

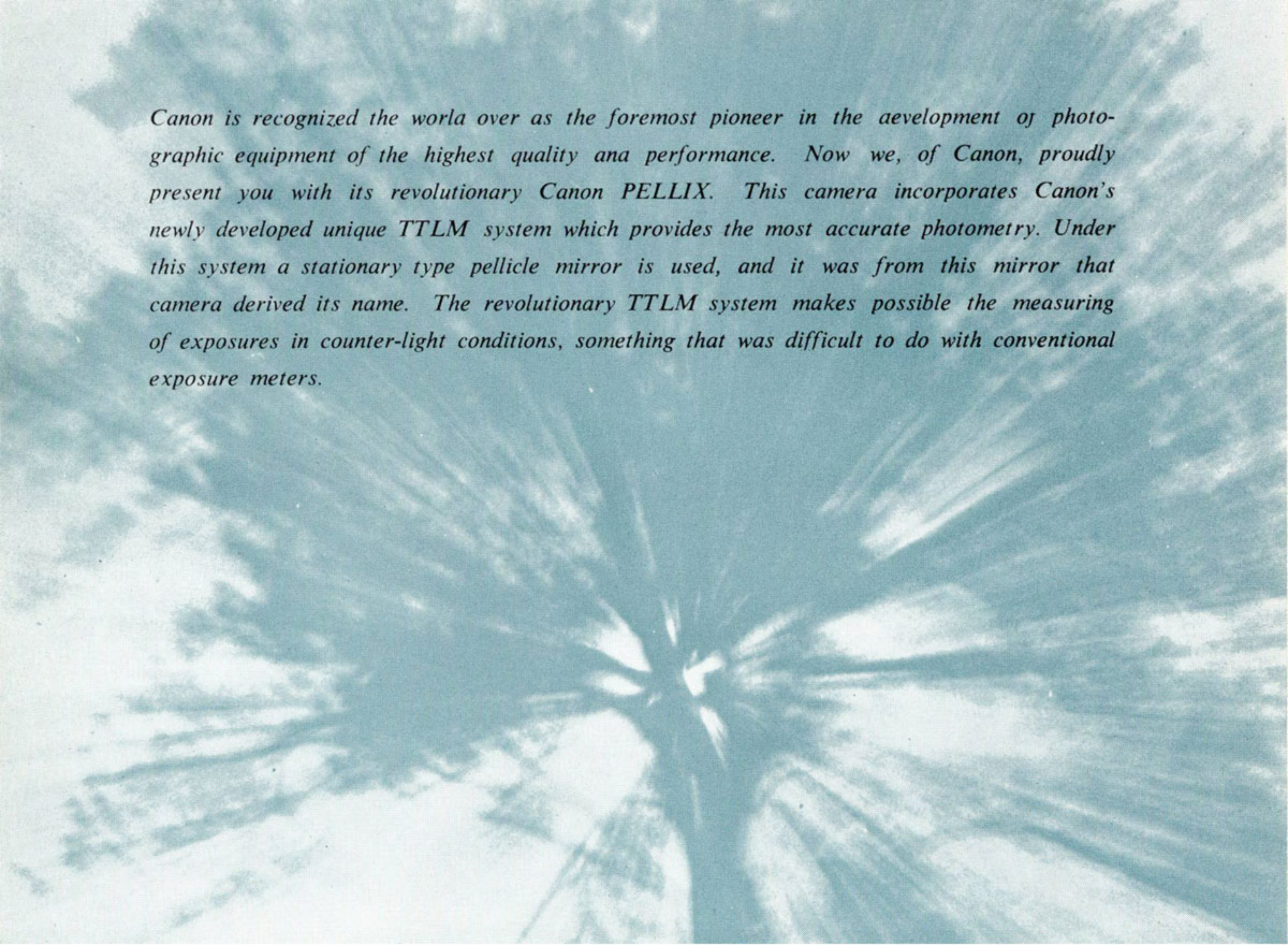
**Canon**  
**PELLIX**  
INSTRUCTION

English Edition

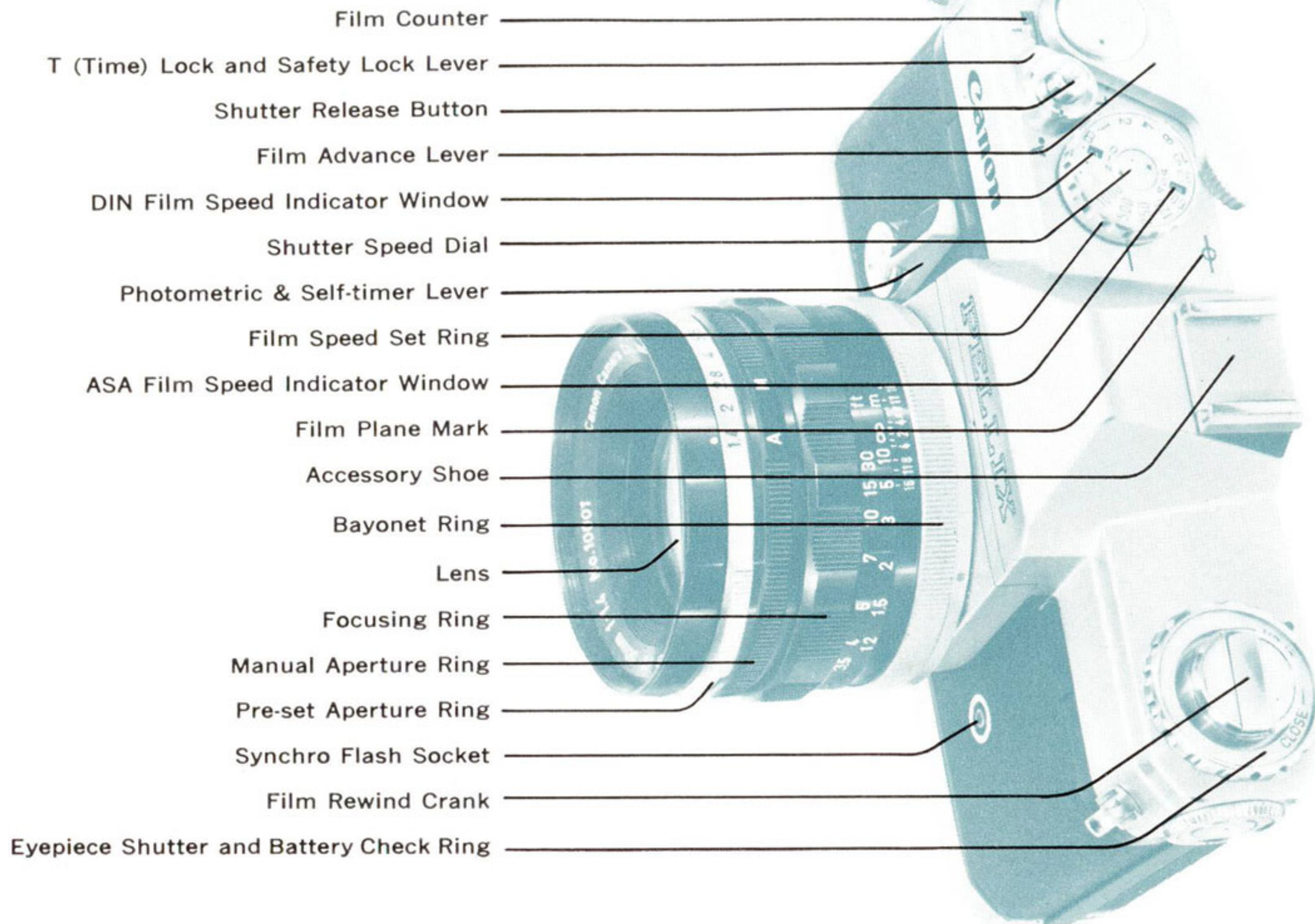




*Canon is recognized the world over as the foremost pioneer in the development of photographic equipment of the highest quality and performance. Now we, of Canon, proudly present you with its revolutionary Canon PELLIX. This camera incorporates Canon's newly developed unique TTLM system which provides the most accurate photometry. Under this system a stationary type pellicle mirror is used, and it was from this mirror that camera derived its name. The revolutionary TTLM system makes possible the measuring of exposures in counter-light conditions, something that was difficult to do with conventional exposure meters.*









## Canon Pellix Specifications

Type : 35 mm film single-lens reflex camera.

Viewfinder : Eye-level viewfinder using Pentagonal Dach Prism. Waist-Level Viewer 2 can be attached.

Focusing Glass : Highly efficient in resolving power, using Fresnel Lens, and built-in prism screen rangefinder.

Mirror : The Canon Pellicle Mirror, a half transparent Mirror.

Standard Lens : FL 50 mm F 1.4, FL 58 mm F 1.2

Aperture : Fully automatic pre-set aperture built-in. Pre-set release possible.

Shutter : 1/1000~1 second dial and B(T) X single pivot dial focal plane shutter.

Built-in Meter : Zero method type new CdS meter coupled to shutter dial and aperture setting. New TTL system EV1~18 one stage system. Use ASA 10-800, and utilize one mercury battery MD Model 1.3 V.

Battery Checker : Built-in checker for mercury battery.

Flash Synchronization : Synchronizing possible for FP and X contacts and FP class, M class, F class and speedlight. Automatic time lag adjusting type.

