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Canon **110ED** **110E**

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English Edition

INSTRUCTIONS

Canon 110 ED & 110 E

This instruction booklet is for the Canon 110 ED and Canon 110 E pocket-size cameras. Though both cameras offer you the same high quality workmanship and basic features, the 110 ED also has Canon's exclusive date imprinting mechanism which permits the imprinting of the year, month and day near the bottom corner of your photos. Please read the instructions carefully before using your camera to become acquainted with its many features.

Specifications

Lens: 110 ED: Canon 26mm f/2 lens, with 5 elements in 4 groups. 110 E: Canon 26mm f/2.7 lens, with 4 elements in 4 groups.

Focusing: 110 ED: Rectilinear movement of the lens coupled to the rangefinder. 110 E: By adjusting the lens for the distance from the camera to the subject.

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

Shutter: Electronic shutter; 8 sec.-1/500 sec.

EE Coupling Range: 110 ED: With ASA 80, EV -1 (f/2, 8 sec.) -EV17 (f/16, 1/500 sec.); 110 E: With ASA 80, EV 0 (f/2.7, 8 sec.) -EV 17 (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, overexposure warning lamp (red), and LED camera shake warning lamp/battery checker (yellow).

Film Winding: Single stroke film advance with sliding knob.

Film Loading: Cartridge insertion.

Power Source: 6V silver oxide battery, Eveready 544 or Mallory PX 28.

Back Cover Opening: By sliding the knob on the body's back.

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

Accessory Shoe: With direct flash contact.

Date Mechanism: Only for the 110 ED. Date

imprinting mechanism. Date is set with switch dials on the left side of the camera.

Date Indications: Only for the 110 ED.

Year 0—9, 75—85, ■ (blank space)

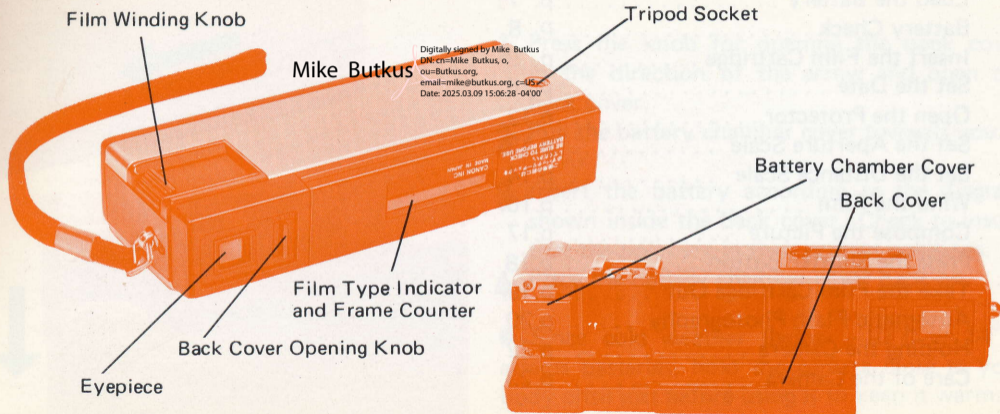
Month 1—12, ■

Day 1—31, ■

Dimensions and Weight: 110 ED: 142.2 x 56 x 28mm (5-9/16" x 2-3/16" x 1-1/8") 295g (10-1/2 oz.); 110 E: 133 x 55.5 x 28.5mm (5-1/4" x 2-3/16" x 1-1/8") 240g (8-1/2 oz.).

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

Subject to change without notice.



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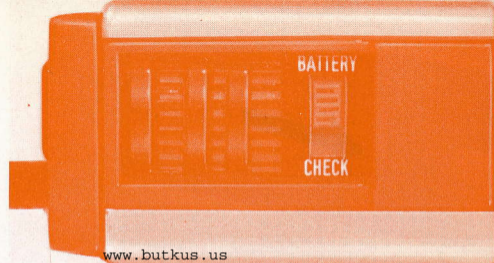
Load the Battery

- 1 Press the knob for opening the back cover in the direction of the arrow and open the back cover.
 - 2 Pull the battery chamber cover towards you.
 - 3 Insert the battery according to the diagram shown inside the back cover. Check to insure that the poles are in their correct positions.
 - 4 Place the battery chamber cover back on.
- Since cold weather (below -10°C or 14°F) affects batteries, hold the camera close to your body until just before using it to keep it warm.

