

# Canon



**CANON INC.**

9-9, Ginza 5-chome, Chuo-ku, Tokyo 104, Japan

**CANON U.S.A., INC.**

10 Nevada Drive, Lake Success, Long Island, N.Y. 11040, U.S.A.

**CANON U.S.A., INC., MANHATTAN SERVICE STATION**

600 Third Avenue, New York, N.Y. 10016, U.S.A.

**CANON U.S.A., INC., CHICAGO OFFICE**

457 Fullerton Avenue, Elmhurst, Illinois 60126, U.S.A.

**CANON OPTICS & BUSINESS MACHINES CO., INC.**

3113 Wilshire Blvd., Los Angeles, California 90010, U.S.A.

**CANON AMSTERDAM N.V.**

Gebouw 70, Schiphol Oost, Holland

**CANON LATIN AMERICA, INC.**

Apartado 7022, Panama 5, Panama

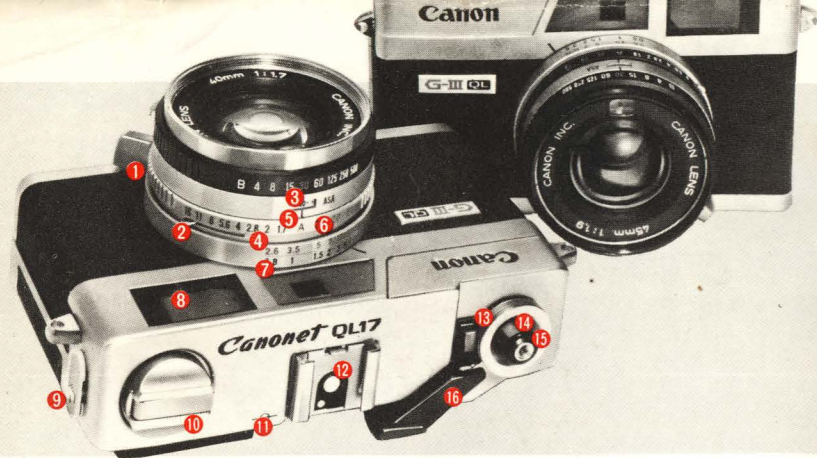
PUB. T-IE1003B 1272M06 PRINTED IN TAIWAN



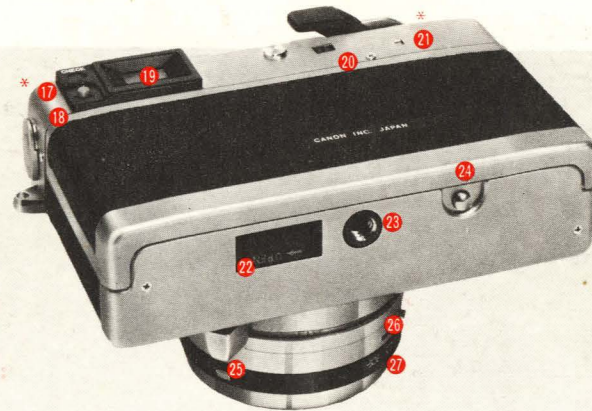
**How to Use  
Your**

**Canonet  
G-III 17/19**

English Edition



- |                                   |                             |
|-----------------------------------|-----------------------------|
| ① Focusing Lever                  | ⑨ Flash Socket Safety Cover |
| ② Selftimer Lever                 | ⑩ Film Rewind Crank         |
| ③ Shutter Speed Ring              | ⑪ Film Plane Indicator      |
| ④ AUTOMATIC/MANUAL Aperture Ring  | ⑫ Accessory Shoe            |
| ⑤ ASA Film Speed Indicator Window | ⑬ Frame Counter             |
| ⑥ Automatic EE Mark               | ⑭ Shutter Release Button    |
| ⑦ Focusing Ring                   | ⑮ Cable Release Socket      |
| ⑧ Viewfinder Window               | ⑯ Film Advance Lever        |

