

Canon EF  
EX

*A BFA*



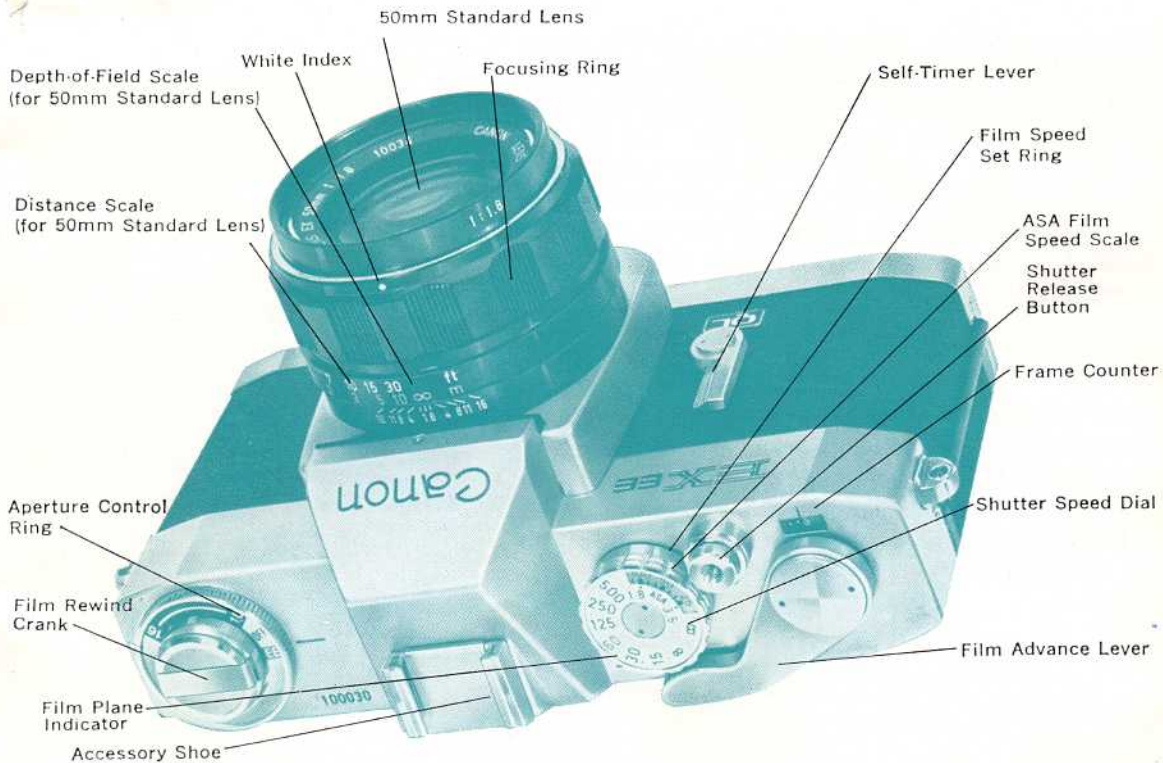
English Edition

We are highly gratified that you have selected the Canon EX EE—a wise choice that promises you many delightful years of photographic experiences. Canon is recognized the world over as the foremost pioneer in the development of photographic equipment of the highest quality and performance. Whether your new EX EE is for the home or for traveling, make the most of your opportunities!

### **Before Using . . .**

Please read this instruction booklet carefully, and master the manipulations of the various parts of the EX EE completely. Once thoroughly versed in the correct handling of this camera, you can use the Canon EX EE to the fullest extent of its capabilities





