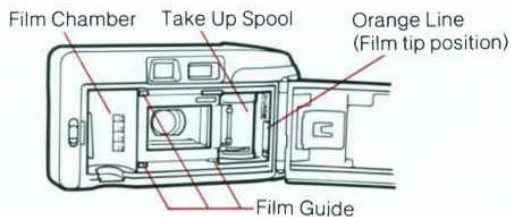
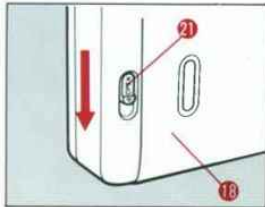
2. Loading the Film



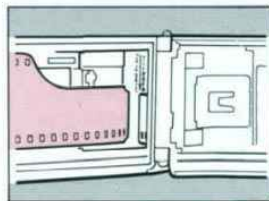
The shutter will not release if film is not correctly loaded.

- Which film should be used?
Use DX coded film. The camera sets film speed upon sensing the film's DX code.
- The camera sets film speeds of ISO 50, 100, 200, 400, 800 or 1600. If you use reversal film (slide film), use only ISO 50, 100, 200, 400. When you use film without DX coding, only use ISO 100 film.

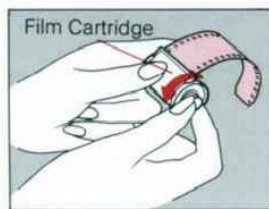
- 1) To open the back cover 18, press the back cover latch 21 down in the direction of the arrow.



- 2) Place the film cartridge as illustrated.

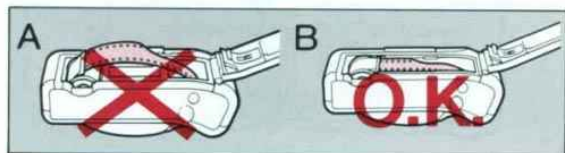


- 3) Pull the film leader across the back of the camera until its tip is aligned with the orange index.

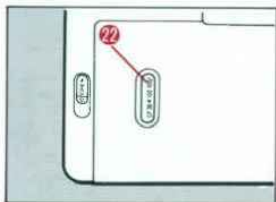
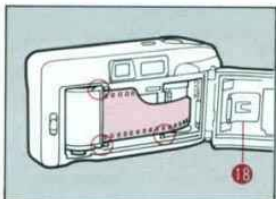


- If the film leader extends past the orange line, take out the film cartridge and manually wind the excess film back into the cartridge.

- Place the film cartridge in the film chamber as shown in illustration B.

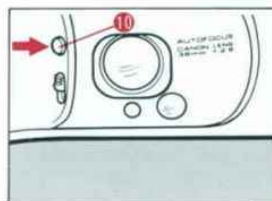


- 4) Make sure that the film leader is between the film guides and close the back cover 18. The camera will then advance the film.

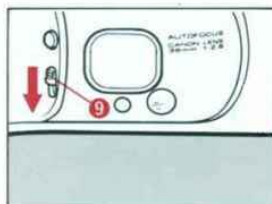


- If a flashing "0" appears in the frame counter, the film has not advanced correctly. Reload the film. (In this case the shutter is locked.)
- You can confirm film loading through the film load check window 22.

3. Opening the Lens Cover



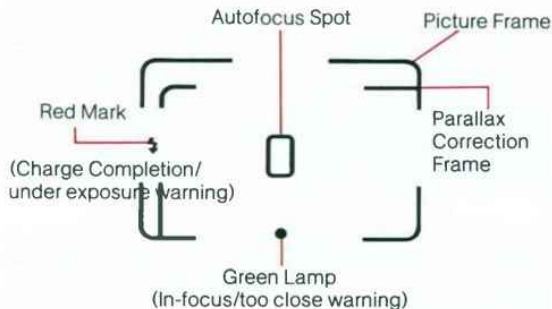
Press the lens cover open button 10 to open the lens cover.



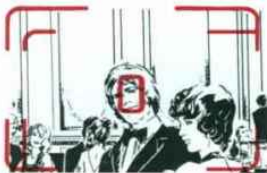
To close it, press the lens cover close button 9 down in the direction of the arrow.