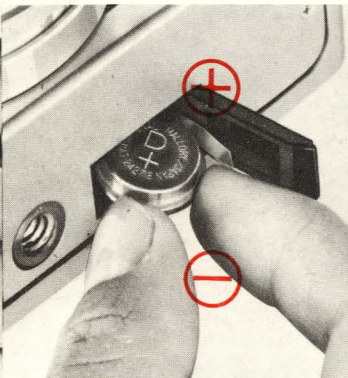
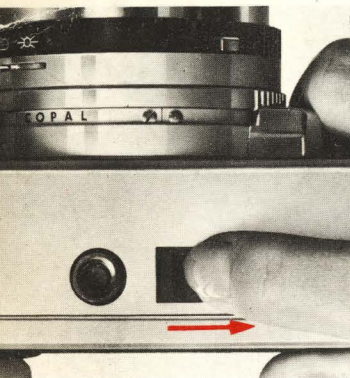


- |                               |                               |
|-------------------------------|-------------------------------|
| * ⑰ Blue Lamp                 | ⑳ Film Rewind Button          |
| ⑱ Battery Check Button        | ㉑ Bulb Exposure Setting Lever |
| ㉒ Viewfinder Eyepiece         | ㉒ Film Speed Setting Lever    |
| ㉓ Film Transport Indicator    | ㉓ Simple Exposure Symbols     |
| * ㉔ Film Wound-up Indicator   |                               |
| ㉕ Mercury Battery Compartment |                               |
| ㉖ Tripod Socket               |                               |

\* Exclusive to G-III 17 model.



## Mercury Battery Loading



Before using your Canonet G-III, load it with the mercury battery.

To open cover of the battery compartment, insert fingernail in open slot, sliding cover in direction of arrow. By using a slight pull outward, the cover will hinge open.

Insert the battery on the tab in the compartment.

■ Be sure the mercury battery is inserted only in the correct direction.

■ A 1.3v M20 (#625) mercury battery should be used—equivalent to Mallory PX-625, Eveready EPX-625.

Press cover to close.

## Replacing Battery

When replacing the mercury battery, open the cover of the mercury battery compartment and pull out the tab. The battery can then be easily removed.

■ When the camera will not be used for long period, remove the battery.

## Battery Checking

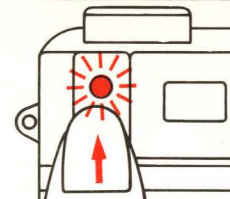


Turn the automatic/manual aperture ring, releasing it from "A" position, and set it for manual control of aperture. In this case, any f/stop can be set.

### In case of Canonet G-III 17

Press the battery check button (colored red). If the blue lamp lights up, the battery has sufficient power. Otherwise, the battery should be replaced.

### In case of Canonet G-III 17



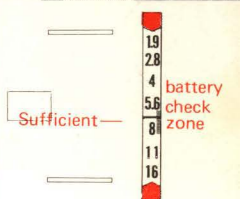
### In case of Canonet G-III 19

Look through the viewfinder; then press the battery check button. If the exposure indicator inside the viewfinder positions in the blue zone, the battery has sufficient power. Otherwise, it should be replaced.

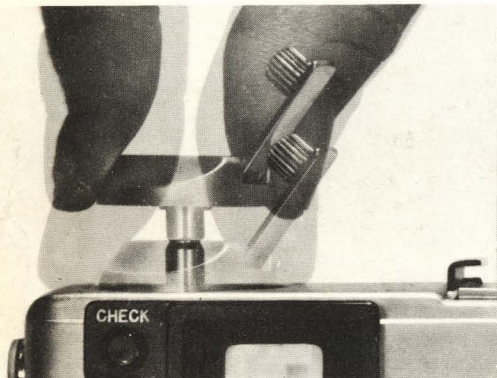
■ The battery check button will not light up at temperatures of  $-15^{\circ}\text{C}$  ( $5^{\circ}\text{F}$ ) or under. Camera will work, however, if the battery has sufficient power.

■ The Canonet G-III 17 has no blue zone.

