



English Edition

Canon 110ED



INSTRUCTIONS

Thank you for purchasing the Canon 110 ED, a pocket-size camera for 110 cartridge film equipped with the newest date imprinting mechanism which permits imprinting of day, month, and year on the horizontal edge of the film. Please read the instructions before using the camera so that you will avail yourself of its many features.

Specifications

Lens: Canon lens 26mm f/2, with 5 elements in 4 groups.

Focusing: Rectilinear movement of the lens coupled to the rangefinder.

Distance Scale: 0.6, 1, 3, 10m and ∞ with zone focus marks.

Shutter: Electric shutter. 8 sec.~1/500 sec.

EE Coupling Range: With ASA 80, EV-1 (f/2, 8 sec.)~EV17 (f/16, 1/500 sec.)

Film Speed Scale: ASA 80.

Automatic Flash Mechanism: Automatic flash with Canolite ED.

Viewfinder Information: Field-of-view frame with parallax correction marks, over-exposure warning lamp (right, red), and LED camera shake warning lamp/battery checker (left, yellow). The lamp keeps lighting during long exposure.

Film Winding: Single stroke film advance with sliding knob.

Film Loading: Cartridge insertion.

Back Cover Opening: By sliding knob on body back.

Protector Cover: Sliding cover on front body. Shutter button safety lock mechanism.

Accessory Shoe: With direct flash contact.

Date Mechanism: Date imprinting mechanism. Date is set with switch dials on left side.

Date Indications:

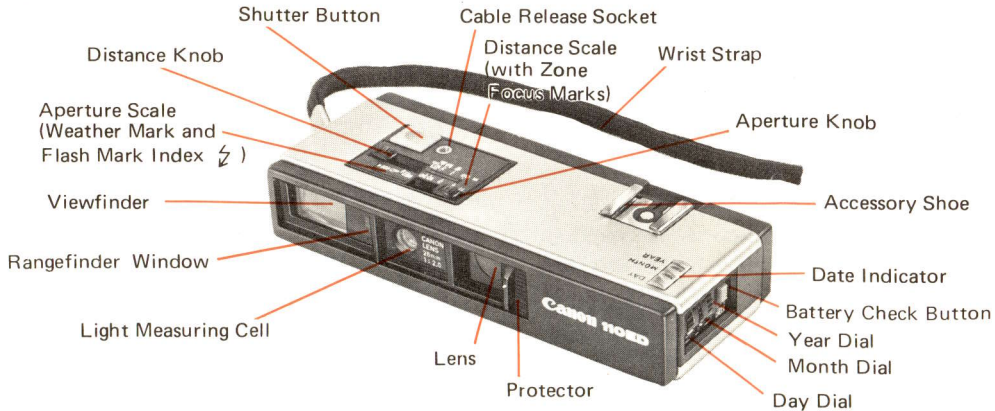
Year-0~9, 74~84, ☐ (blank space)

Month-1~12, ☐

Day-1~31, ☐

Dimensions and Weight: 142 x 55.5 x 28mm (5-9/16" x 2-3/16" x 1-1/8") 295g (10-1/2oz)

Accessories: Canolite ED, Soft Case, Releases 30, 50, Selftimer 8 (Cannot be used when camera shake warning lamp lights up.)



Film Winding Knob

Tripod Socket

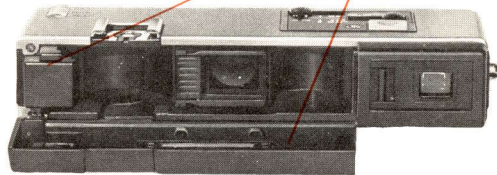
Battery Chamber Cover

Back Cover

Film Type Indicator
and Frame Counter

Back Cover Opening Knob

Eyepiece



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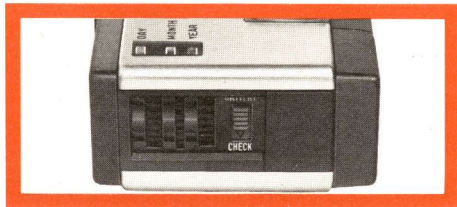
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Photography in Eight Easy Steps

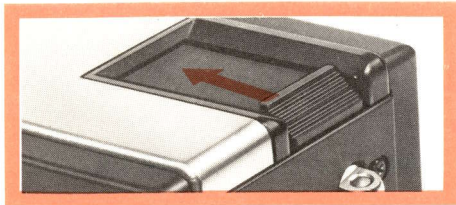
1 Insert film cartridge.