- Shooting is impossible, and there is no frame counter display, unless the lens cover is fully open.
- Be sure to close the lens cover when the camera is not in use to keep dust out of the lens and to avoid accidental battery consumption.

4. Shooting

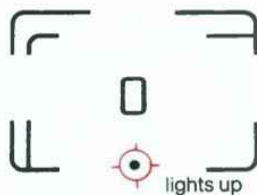


You can enjoy taking good pictures with ease with the autofocus function.



- 1) Look through the viewfinder ② and compose the picture so that the main subject fills the autofocus spot.

- The subject is focused when you press the shutter button halfway. If you press the shutter button halfway before filling the autofocus spot with the subject, the picture will be out of focus.
- Be sure to cover the autofocus spot with the subject completely.
- The shooting range is from 0.55 m (1.8 ft.) to infinity, so please shoot from at least 0.55 m (1.8 ft.) from your subject.



- 2) Gently press the shutter button ① halfway and confirm that the green ranging completed lamp lights up.



- 3) If the green lamp does not blink, press the shutter button all the way down to shoot.



- When the green lamp blinks, it means that you are too close to your subject (closer than 0.55 m); at a distance less than 0.35 m the green lamp lights steadily. If so, take your finger off the shutter button and move back to a distance where the green lamp does not blink when you press the shutter button down halfway.



- Hold the camera in both hands with one or both elbows steadied against your body.
 - Be sure the lens ⑥, autofocus windows ⑦, exposure metering window ⑧ and flash ⑤ are not blocked by your fingers or hair. Press the shutter button ① gently to avoid blur caused by camera shake.
- 4) After you take your finger off the shutter button, the camera advances the film. The frame counter ④ will also increment by one.

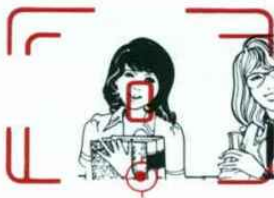
(or: How to focus when you do not want your subject in the center of the viewfinder.)

Normally, in order for your subject to be correctly focused it must cover the autofocus spot in the center of the viewfinder. If you want to compose the picture so that your main subject is not covering that spot, follow these steps.



- 1) Look into the viewfinder ② and compose the picture.

- 2) Then center the main subject in the viewfinder so that it covers the autofocus spot.



- 3) Confirm that the green lamp lights steadily (without blinking), while pressing the shutter button **1** HALFWAY.



- 4) Still pressing the shutter button halfway, recompose the picture so that your subject is where you want it to be, all the while watching that the green lamp stays lit. Be careful not to change the shooting distance.

- 5) Then press the shutter button all the way down.

- Please note that the prefocusing will be cancelled once you take your finger off the shutter button.
- There are a few types of subjects for which the autofocus system is not well suited. They include:
 - (1) Highly reflective subjects (ex. the exterior of a car).
 - (2) Subjects which have little or no reflectance (ex. black hair).

For these types of subjects, it is best to prefocus. Follow the steps for prefocusing listed on page 15, but in step 2, compose the picture so that a substitute subject, which is the same distance from you as the main subject, covers the autofocus spot.


- When you photograph a subject through glass, either press the camera to the glass surface, or shoot at a 20° or more angle with the glass.



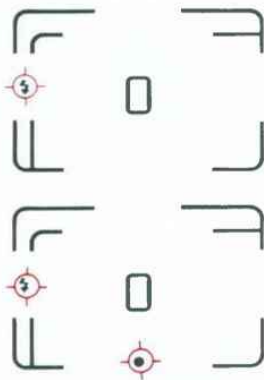
Auto Flash Photography

You never fail to capture any shutter opportunity, because when it is not bright enough, the flash operates automatically.



- 1) When you press the shutter button halfway, the red mark  flashes briefly, then, after approx. a 1.2 sec. flash charging time, lights up with the green lamp (in-focus indicator) again, indicating that the camera has finished the flash charge.
- 2) Press the shutter button all the way down to shoot.