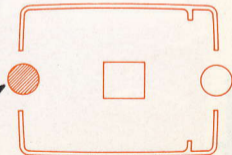
Battery Check

Look into the viewfinder while pressing the battery check button. If the yellow lamp on the left lights up, the battery has sufficient voltage. When the battery's voltage is insufficient, the lamp will not light up and the battery should be replaced. Use a silver oxide battery; either an Eveready 544 or a Mallory PX 28 (6V).

- Do not use an alkaline manganese battery (Eveready 537).



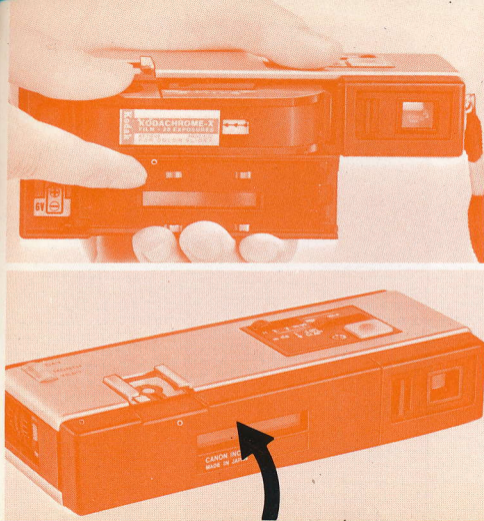
Battery Checker/
Camera Shake
Warning Lamp.
Lamp goes on.



Viewfinder

2 Insert the Film Cartridge

- 1 Open the back cover by sliding the knob on the body's back, and insert the film cartridge as shown in the photograph.
- 2 Press the back cover closed.
- 3 Keep winding the film until the film winding knob does not move.



3 Set the Date (only on the 110 ED)

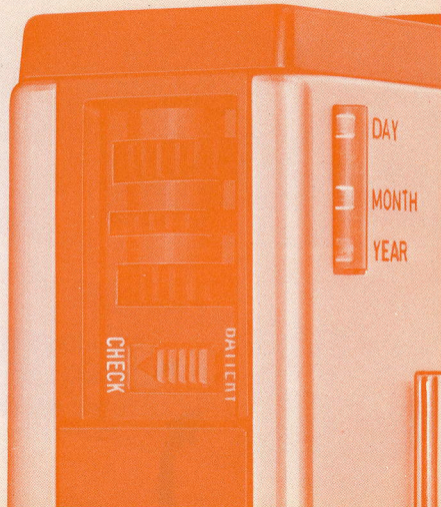
The three date dials on the left side of the body are turned while looking at the date indicator to set the desired date. The date offers the following sets of numbers.

YEAR 0-9, 75-85, ■

MONTH 1-12, ■

DAY 1-31, ■

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





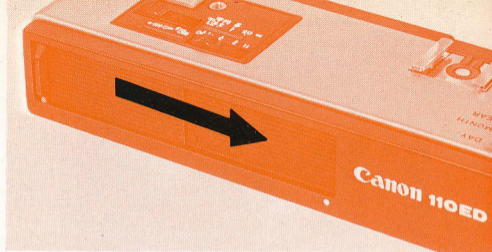
DAY
MONTH
YEAR

- The date will be imprinted on the bottom right corner of the picture with the year, month and day appearing from left to right.
- Continue pressing the shutter button to prevent blurred date imprinting for more than a half second after releasing the shutter. Then, once the shutter button has completely risen, wind the film.


4 Open the Protector

Open the protector completely.

- Unless the protector clicks and locks open and the white dots are aligned, the shutter will not release. Be sure to close the protector when you put the camera in its case, so that you may prevent an unintentional release of the shutter.