### In case of Canonet G-III 19

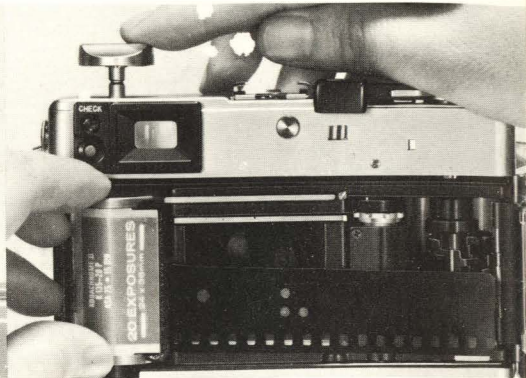


## Film Loading

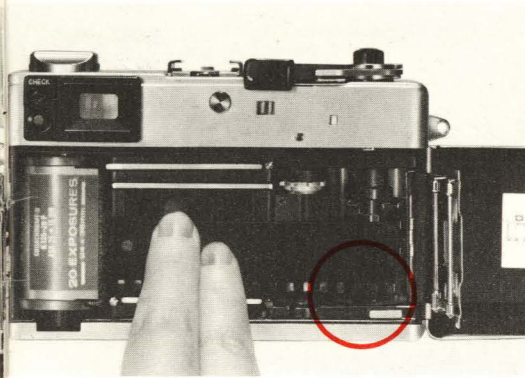


Canon's Exclusive Quick-Loading (QL) mechanism in the Canonet G-III accepts any standard 35mm film roll in cartridge. When loading new film, always avoid direct sunlight.

To release the latch of the back cover, raise the film rewind crank, and pull it all the way up.

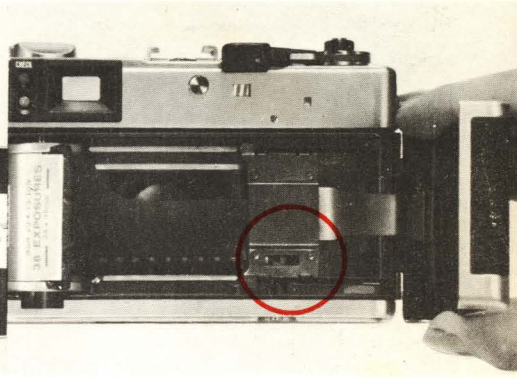


Open the cover fully. When the back cover is opened, the QL cover opens simultaneously. Face the film cartridge as illustrated in line drawing inside back cover, and insert it into the cartridge compartment. Push crank back to its normal position.



Lay the tip of the film leader above the "amber" film set mark.

■ The QL cover automatically opens and closes with the back cover. Do not touch the QL cover.



Bring down the QL cover to hold the film in place by closing the back cover.

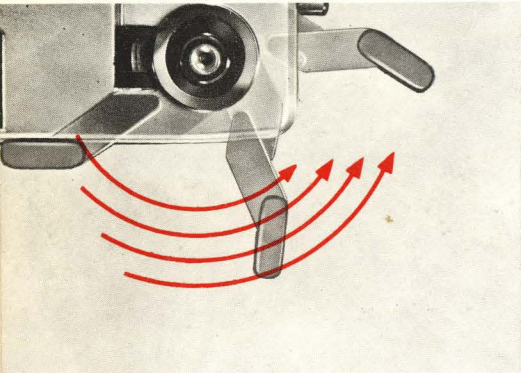
Look through the sprocket window to see if the film is correctly engaged with the sprocket.

■ If the film is sagging, turn the film rewind crank clockwise.

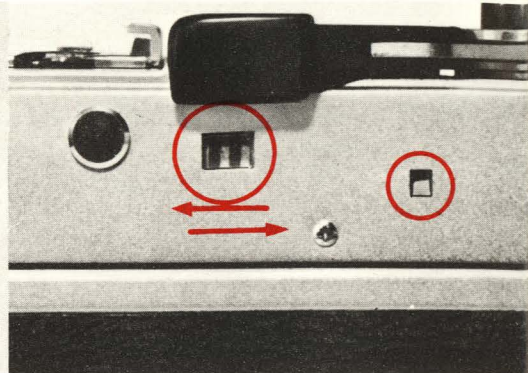
Close the back cover completely.



## Pre-Settings



Wind the film advance lever three or four times until it stops. The first frame is now automatically in position.