- Shutter release is locked until flash charge is finished.




- Distance range for autoflash photography is:
(using negative color film)

ISO 100	0.55—4.5 m (1.8—15 ft.)
200	0.55— 6 m (1.8—20 ft.)
400	0.55— 8 m (1.8—26 ft.)
1000	0.7 — 12 m (2.3—47 ft.)
1600	1.0 — 15 m (3.3—50 ft.)

Automatic Fill-in Flash



This camera switches to flash photography for dim or backlit subjects. When you take a picture of a person in front of a bright window or with the sun behind them, for example, automatic fill-in flash assures the face of the person will not be underexposed.




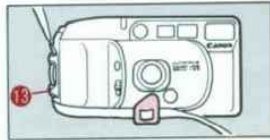
- Distance range for automatic fill-in flash photography is 0.55 m (1.8 ft.) — about 2.5 m (8 ft.).
- Shutter release is locked until the red mark  lights up in the viewfinder, after the camera has detected a backlit situation and finished the flash charge.

der, after the camera has detected a backlit situation and finished the flash charge.

Flash-on Photography

To use the flash in any lighting situation, shoot with the rubber flash cap  attached to the exposure metering window . You may get better results with indoor photography, when, for example a room is too bright for the auto-flash.

1. Attach the rubber flash cap to the exposure metering window as shown.
2. Take-up the extra slack between the rubber flash cap and the neckstrap fixture .



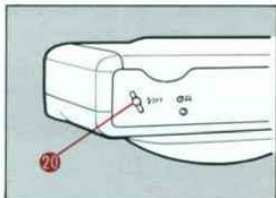
3. Shoot auto-flash photography as usual.

- Be careful not to loosen the neckstrap or attach the rubber flash cap upside down because this may cause shadows in your photos. Attach the rubber flash cap carefully.
- For the flash-on photography distance range, see auto-flash photography (p.18).

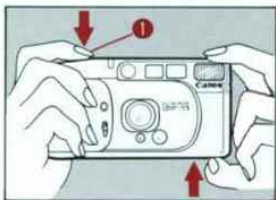
Disabling Flash Photography

When you want natural-looking pictures of, for example, sunsets or night scenes without flash, or when shooting stage or other photography where flash is not allowed, you can disable the flash as follows:


- 1) While pressing the "flash off" button 20 on the bottom of the camera, look into the viewfinder pressing the shutter button halfway and check that the green lamp (in-focus indicator) lights up.

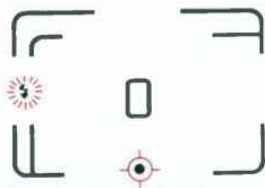


- 2) If the green lamp does not blink, still pressing the "flash off" button, press the shutter button all the way down to shoot.



- Be sure to press the "flash off" button before pressing the shutter button, and keep it pressed until the shutter is released.
- When you want continuous disabled flash photography, keep the "flash off" button pressed.

- When the red mark  (camera shake warning) in the viewfinder blinks during disabled flash photography, be careful to shoot holding the camera steady, to avoid camera shake.



Close-up Photography

Autofocus close-up photography up to 0.55 m (1.8 ft.) is very convenient for recording your hobbies: flowers, your fishing catch, etc ...



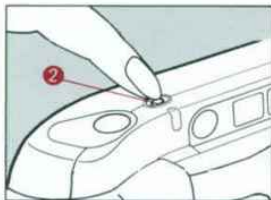
- 1) For close-up subjects between 0.55 m (1.8 ft.) and 1 m (3.3 ft.) compose the picture so that the subject is within the viewfinder's parallax correction frame. Be sure that the subject you want to shoot completely covers the autofocus spot.

- If you can not cover the autofocus spot with the subject you want to shoot, we recommend that you pre-focus with something which is the same distance from you as your subject. Then recompose the picture and press the shutter button.