Built-in Selftimer : Time adjusting type operated by shutter button.

Winding Lever : Single operation 160° winding lever, possible to wind with several short strokes.

Film Rewinding : Rewinding done by button and crank.

Film Loading : Back cover opening and closing, using only cartridge.

Interchangeable Lenses : Automatic pre-set aperture type.

FL lens system.

Film Counter : Self-resetting type.

Size, Weight : 141×90×43 mm/700 grams (body only).

Other various safety devices, complete accessories, etc.



## Index

|  |    |
|--|----|
| Mercury Battery Loading and Checking .....                       | 5  |
| When First Handling the Camera .....                             | 6  |
| Winding .....  | 7  |
| Advance Lever, Shutter Safety Lock, Film Counter                 |    |
| Shutter and Aperture.....  | 9  |
| Shutter Dial, Pre-set Aperture, Pre-set Aperture Release         |    |
| How to use Built-in Light Meter .....                            | 13 |
| Preparations, Exposure Setting, Meter Sensitivity                |    |
| Holding the Camera .....   | 16 |
| Focusing .....   | 18 |
| Prism screen, Eyesight Adjustment Lenses, Viewfinder             |    |
| Preliminary Steps in Photography .....                           | 21 |
| Film Loading .....   | 23 |
| Film Rewinding .....   | 29 |
| Self-timer and Eyepiece Shutter .....                            | 30 |
| Flash Synchronization .....                                      | 31 |
| Uses of Lenses .....   | 32 |
| Changing Lens, Distance Scale,<br>Infrared Index, Depth-of-Field |    |
| Double Exposure .....  | 37 |
| Filters .....  | 39 |
| Proper Care of Your Camera .....                                 | 41 |