### Checking Correct Film Loading

The film is properly loaded and advanced if the film transport indicator flickers when you wind the film advance lever.

### Checking Proper Winding Film (G-III 17)

The film is wound up if the color of the film wound-up indicator turns red. The indicator turns white when the shutter is released.



### Film Speed Setting

Immediately after loading film, be sure to set the ASA film speed scale in the proper position by pressing the notched film speed setting lever with your fingernail, matching the proper film speed number with the index of the ASA film speed indicator window.

■ The higher the film speed number, the more sensitive the film; the lower it is, the



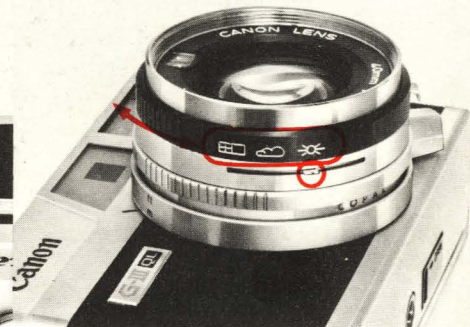
less sensitive. The ASA 200 film is better for shooting at low light level, than the ASA 100 film.

# Automatic Electric Eye Photography



For Automatic Electric Eye photography, set the aperture ring at "A" position.

■ The EE mechanism is fully coupled to the ASA film speed, the shutter speed and the aperture.



## Shutter Speed Adjustment

Turn the shutter speed ring, and match the film speed setting lever with the simple exposure symbol of either sunny ☀, cloudy ☁, or indoor 🏠. With ASA 100 film for example, the shutter speeds are set at 1/500 sec. for sunny ☀, 1/125 sec. for cloudy ☁ and 1/30 sec. for indoor 🏠.



## Focusing

While looking through the viewfinder, turn the focusing lever. The subject is in focus when the double image merges into one precise image in the center of the viewfinder.

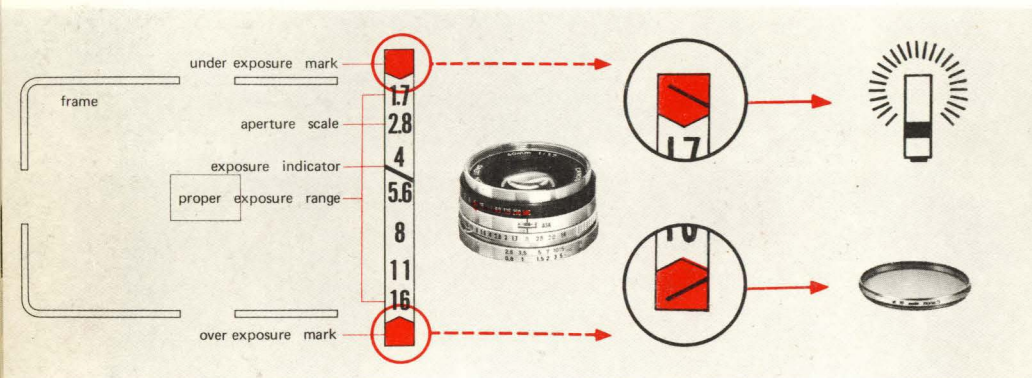


Out of focus



In focus





### Checking the Exposure Indicator

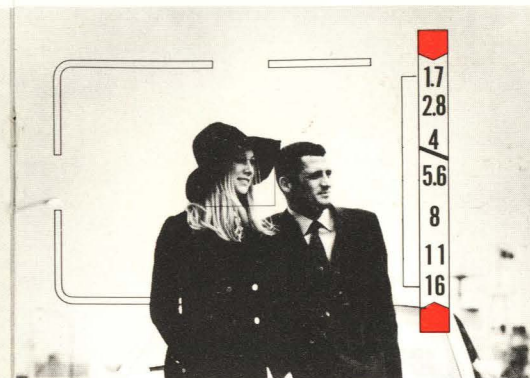
Point the camera at the subject and check the position of the exposure indicator inside the viewfinder.

Press the shutter button if the indicator is inside the proper exposure range.

■ The shutter cannot be released if the exposure indicator is either over or under the exposure warning mark.