## Technical Data

- Type: 35mm single-lens reflex camera with Electric Eye.
- Lens: Front component convertible type with thread mount. EX 50mm F 1.8 (standard), EX 35mm F 3.5 (wide-angle), EX 95mm F 3.5 (telephoto) and EX 125mm F 3.5 (telephoto).
- Viewfinder: Eye-level using pentagonal prism. Aerial image type. 50mm lens has magnification of 0.9x. Combined with micropism screen rangefinder. Contains exposure indicator, f/stop scale and over/under exposure warning marks. Waist-Level Viewer 2 can be attached.
- Mirror: Shockless quick return system.
- Shutter: Cloth focal-plane shutter with speeds from 1/500 to 1/8 sec. and B. X contact at 1/60 sec. Single pivot dial.
- Electric Eye Mechanism: Fully coupled to film speed, shutter speed dial and aperture setting. Shutter speed priority system. Diaphragm closes down to proper f/stop by depressing shutter release button. With F 1.8 lens, ASA 25-800. With F 3.5 lens, ASA 25-500. Film speed is set by turning film speed set ring at index of lens to be used. With ASA 100 film, EV 4.7 (f/1.8 at 1/8 sec.)—EV 17 (f/16 at 1/500 sec.). Powered by one 1.3 v M20 (#625) mercury battery.
- Light Measurement: Through-the-lens (TTL) system. CdS photocell just above the eyepiece measures light passing through taking lens in fully opened condition. Measures total picture area with emphasizing higher sensitivity at central section.
- Manual Control of Aperture: Pre-set possible at any desired f/stop by releasing EE mechanism and turning the aperture control ring.
- Flash Synchronization: X contact. Synchronizing possible for FP, M and MF flash bulbs and electronic flash units.
- Film Rewinding: By button and crank.
- Film Advance Lever: 174° single operation. Possible to wind with several short strokes.
- Self-Timer: Built-in. Charged self-timer starts to actuate by depressing shutter release button.
- Film Loading: By opening back cover. Back cover lock released by pulling up film rewind crank. Accepts any 35mm film roll in cartridge. QL mechanism for quick loading of film.
- Frame Counter: Self-resetting.
- Size: 143 x 92 x 84mm (5<sup>5</sup>/<sub>8</sub>" x 3<sup>5</sup>/<sub>8</sub>" x 3<sup>1</sup>/<sub>4</sub>").
- Weight: 900 grams (1 lb. 15<sup>3</sup>/<sub>4</sub> oz.)—with 50mm standard lens.

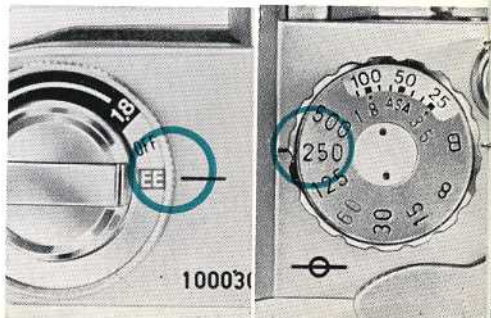
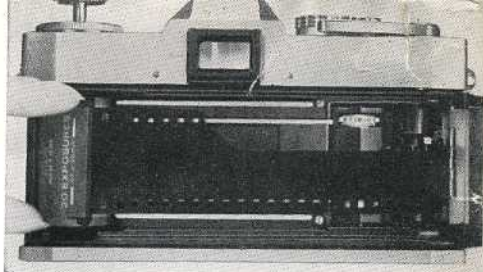
Subject to alterations

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# Follow these simple steps for normal photography with Electric Eye:

- 1** Load the film simply with the QL mechanism.
- 2** Set the ASA film speed to the index of the lens to be used.
- 3** Wind the film advance lever.
- 4** Turn the aperture control ring to "EE".
- 5** Select your desired shutter speed.





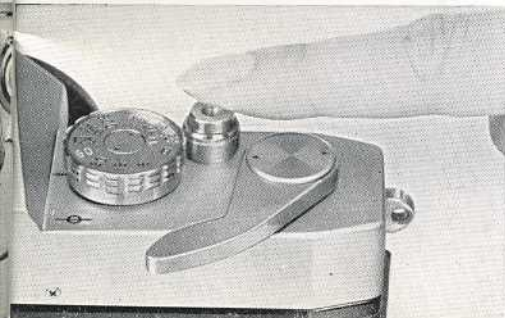
**6** Remove the lens cap.



**7** Look through the viewfinder and focus.

**8** Compose the picture.

**9** Check whether the exposure indicator is within the proper range.



**10** Depress the shutter release button gently.

## Mercury Battery Loading and Checking

Before using your Canon EX EE, load it with the mercury battery packed in a separate envelope. The Electric Eye functions only when the battery is properly loaded.