## Mercury Battery Loading



Central Contact



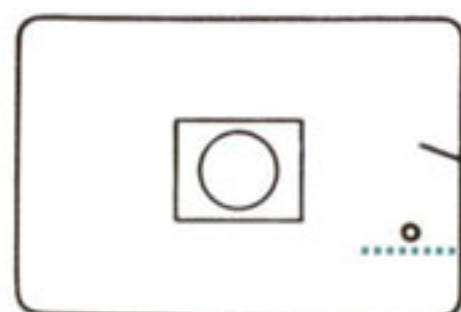
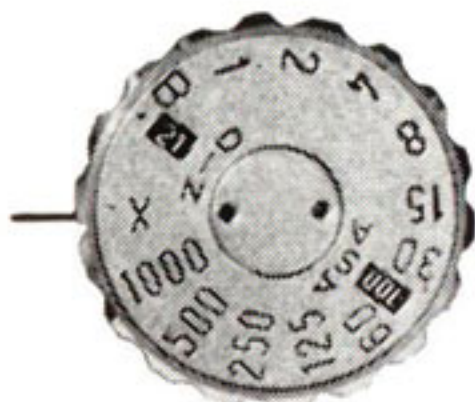
Load the mercury battery (contained in a separate envelope) into the battery compartment. Since the mercury battery powers the built-in CdS meter, the meter will not function unless the battery is in position.

1. Press the finger against battery cover and turn to the left to remove.
2. Face the central contact of the mercury battery inwards and insert, then screw the cover back in.

When inserting, do not confuse the  $\oplus$   $\ominus$ . Not only will the meter fail to function in case of reverse insertion, but the cover cannot be screwed in properly.

- \* For mercury battery, the National MD model or the Toshiba TH-MC is used—equivalent to the United States Mallory RM 625, Eveready E 265, General No. 625. Life of the battery in continuous use is about one year.
- \* Do not soil with perspiration or fingerprints. Before insertion, clean mercury battery thoroughly with a dry cloth. Perspiration or finger marks may cause corrosion and may prove particularly harmful to center of contact. If unclean battery is inserted, camera contact point may be damaged. Proper use and maintenance of all your equipment will insure its usefulness.
- \* When not in use for a long period, remove the mercury battery and keep in a dry place





Sufficient

Insufficient  
(Need to replace)

## Battery Check

Always check the mercury battery after loading it. Especially when loading a new battery, it is necessary to check the voltage.

1. Set the film speed graduation of the shutter dial at ASA 100 and set X at the index mark. Lift up the outer sensitivity ring of the shutter dial and turn. (See page 13)

\* An accurate check cannot be made if settings other than those mentioned above are used.

2. Turn the check ring on the outer side of the film rewind crank and set dot at the index mark.

3. If the meter needle inside the viewfinder swings up over the fixed dot—index mark, it means there is sufficient voltage. If the needle stay below the fixed dot, voltage is insufficient and the battery must be replaced.

\* In the Canon Pellix, the electric current flows only when the photometer lever is pressed. A mercury battery normally has a life of approximately one and a half years.