■ If the indicator points to the under exposure warning mark, turn the shutter speed ring clockwise until the indicator moves to the proper exposure range, or use Canolite D or other flash units.

■ If the indicator points to the over exposure warning mark, turn the shutter speed ring counterclockwise until the indicator moves to the proper exposure range, or use an ND filter.



Compose the Picture within the Frame. The field-of-view which will appear on the film can be seen within the rectangular frame.



Press the Shutter Button gently to snap picture.

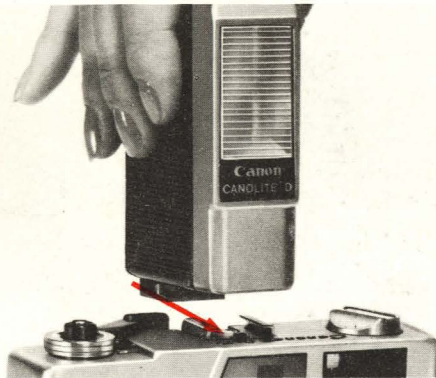
## Automatic Flash Photography—Using Canolite D



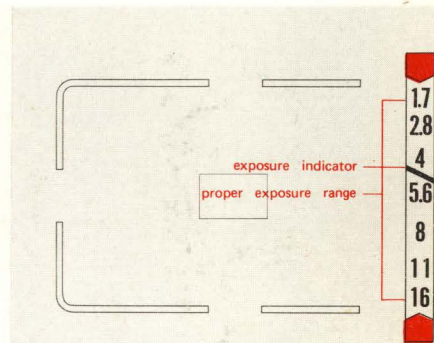
The Canolite D is an optional electronic flash unit with direct contact exclusively designed for the Canonet G-III. There is absolutely no necessity for worrying about guide numbers. Night or indoor photography is now as easy as daylight photography using the Canolite D.



By simply attaching the Canolite D, the camera, while set at "A", is switched over to the automatic flash control circuit, and the proper f/stop corresponding to the shooting distance is automatically set.



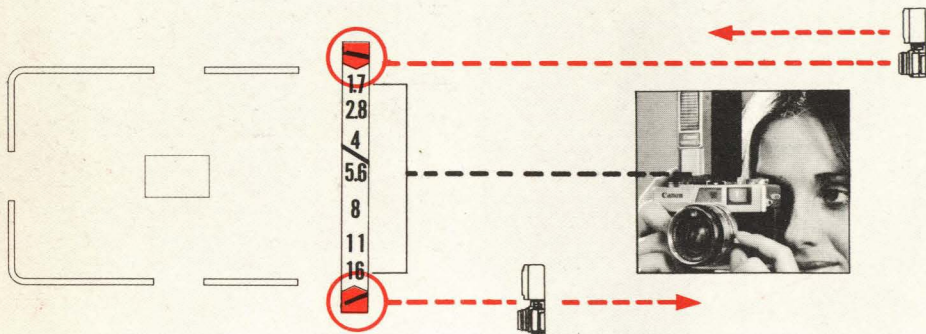
- Power Source: Two 1.5v alkaline AA batteries.
- Size: 26 x 57 x 82 mm (1" x 2-1/4" x 3-1/4")
- Weight: 115 grams (4 oz.)



Check the Exposure Indicator in the Viewfinder.

- When it is within the proper exposure range, press the shutter release button.





■ If the exposure indicator is within the red mark, the subject is too far or too close. Adjust focusing distance until indicator shows the proper exposure.

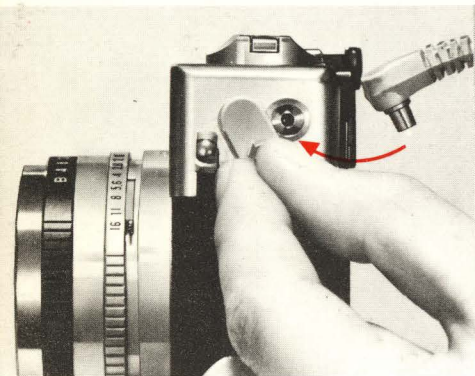


Press the Shutter Button gently to snap picture.

■ With the Canolite D, any shutter speed can be used.