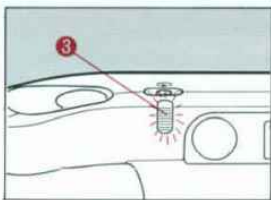
Self-timer Photography

Use the self-timer when you want to be in the picture too.

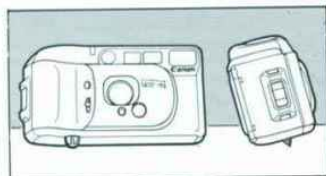
- 1) Look into the viewfinder (28) and cover the autofocus spot with your main subject. Press the self-timer button (2) and confirm that the green lamp (in-focus indicator) lights up steadily.



- 2) As soon as you press the self-timer button (2), the red self-timer indicator (3) starts to blink. The shutter will be released ten seconds after the self-timer button is pressed. Two seconds before shutter release the lamp blinks at a faster rate.

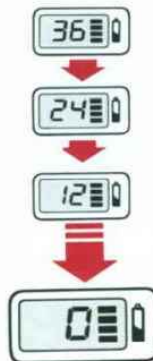


- You can confirm shutter release by checking that the red self-timer lamp is off and the sound of film winding has stopped.
- If you will be the main subject, compose the picture so that a substitute subject, which is the same distance you plan to be, covers the autofocus spot.
- If you have started the self-timer and wish to cancel it before shutter release, close the lens cover.
- When you take self-timer photography, put the camera on a flat surface and use the tilt knob on the bottom of the camera as needed (see illustration).



5. Removing the Film

This camera starts to rewind the film a few seconds after the film reaches the end of a roll. During rewind, the frame counter (14) counts down. Film rewind stops when the roll is completely rewound.

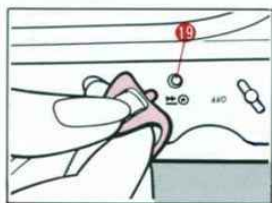


- 1) Make sure that the frame counter is on "0".

- 2) Open the back cover and remove the film cartridge.

- If you take more than the number of shots specified on the roll of film, the last frame or two may be cut off in the developing process.

6. Rewinding from the middle of a roll



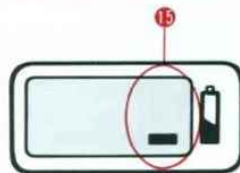
If you want to remove the film before reaching the end of a roll, press the film rewind button **19**.



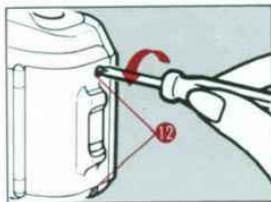
- After making sure that the frame counter **13** is on "0", open the back cover **18** and remove the film.
- Press the film rewind button using the projection on the strap's rubber pad.

Replacing the battery

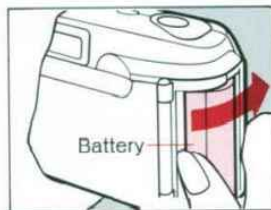
If only one of the remaining battery indicator's **15** bar marks is left, or five years after purchase replace the battery as follows.



- When next to last bar mark disappears while in the middle of a roll of film, replace the battery after finishing and removing the film from the camera.
- Never remove the battery from the camera except to replace the old battery with a new one.



- 1) Remove the battery cover screws **12**, using a precision screwdriver, and remove the battery cover.



- 2) Hook your thumb against the side of the battery and lift upward, then pull the battery out.



3) Insert a new lithium battery (2CR, 6 V) as illustrated.

4) Replace the battery cover.

- If you replace the battery, four bar marks are displayed on the remaining battery indicator. If four bar marks do not appear, remove the battery and replace it again.
- Replace the battery only when no film is loaded.

Operating Precautions

1. When you load the film, "O" flashes in the frame counter.

(Cause)

- The film is not loaded correctly.

(Countermeasure)

- Open the back cover, reload the film correctly and confirm that "1" is displayed in the frame counter. (→ P.9)

2. When you press the shutter button halfway, the green lamp blinks.

(Cause)

- You are too close to the subject.