## Before Using

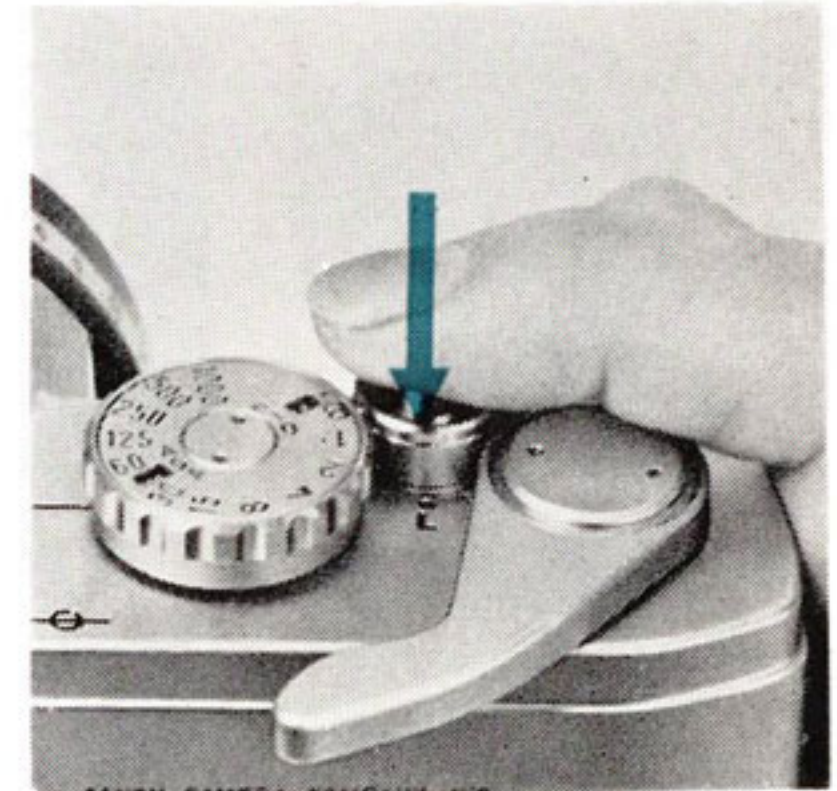
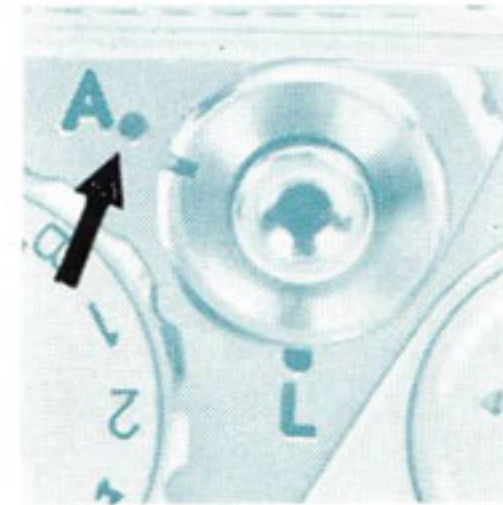
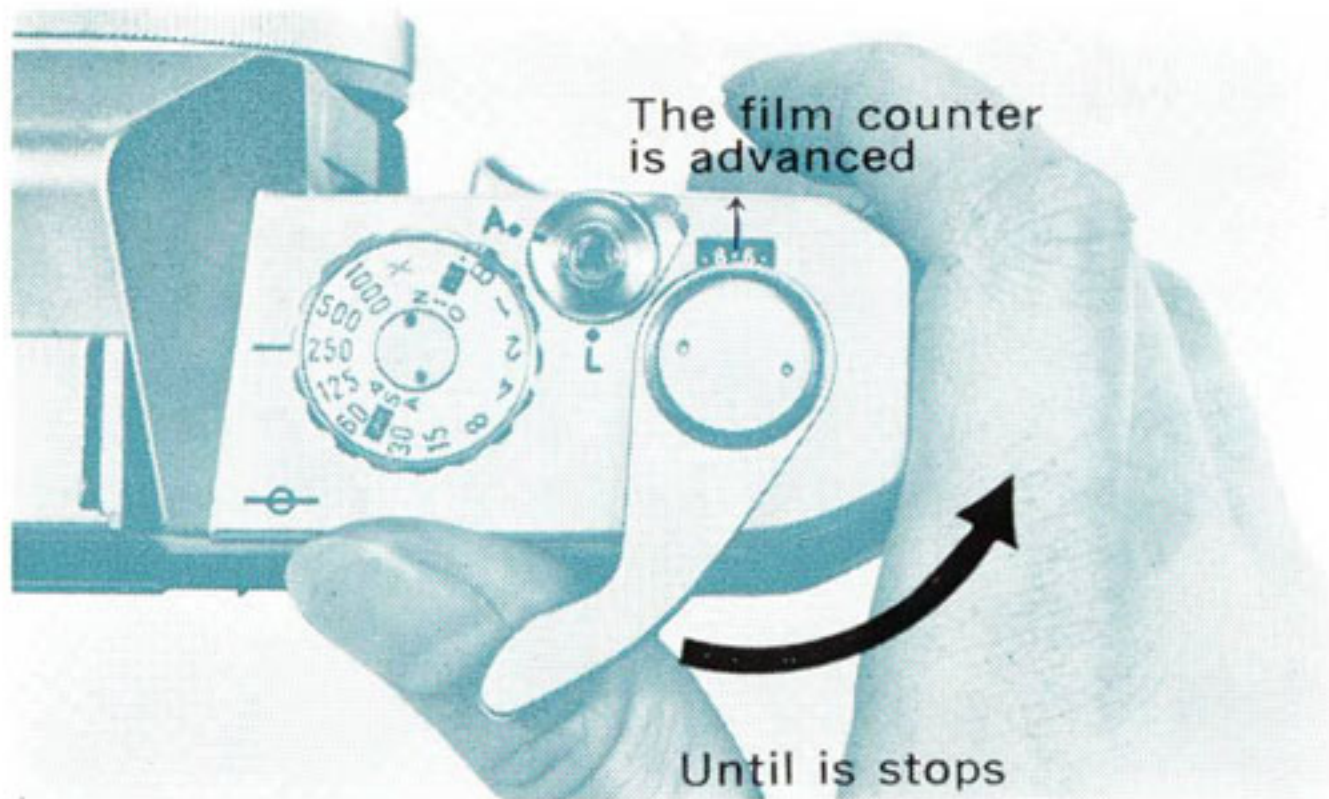
FIRST, BECOME FAMILIAR with the workings of each section. Before loading the film, try out the winding lever and the use of the meter. Become thoroughly acquainted with the camera. By doing so, you will be able to operate the camera without confusion.

## Read The Instructions

The camera being a machine, there is a proper way to handle it. Avoid unnecessary failures by reading the instructions first. As the very first step in handling the camera, explanations will begin with the film winding.



## Winding



The turning of film advance lever operates the inner mechanism, such as the shutter and film winding, and aperture charging, etc., to be carried out in one motion.

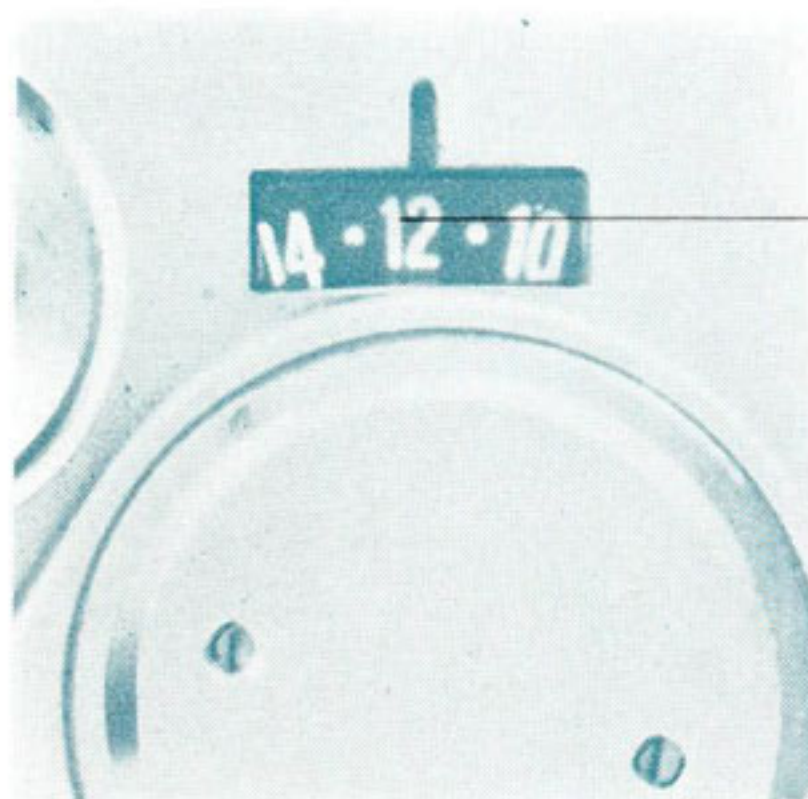
Single-stroke film advance lever advances the film, cocks the shutter, counts exposures all in one operation.