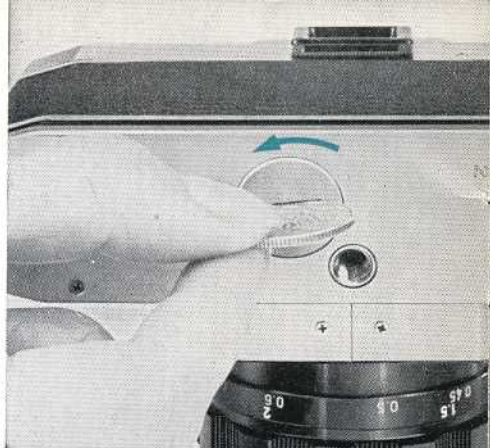
- 1** Insert a coin into the groove of the battery compartment cover and turn to the left to remove.
- 2** Face the central contact of the mercury battery inwards and insert.
- 3** Replace the cover by turning it to the right.

■ Before inserting, wipe all battery poles clean of fingerprints or stains with a dry cloth. Unclean poles may cause corrosion and damage the contact points of the camera.

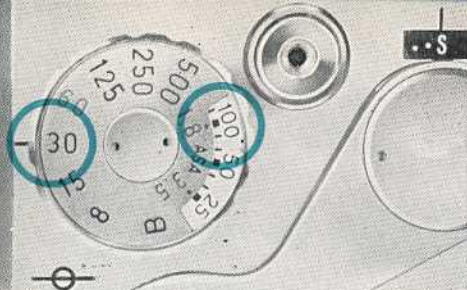
■ A 1.3 v M20 (#625) mercury battery should be used—equivalent to Mallory PX-625, Eveready EPX-625.

■ Be sure to insert the battery in the correct direction by referring to the diagram on the compartment cover. Otherwise, the Electric Eye will not function properly and the cover cannot be screwed in.

■ When the camera is not used for a long period, remove the mercury battery and keep in a dry place.







## Battery Check

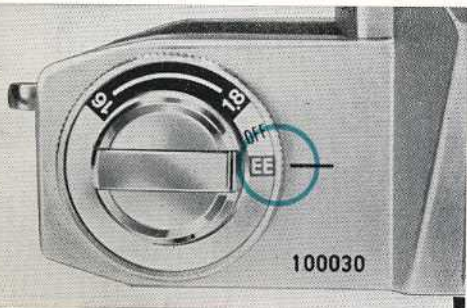
To check the power level of the mercury battery :

**1** Set the film speed scale at ASA 100, the shutter speed dial at the "30" index. For the film speed setting, lift up the outer ring of the shutter speed dial and turn.

**2** Turn the aperture control ring to "EE" and aim the camera at the sky or other bright subject. If the exposure indicator inside the viewfinder swings up to or over the "16" index, the battery has sufficient power. Otherwise, the battery must be replaced.

■ Life of the battery in normal use is approximately one year. It is advisable to replace the battery when one year passes after loading.

■ The battery releases current only when the aperture control ring is set at "EE".