## Using Conventional Flash Units



The Canonet G-III has a socket for conventional type flash units.

Attach flash unit to the accessory shoe of the camera, and connect the cord of the flash unit to the flash socket of the camera.



Select correct blue number (14, 20, 28)\* engraved on the aperture ring, matching with guide number of flash unit.

With flash unit, set shutter speed at 1/30 sec.

With electronic flash unit, any shutter speed can be used.

* 14(m)		20		28
45(ft.)	55	65	78	92



■ Do not use flash bulb (or unit) with following types of film because it does not couple properly.

Flash bulb of guide number 14 with ASA 25 film, guide number 20 with ASA 800, and guide number 28 with ASA 400 or higher speeds.

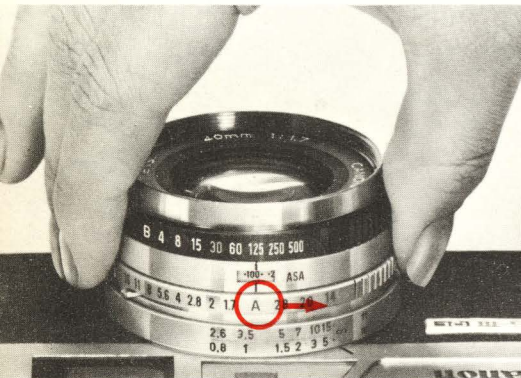


■ In flash photography using a conventional electronic flash unit or flash bulb when the proper f/stop is set according to the guide number, there is a heavy drain on the mercury battery. Therefore, be sure to return the aperture ring to "A" position after shooting.

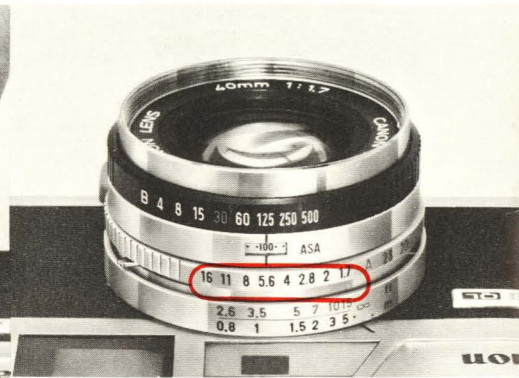
■ When the subject is too far or too close, shutter button cannot be depressed.



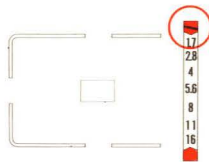
## Manual Control of Aperture



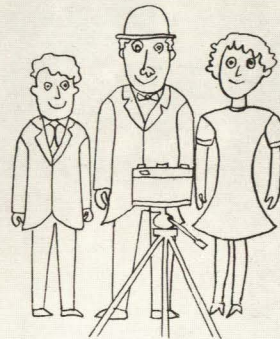
For manual control of aperture, release aperture ring from "A" position. The shutter speed and f/stop can be freely set for achieving specialized technical effects. With the Canonet G-III, special effects in high key or low key can be obtained in the same manner as with high-grade cameras.



■ In manual exposure control, the position of the exposure indicator is in the upper red mark.



## Using Self-timer

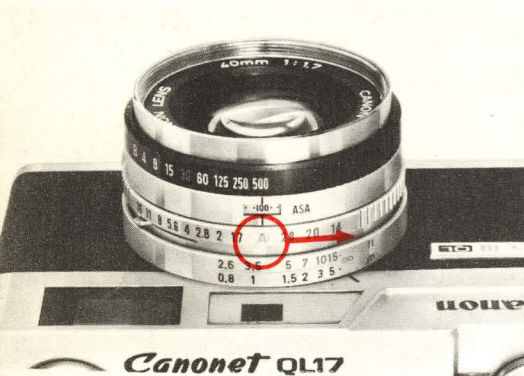


The Canonet G-III has a built-in self-timer. To operate the self-timer, turn the self-timer lever in the direction of the arrow until it stops. The shutter will be released approximately 10 seconds after the shutter button has been pressed.



■ The self-timer also operates when taking pictures with flash units.  
 ■ If the self-timer lever is set, do not return it to normal position. It is automatically returned, after the picture is snapped.