When the shutter button is pressed, simultaneously the lens closes down to the pre-selected position, and the shutter operates.

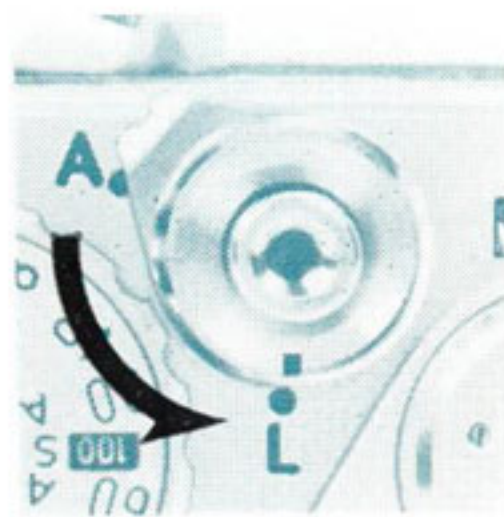
Immediately after the shutter operation, the advance lever is again in ready position.

- \* The winding may be done by moving the lever with several short strokes.
- \* Unless the winding is complete, even though the shutter button is pressed, the shutter will not actuate. In such a case, check the winding once more.
- \* After loading the film, since there is the possibility of the very first winding not catching, make another wind.





Film Counter

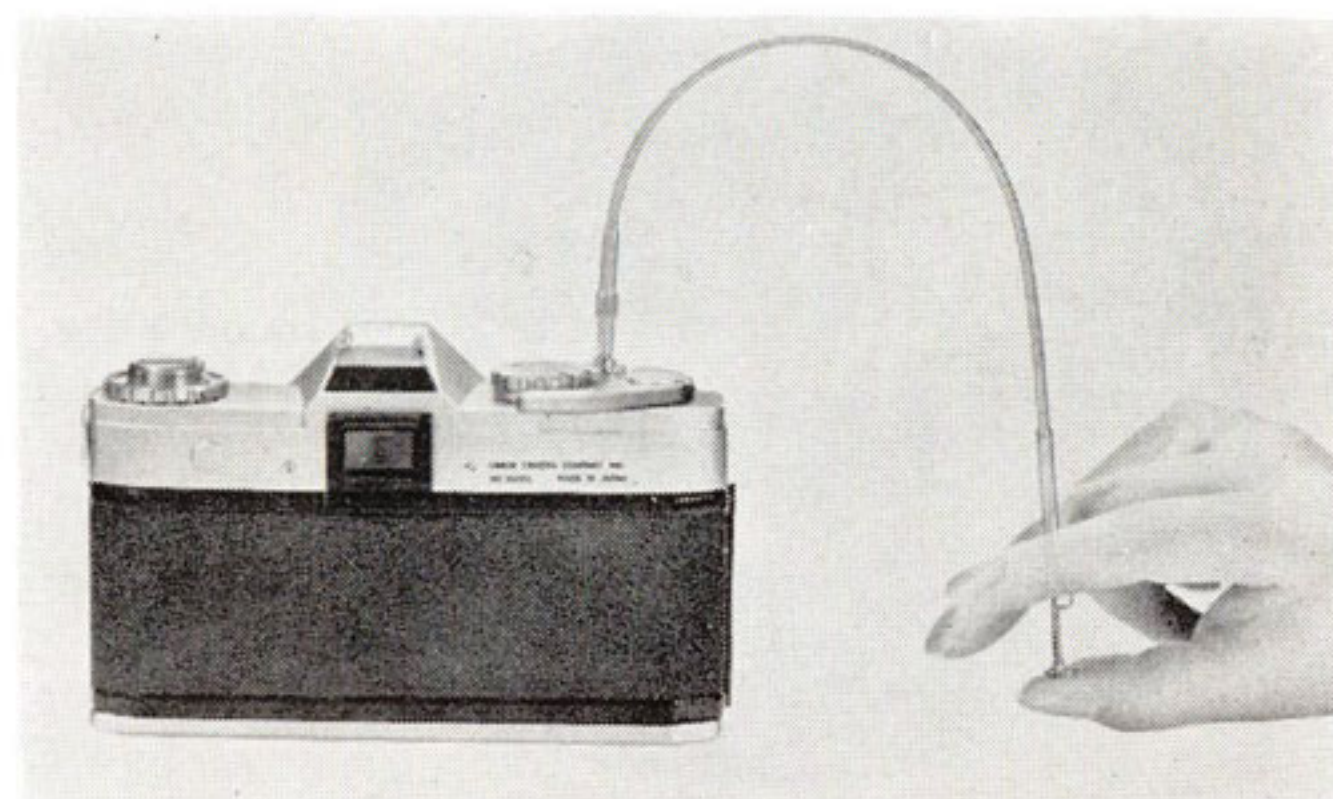


## Indication of the Number of Pictures Taken

Each winding of film will advance the number of the film counter, indicating the number of pictures taken. When the back cover is opened, the indicator automatically returns to the starting position "S."

## Safety Device for Shutter

When the safety lock around the shutter button is turned to the "L" position, the shutter is locked and will not move. This device may be used when camera is carried around in a wound condition.