2 Set the date.

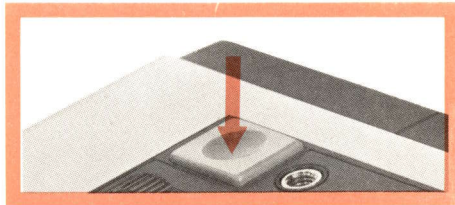


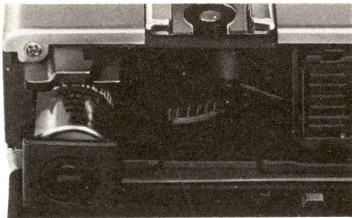
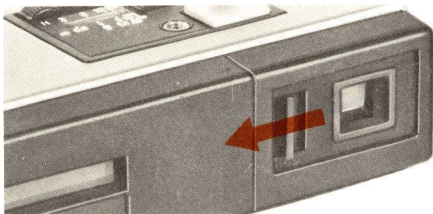
6 Wind the film.



7 Compose the picture.

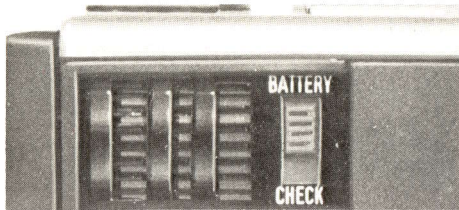
8 Press the shutter button.





How to Load the Battery

- 1 Press the back cover opening knob in the direction of the arrow to open the back cover.
 - 2 Pull the battery chamber cover forward.
 - 3 Insert battery according to the diagram shown inside the back cover. Make sure the $\oplus\ominus$ poles of the battery are correctly placed.
 - 4 Place the battery chamber cover back on.
- Cold (-10°C or below) affects batteries. Keep the camera warm close to your body until just before using.

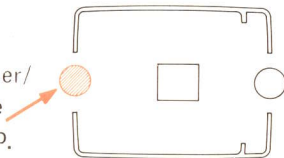


Battery Check

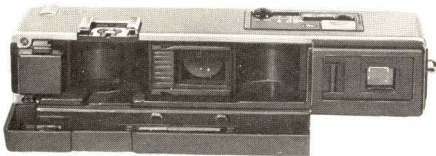
Look into the viewfinder while pressing the battery check button. If the yellow lamp on the left lights on, the battery has sufficient voltage. When battery voltage is insufficient, the lamp will not light on and the battery should be replaced.

Use silver battery Eveready 544 or Mallory PX 28(6V).

Battery checker/
Camera Shake
Warning Lamp.
Lamp goes on.



Viewfinder



How to Load Film

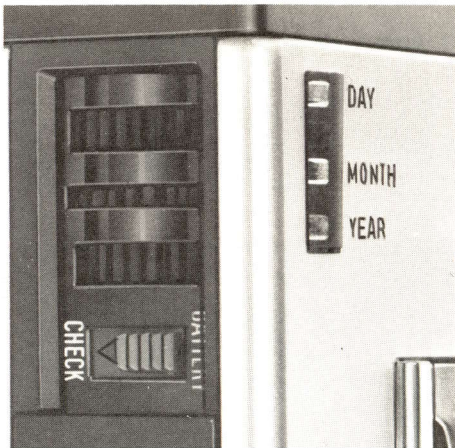
- 1 Open the back cover and insert film cartridge as shown in the photograph.