- When using the Canolite ED, set the aperture scale to the  mark.
- Remove the Canolite ED when performing EE photography.

5 Set the Aperture Scale

Move the aperture knob and set the aperture scale (weather mark) to the indicated position most appropriate to the shooting conditions.



(indoor)

(cloudy)

(bright sky)



*f/2

f/4

f/8

f/16

* f/2.7 for the 110 E

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

6 Set the Distance Scale

110 ED:

Set the distance scale by looking through the viewfinder and adjusting the distance knob until only one image can be seen. The camera will then be properly focused.

110 E:

Since the 110 E does not have a rangefinder, focusing is accomplished simply by setting the distance scale at the appropriate setting. The drawings below the distance scale indicate appropriate settings for:



portraits



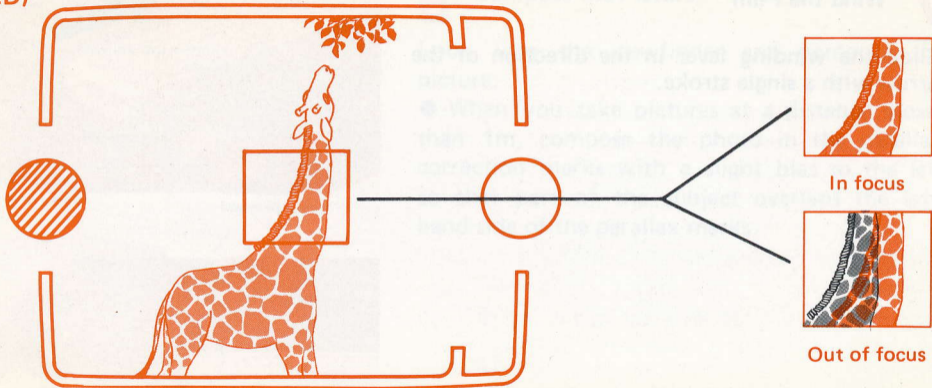
group pictures



scenery

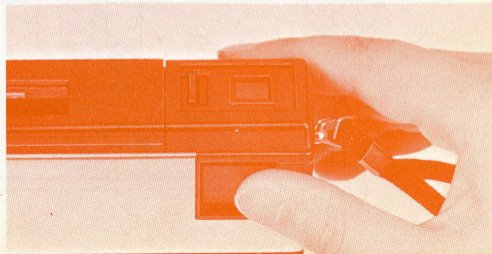
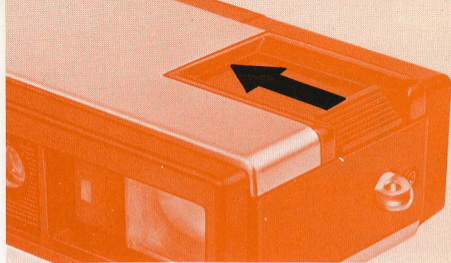


(110 ED)



7 Wind the Film

Slide the winding lever in the direction of the arrow with a single stroke.

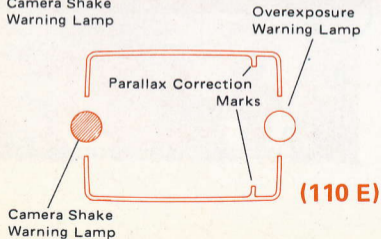
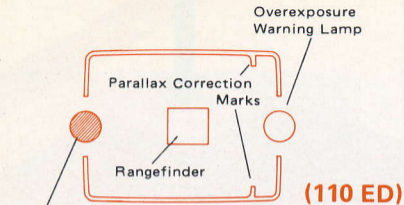


8

Compose the Picture

Look into the viewfinder and compose the picture.

● When you take pictures at a distance closer than 1m, compose the photo in the parallax correction marks with a slight bias to the left so that part of the subject overlaps the left-hand side of the parallax marks.