## Attaching the Cable Release

A cable release can be attached to the shutter button. Although the safety lock lever is at "L" position, the shutter will operate by pressing the release. Please be careful.

When using the cable release, be sure to close the eyepiece shutter before shooting. Refer to instructions. (page 30)

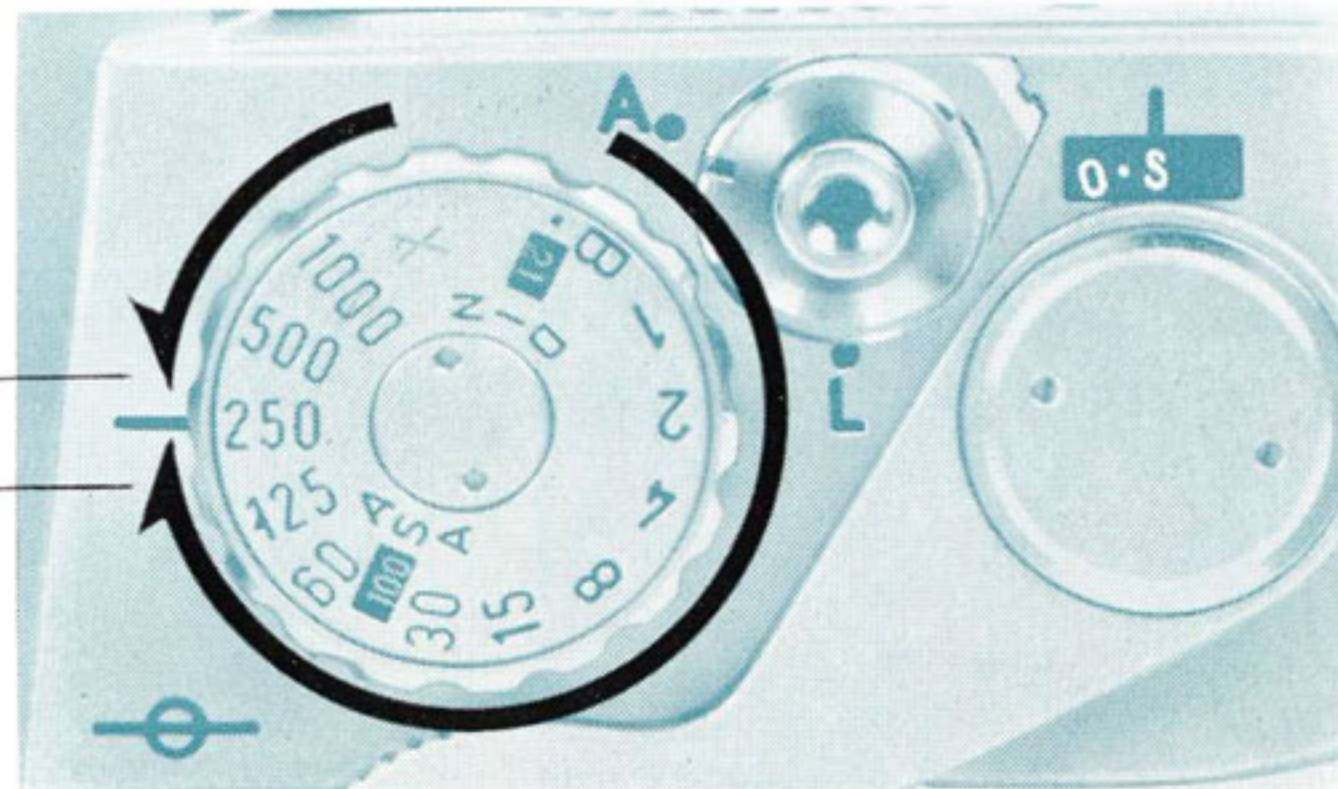


## Shutter and Aperture Adjustment

The dial cannot be turned between B and X

Make reverse turn when it stops at X.

Make reverse turn When it stops at B.



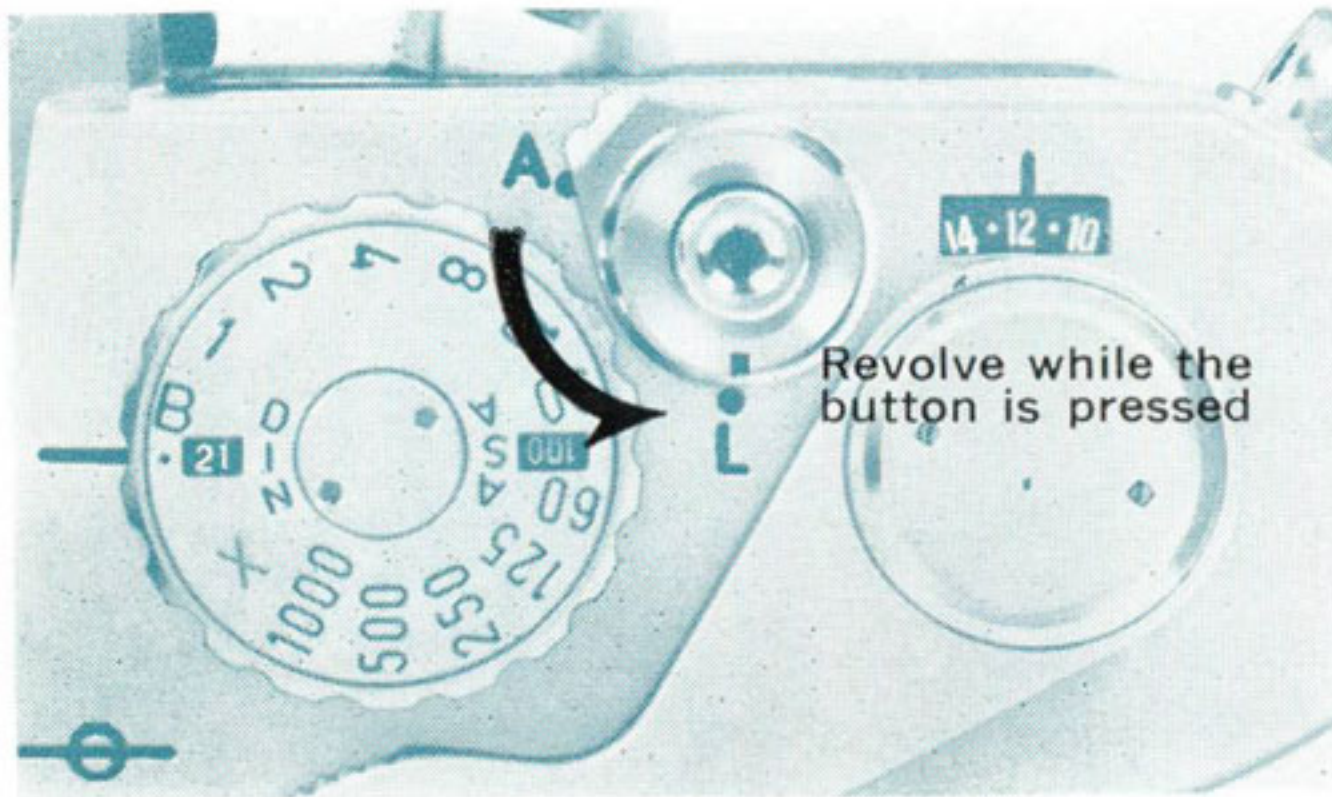
Exposure is the opening of the shutter to throw light on the film. The shutter and aperture adjust the exposure, with the shutter adjusting the exposure time and the aperture adjusting the amount of light. Since the Canon Pellix uses the zero method coupled meter, it is simple to get the proper exposure.