Exposure Indicator

16

11

8

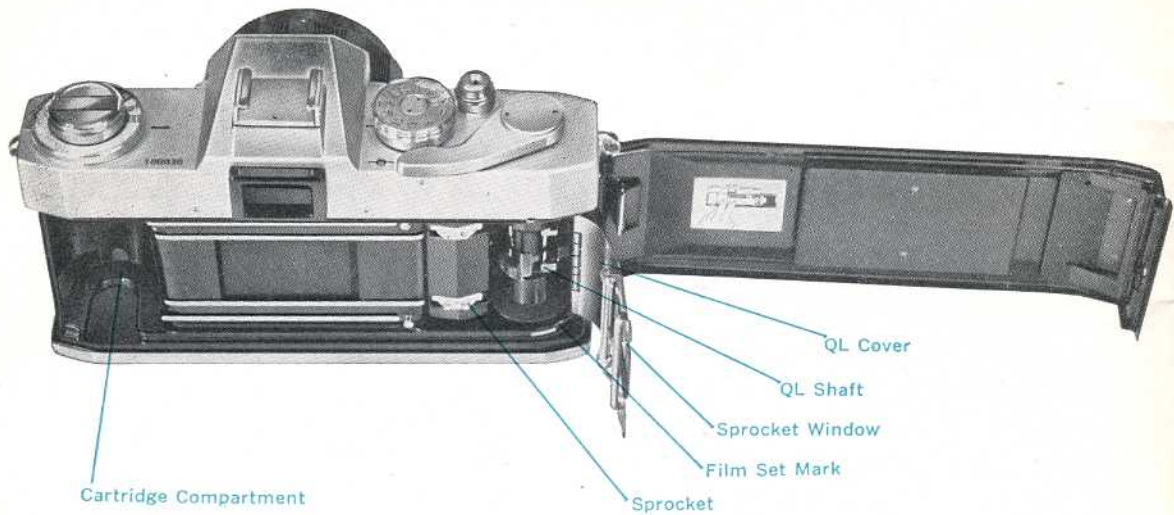
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Sufficient Power



Insufficient Power  
(Must be replaced)



Cartridge Compartment

QL Cover

QL Shaft

Sprocket Window

Film Set Mark

Sprocket

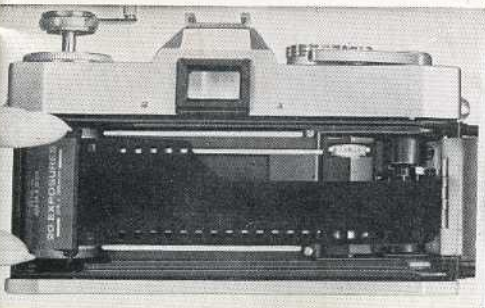
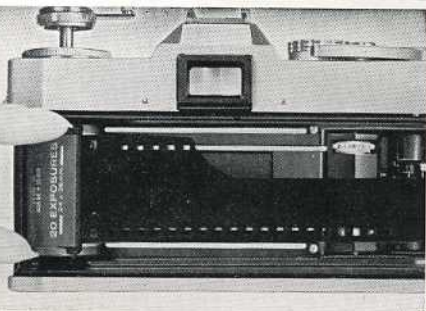
Direction in which film is placed  
(emulsified surface facing the back of the lens)



## Film Loading

The Canon EX EE accepts any standard 35mm film roll in cartridge for daylight loading. When loading a new film, always avoid direct sunlight.

- 1** Raise the film rewind crank and pull it all the way up. The cover will rise slightly.
- 2** Open the cover fully. When the back cover is opened, the QL cover opens simultaneously.
  - The QL cover automatically opens and closes with the back cover. Do not touch the QL cover.
- 3** Face the film cartridge as illustrated, and insert it into the cartridge compartment. Push the crank back to its former position again. The crank fork will slip into the axis of the film cartridge. In case the crank does not fully return, turn it slightly to the left or right.
- 4** Hold the film cartridge down with the left hand so that it does not rise, and lay the tip of the leader above the "red" film set mark.



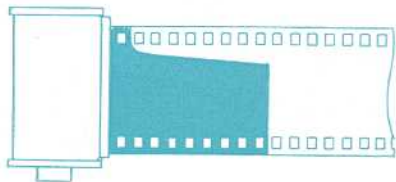
**5** Bring down the QL cover to hold the film in place by closing the back cover. Look through the sprocket window to see if the film is correctly engaged on the sprocket.

**6** Close the back cover by pressing down on the cover.

■ If the film is sagging, the cartridge will rise and the back cover will not close.

**7** Leave the lens cap on and make three blank shots, each time turning the film advance lever. The frame counter will advance from the "S" mark to "0". With one more advance, the camera will be ready for the first shot.

■ When repacking a long-wound film for darkroom loading into an ordinary cartridge, be sure to trim the tip of the leader between perforations.



### Checking Correct Film Loading

The film is properly loaded and advanced if the film rewind crank rotates when you wind the film advance lever. If the rewind crank does not rotate, take out the film, as explained on the following page, and reload.