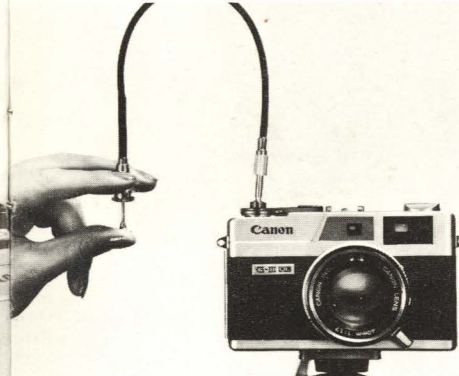
## Bulb Exposure



Bulb exposure is used when taking pictures with long time exposures. Release the aperture ring manually from "A" to the desired f/stop.



Set the shutter speed ring at "B" position, at the same time, pressing down on the bulb setting lever.



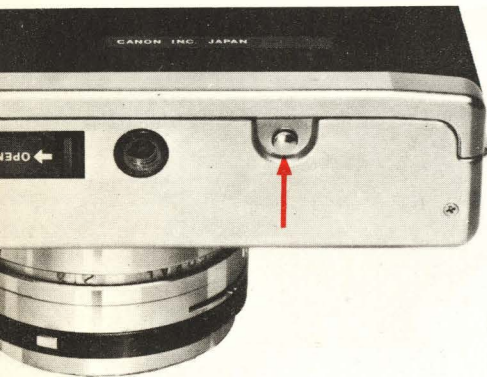
Press the shutter button gently. The shutter will remain open as long as the shutter button is pressed and will close when the shutter button is released.

■ When an extended time exposure is being made, use the Canon Release, and tripod, to avoid blurred pictures.



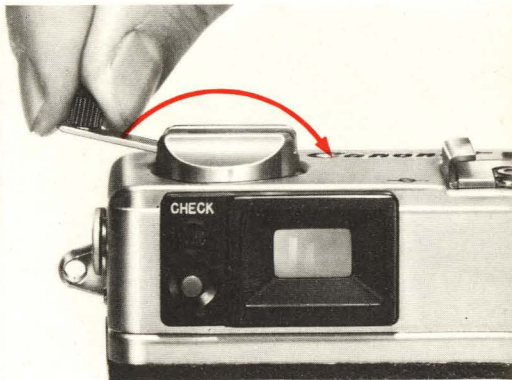


## Film Rewinding

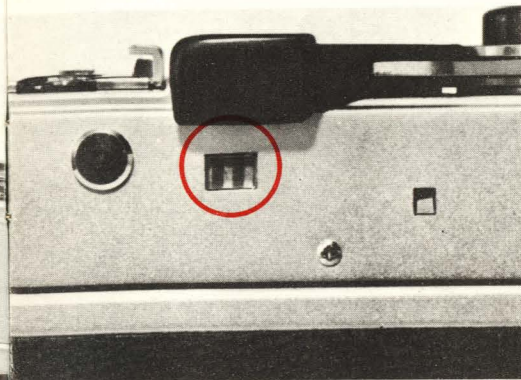


When the film reaches the end, and the film advance lever stops, rewind the film into the cartridge as soon as possible. Be sure not to open the back cover before rewinding. Otherwise, the entire roll will be exposed, and ruined since the film will be exposed within the camera.

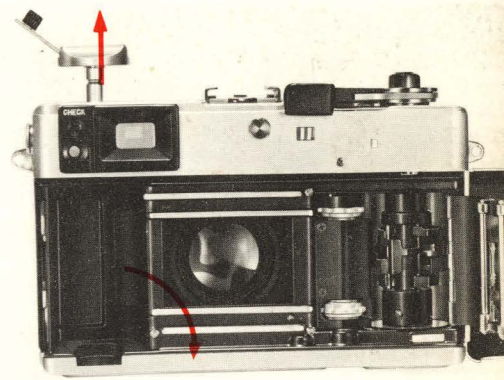
To rewind, press in the rewind button.



Raise the film rewind crank, turning it in the direction of the arrow, until the film is completely rewound in the cartridge.