### Shutter Dial

By revolving the dial, it is possible to adjust the speed by turning it to the necessary index number. The index on the dial shows the denominators 1/1000 sec., 1/15 sec., etc.

- \* The index between X and B does not revolve.
- \* B means bulb exposure. The shutter remaining open during the pressing of the shutter button, it is employed when making exposures of more than one second.
- \* When it is necessary to make exposure over an extended time T (time), set it at B. Keep the shutter button pressed, and turn the T lock lever to indicator L. In this case, although the finger is removed, the exposure continues. When the lever is returned to A, the shutter closes.





- \* T exposure is possible also by using the lock-attached cable release.
- \* The X index is used for synchronizing a speed-light. Although the shutter speed is 1/60 sec., actually it is equivalent to a very short exposure during the flash time of the speedlight.
- \* Set the index at the position where the click stop catches.  
Especially in case of B index, adjust it to the white dot just below the B index.

### • Lens Aperture

Turn the pre-set aperture ring to adjust the desired F stop to the index. By doing so, the adjust-



ment of the quantity of light and depth-of-field are made.

### Pre-set Aperture

This is the mechanism for adjusting the size of the aperture which is automatically closed down. If this ring is turned and set the desired F stop to the index, the lens is closed down to the pre-selected aperture stop for the instant that the shutter is released.

Ordinarily, the diaphragm is full opening.

In other words, the pre-set aperture ring is an adjusting ring which automatically pre-fixes the size of the lens aperture.



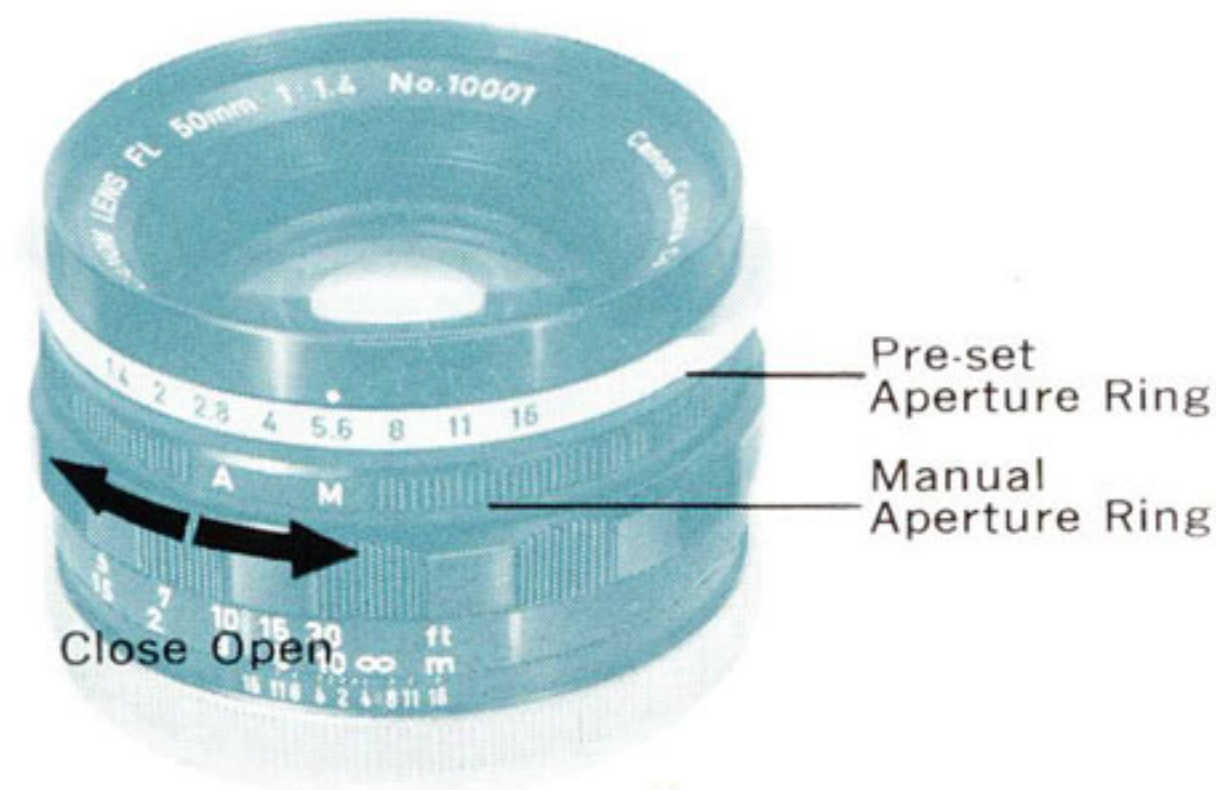
## Pre-Set Aperture Release (Manual Aperture)