2 Press the back cover to close.

3 Keep winding the film until the film winding knob does not move.



Date Mechanism

The date mechanism operates with the following sets of numbers. The three date dials on the left side of the body are turned while looking at the date indicator to set the desired date.

YEAR 0~9, 74~84, ☐

MONTH 1~12, ☐

DAY 1~31, ☐

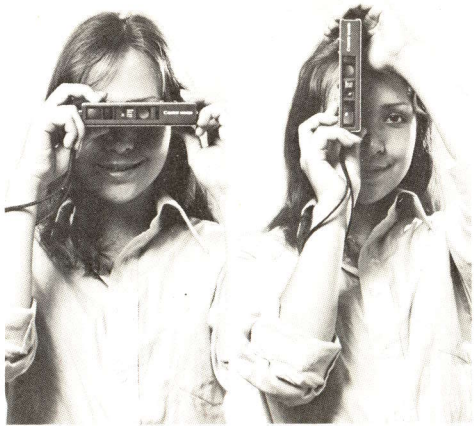
- ☐ mark indicates that nothing will be imprinted on the photograph. When you do not want to imprint dates, set dials to ☐ marks.

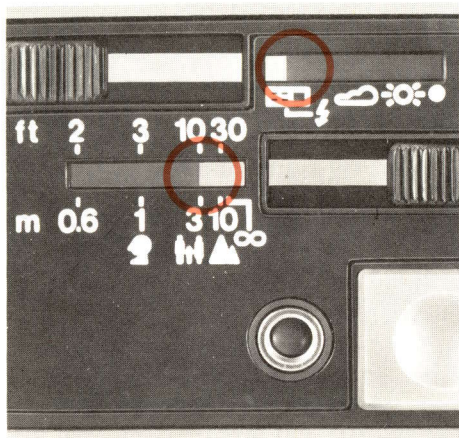


- The date will be imprinted on the bottom right corner of the picture with the year, month and day from left to right.
- Keep pressing the shutter button for more than a half second after releasing the shutter to prevent blurred date imprinting.



YEAR
MONTH
DAY





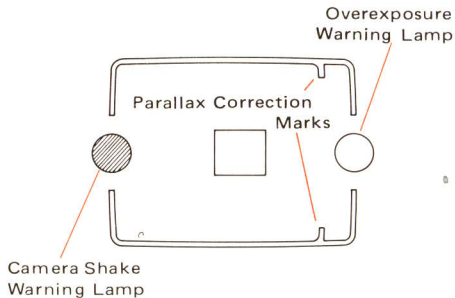
AE Photography

1 Open the protector.

■ Unless the protector is opened completely, the shutter cannot be released. Be sure to close the protector when you put the camera in the case, so that you may prevent unintentional shutter release which causes battery drain.

2 Move the aperture knob and set the aperture scale (weather mark) most appropriate to the shooting condition.

(indoor)	(cloudy)	(bright sky)	
f/2	f/4	f/8	f/16



3 Look into the viewfinder and set the distance scale by moving the distance knob. Focusing will be correct when the two images seen in the center of the viewfinder coincide completely.

4 Press the shutter button.

- When you take pictures at a distance closer than 0.8m, compose the picture within the parallax correction marks.
- Hold the camera firmly to prevent a blurred picture.
- When you press the shutter button and a red lamp lights on at the right side of the viewfinder, it indicates overexposure. It is too bright. Then, reset the

aperture knob to the brighter side (bright sky or ●). When a yellow lamp goes on at the left side of the viewfinder, this is a warning against camera shake. Because it isn't bright enough, the exposure will have to be long. Reset the aperture scale to cloudy, indoor or use a tripod, or switch over to flash photography.

■ For long exposure, keep pressing the shutter button until the yellow lamp goes out. Exposure up to 8 seconds is guaranteed.

■ For close-up photography such as copy work, set the aperture scale to brighter of ●.

5 After you take the last exposure, wind until Film Winding Knob does not move to prevent unintentional exposure of film.