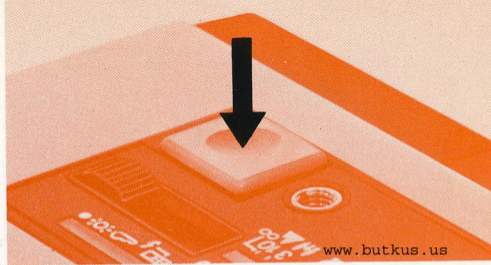
9 Press the Shutter Button


Look into the viewfinder and press the shutter button gently.

- Hold the camera firmly to prevent a blurred picture.

- When you press the shutter button and a red lamp lights up at the right side of the viewfinder, it indicates overexposure. Then reset the aperture knob to a brighter position ($\geq O \leq$ or ●).

When a yellow lamp goes on at the left side of the viewfinder, this is a warning against shaking the camera; because it isn't bright enough, the exposure will have to be long. Reset the aperture



scale to ☁ or  and use a tripod, or switch over to flash photography.

● For long exposures continue pressing the shutter button down until the yellow lamp goes out. Exposures of up to 8 seconds are guaranteed.


IO Take the Film Cartridge Out

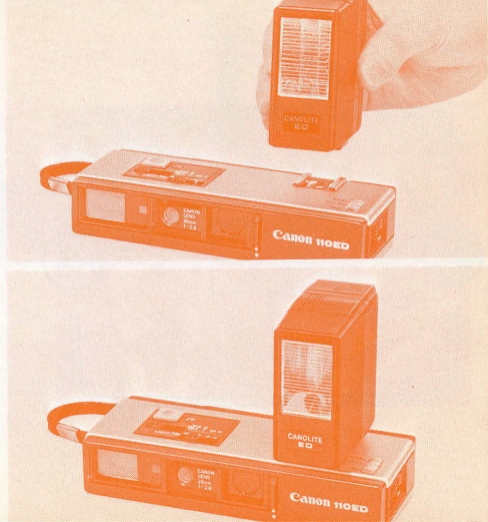
- 1 After you take the last exposure, to prevent unintentional exposure of the film, wind the camera until the film winding knob does not move.
- 2 Open the back cover and take the cartridge out of the camera.



Automatic Flash Photography

If you use 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 .
 - 3 Switch the Canolite ED on and make sure the neon lamp is on.
 - 4 Set the distance.
 - 5 Look into the viewfinder and press the shutter button.
- When using the Canolite ED, photograph from a distance of between 0.8 and 5 meters.





● When you attach the Canolite ED after adjusting the distance knob, the knob sometimes moves slightly. Readjustment of the distance measurement will then be necessary.

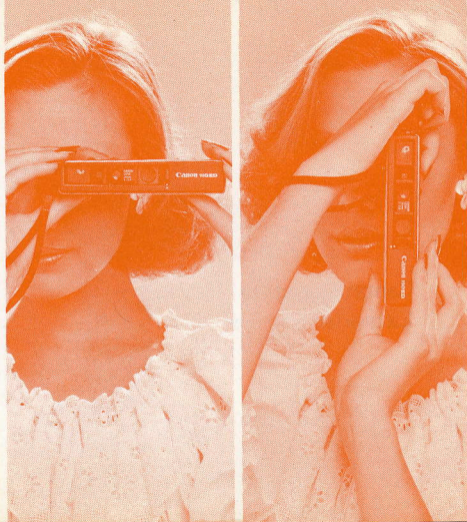
● Be sure to remove the Canolite ED when not performing flash photography.

● Electronic flash units of other makes can be used as long as they have direct contact accessory shoes and the guide number 14 (m). Be sure to set the switch at the manual position.

● When taking flash pictures with a pocket-size camera, light is often reflected off the retinas of fair-eyed people so that they appear to have red pupils in photos. To avoid this problem Canon has designed the Canon Speedlite Extender which, if attached between the camera and flash, prevents this from happening.

12 Holding the Camera

- 1 Hold the camera firmly with both hands.
- 2 When the camera is in a horizontal position, both elbows should be firmly pressed against the body. When the camera is in a vertical position, at least one elbow should be resting against the body.
- 3 To reduce camera shake, trip the shutter button by trying to gently press together your index finger and thumb while your index finger is on the shutter button and your thumb is on the bottom of the camera.



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.