(Countermeasure)


- Move back more than 0.55m (1.8ft.) from the subject. If the green lamp does not blink when you press the shutter halfway, release the shutter. (→P.13)

3. The shutter does not release.

(Cause)

- ① Flash charge is not finished.
- ② Lens cover is closed.
- ③ The film is not loaded correctly. ("O" flashes in frame counter.)

(Countermeasure)

- ① Release the shutter after the red mark  (indicating flash charge is finished) lights up. (→P.18)
- ② Open the lens cover and confirm display in the frame counter. (→P.11)
- ③ Reload the film correctly. (→P.9)

4. Next to the last bar mark disappears while in the middle of a roll of film.

- Battery power is waning.
- You can shoot to the end of the roll. But, be sure to replace the battery after removing the film. (→P.25)

Liquid crystal

Liquid crystal is used in the display area, and in other places for imprinting. Lack of contrast, or blur, in the digital display may occur after five years of normal use. If this should occur, please contact an authorized Canon Service facility for replacement (at owner's expense).

Specifications

TYPE: 35 mm lens shutter camera with automatic film loading, film advance, rewind, and exposure, autofocus and autoflash.

FORMAT: 24 × 36 mm

LENS: Canon 38 mm f/2.8. Construction: 4 elements in 4 groups; spectra coating.

LENS COVER: Open position: shooting is possible.
Closed position: shooting is impossible.

FOCUSING: Canon ACTIVE auto-focus system.

SHOOTING DISTANCE RANGE: 0.55 m (1.8 ft.) to infinity (∞).

SHUTTER: Programmed electromagnetic shutter; also serves as diaphragm blades.

VIEWFINDER: Reverse Galilean Mark finder.

Magnification: 0.45x.

Information includes autofocus spot, picture frame with parallax correction frame, in-focus/too close warning (green LED) lamp, and charge-completion/underexposure warning (red LED).

PREFOCUS: Possible by pressing the shutter button down halfway.

FILM LOADING: Automatic: equipped with blank exposure mechanism.

FILM REWINDING: Automatic rewind starts at the end of the film and stops automatically upon completion. Rewind from the middle of a roll is also possible.

BACK COVER: Opened by pressing back cover latch.

FRAME COUNTER: 7-segment LCD indicator (two-digit) on the back of the body. Forward-counting type; counts back with film rewind; reset when the back cover is opened. When the film does not advance properly, the counter displays a blinking "0" and shutter release is locked.

FILM LOAD CHECK: By film load check window.

SELF-TIMER: Built-in electronic self-timer; starts by pressing the self-timer button. Provides a 10 sec. delay. A blinking red LED on the front of the body indicates operation.

AUTOMATIC EXPOSURE COUPLING RANGE: EV6 (f/2.8 at 1/8 sec.) to EV17 (f/16 at 1/500 sec.) with ISO 100 film.

FILM SPEED SCALE: DX code sensor sets film speed of ISO 50, 100, 200, 400, 800 or 1600.

BUILT-IN FLASH: Automatic. Flash operates when subject luminance is below a certain level. Automatic daylight flash when backlighting is detected. Flash use in any lighting conditions is also possible with a rubber flash cap.

AUTO FLASH SHOOTING DISTANCE RANGE: 0.55 m (1.8 ft.)—4.5 m (15 ft.) with ISO 100 negative film.

FLASH RECYCLING TIME: About 1.2 seconds.

FLASH OFF: Manually set, using the flash-off button.

COLOR TEMPERATURE: Same as daylight.

POWER SOURCE: One lithium battery (2CR5, 6V).

Battery life: About 5 years or 50 rolls of 24 exposure film: Based on Canon's standard test method (using flash 30% of the time.)

Battery check: 4 segment indicator on the LCD panel on the back of the body. Remaining battery charge is indicated at 4 levels.

TILT KNOB: Allows the body to be tilted up to 16.5°.

DIMENSIONS: 132 (W) × 71 (H) × 50 (D) mm
(5-3/16 × 2-13/16 × 1-15/16 in.)

WEIGHT: 315 g (11-1/8 oz.) with battery.

Subject to change without notice.