Automatic Flash Photography

If you use the Canon's special electronic flash, the Canolite ED, flash photography is as simple as EE photography.

- 1 Mount the Canolite ED on the accessory shoe.
 - 2 Set the aperture scale to $\frac{1}{8}$ mark.
 - 3 Switch the Canolite ED on and make sure the neon lamp is on.
- Electronic flash units of other make can be used as long as they have direct contact accessory shoe and Guide number 14 (m). Be sure to set the switch at manual.




- 4 Set the distance scale.
- 5 Look into the viewfinder and press the shutter button.
 - When using the Canolite ED, photograph from a distance between 0.8 and 5 meters.
 - When you attach the Canolite ED after adjusting the distance knob, the knob sometimes moves slightly. Then readjustment of distance will be necessary.
 - Be sure to remove the Canolite ED when not performing flash photography.

Care of the Camera

- 1** Do not leave the camera directly under the sun nor in hot places. The rear window of an automobile or inside the trunk can become hotter than 60°C . Be careful because such temperatures would damage your camera.
- 2** Select a dry place, with a normal temperature to store your camera.
- 3** When the camera WILL NOT BE IN USE for a long time, remove the battery. If it is left inside the camera for long, battery leakage may damage the camera's battery contact.
- 4** Do not touch the camera's lens when handling it. If a fingerprint were left on the lens, wipe with a little lens cleaner. Dust should be blown off with a blower.
- 5** Salt and sand will affect your camera. After using the camera on the seaside, wipe it carefully.

CAUTION

- Do not insert the battery in reversed direction. (p. 10)
- Check the battery voltage every time you use the camera. (p. 11)
- Do not forget to set the date dials. (p. 14)
- Be sure to set the aperture scale to the  mark when using the Canolite ED. (p. 20)
- Do not leave the Canolite ED attached when switching over to AE photography.
- Close the protector, when putting the camera into the case, to prevent unintentional shots. (p. 17)



CANON INC. 11-28, Mita 3-chome, Minato-ku, Tokyo 108, Japan

U.S.A. — **CANON U.S.A., INC. HEAD OFFICE**
10 Nevada Drive, Lake Success, Long Island, N.Y. 11040, U.S.A.

CANON U.S.A., INC. MANHATTAN OFFICE
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 U.S.A., INC. LOS ANGELES OFFICE
123 Paularino Avenue East, Costa Mesa, California 92626, U.S.A.

CANON U.S.A., INC. WILSHIRE OFFICE
3113 Wilshire Boulevard, Los Angeles, California 90010, U.S.A.

CANON U.S.A., INC. HONOLULU OFFICE
Bldg. B-2, 1050 Ala Moana Blvd., Honolulu, Hawaii 96814

CANADA — **CANON OPTICS & BUSINESS MACHINES CANADA, LTD.**
HEAD OFFICE
3245 American Drive, Mississauga, Ontario, L4V 1B8, Canada

CANON OPTICS & BUSINESS MACHINES CANADA, LTD.
MONTREAL OFFICE
3070 Brabant Marineau Street, St. Laurent, Quebec, H4S 1K7, Canada

CANON OPTICS & BUSINESS MACHINES CANADA, LTD.
VANCOUVER OFFICE
735 Elmbridge Way, Richmond, B.C., V6X 1B8, Canada

EUROPE, AFRICA & MIDDLE EAST — **CANON AMSTERDAM N.V.**
Gebouw 70, Schiphol Oost, Holland

CENTRAL & SOUTH AMERICA — **CANON LATIN AMERICA, INC. SALES DEPARTMENT**
P.O. Box 7022, Panama 5, Rep. of Panama

CANON LATIN AMERICA, INC. REPAIR SERVICE CENTER
P.O. Box 2019, Colon Free Zone, Rep. of Panama

SOUTHEAST ASIA — **CANON INC. HONG KONG BRANCH**
5th Floor 2-6, Fui Yiu Kok Street, Tsuen Wan, New Territories, Hong Kong

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