Watch the film transport indicator, and stop rewinding when red and white lines cease to flicker.



## Film Removing

Open the back cover by pulling up the rewind crank fully, and remove the film cartridge.

## Technical Data

### Canonet G-III 17

**Type :** 35mm lens shutter type camera with Electric Eye.

**Picture Size : 24mm X 36mm**

**Lens:** Canon Lens 40mm F1.7. 6-element 4-component construction, with four newly designed glasses. Spectra coated in amber and purple.

**Viewfinder:** Viewfinder combined with rangefinder, bright frame with automatic parallax correction, aperture scale, exposure indicator and over/under exposure warning marks.

**EE Mechanism :** Built-in exposure meter with CdS cell for fully automatic exposure control. Shutter speed priority system. ASA 25 to 800 (DIN 15 to 30). With ASA 100 film, EV 3.5 (f/1.7 at 1/4 sec.)—EV 17 (f/16 at 1/500 sec.). Powered by one 1.3v M 20 (# 625) mercury battery. Battery checker built in.

**Manual Control of Aperture:** Possible at any desired f/stop by releasing EE mechanism.

**Shutter :** Between-the-shutter. Shutter speeds from 1/4 to 1/500 sec. and B. Automatically sets aperture, self-cocking combined film/shutter wind, self-timer, X synchronization.

**Flash Contact:** Accessory shoe with direct contact exclusive for Canolite D and conventional flash socket.

**Canolite D:** Exclusive electronic flash unit designed for use with Canonet G-III with direct contact for cordless type. When performing flash photography, it is not necessary to worry about guide numbers or to calculate f/stops. Automatic setting of proper f/stop is possible as the EE circuit is coupled to the shooting distance. Canolite D is powered by two 1.5v alkaline AA batteries.

**Flash-Auto Mechanism for Other Flash Units :**  
Aperture openings coupled to shooting distance at guide numbers 14, 20, 28 (m) with ASA 100. Shutter button is locked when it is outside the coupling range.

**Film Loading:** Canon-developed QL (Quick Loading) mechanism. Accepts any standard 35mm film in cartridge.

**Film Advance:** Single-stroke 127°. Film transport and wound-up indicators built in.

**Frame Counter :** Resets automatically.

**Size :** 120 X 75 X 60mm (4-3/4" X 3" X 2-3/8")  
**Weight :** 620 grams (1 lb. 5-7/8 oz.).

### Canonet G-III 19

Similar to G-III 17 with the following exceptions.

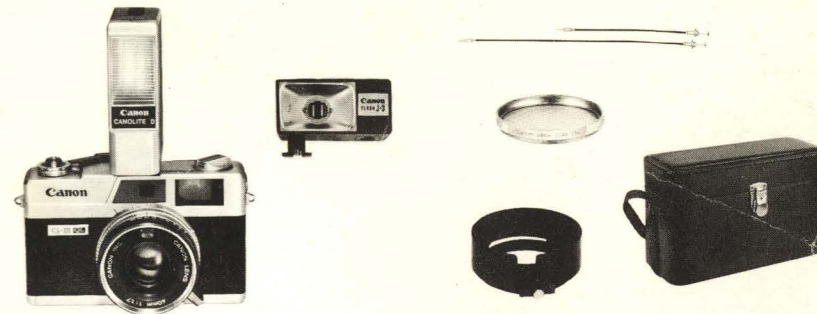
**Lens:** Canon Lens 45mm F 1.9 5-element 4-component construction. Spectra coated in amber, purple and magenta.

**EE Mechanism:** With ASA 100 film, EV 3.8 (f/1.9 at 1/4 sec.)—EV 17 (f/16 at 1/500 sec.).

■ With no film wound-up indicator and blue lamp built in. Subject to alterations.

Subject to alterations.

## Accessories



- Lens Hood 4
- Canolite D
- Flash J-3
- Canon Release 30
- Canon Release 50

- Filter 48 mm  
(Y1, Y3, O1, G1, R1, UV, ND-4, ND-8  
Skylight, CCA 4, 8, 12, CCB 4, 8, 12)
- Gadget Bag IV
- Hard Case for Canonet G-III