Used in ordinary photography to check the depth-of-field or when fixing aperture with bellows attached. When turning the manual aperture ring, it is possible to fix the aperture up to the pre-set lens aperture, thus enabling the checking of the focus resulting from this condition.

Before taking a picture, always open the manual aperture.

## Do Not Turn the Manual Aperture Ring While the Pre-set Aperture Ring is full opening

\* In the case of the aperture, as the numerical value gets larger the amount of light reaching the film becomes correspondingly less. For each aperture, the light is reduced one-half. Accordingly, when the aperture is increased by one index point, the exposure is doubled, and when it is increased by two index points the exposure is quadrupled. Half-way points on the aperture index may also be used. Depending on the lens, there are instances where there is no relation to the lightness being halved between the



maximum diameter of the aperture and the next aperture reading. Canon Pellix, by using the built-in meter, can easily determine the lens aperture which sets the shutter speed.

\* The ratio between aperture and the amount of exposure, using F2 as the basis, is as follows:

Lens Aperture

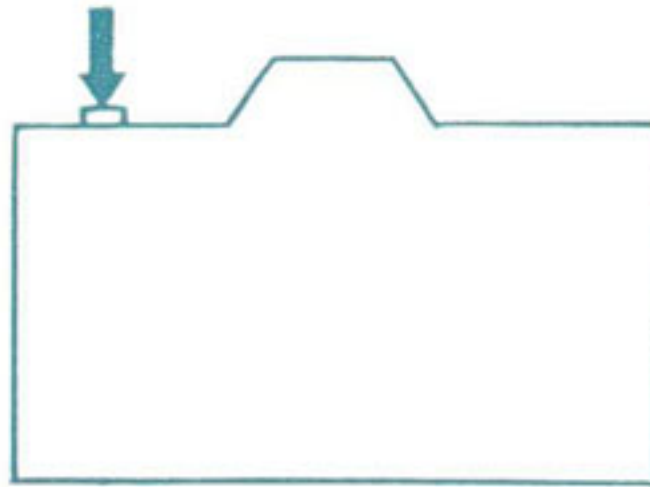
1.2 1.4 1.8 2 2.8 (3.5) 4 5.6 8 11 16 22

Exposure Ratio

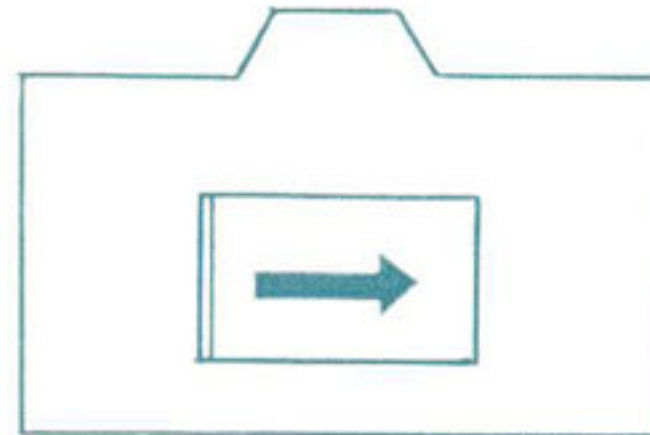
1/3 1/2 1/1.25 1 2 (3) 4 8 16 32 64 128



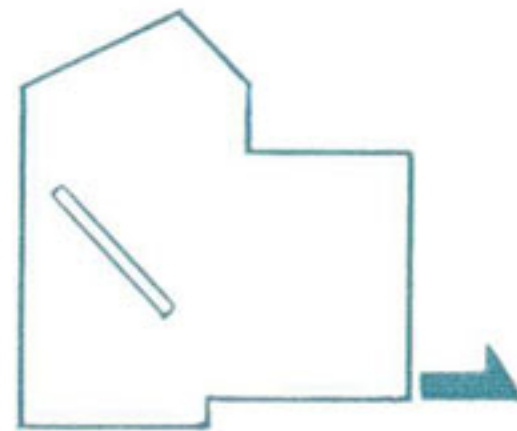
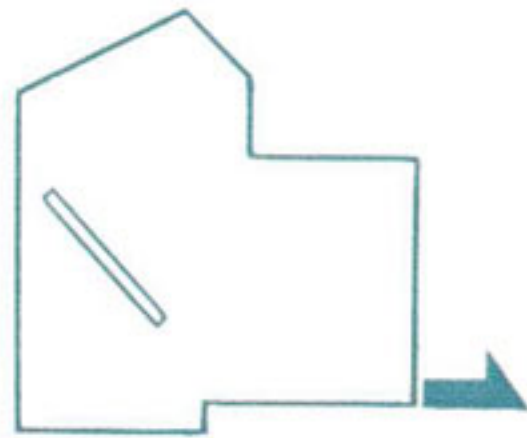
## Relation Between the Pellicle Mirror, Diaphragm and Shutter



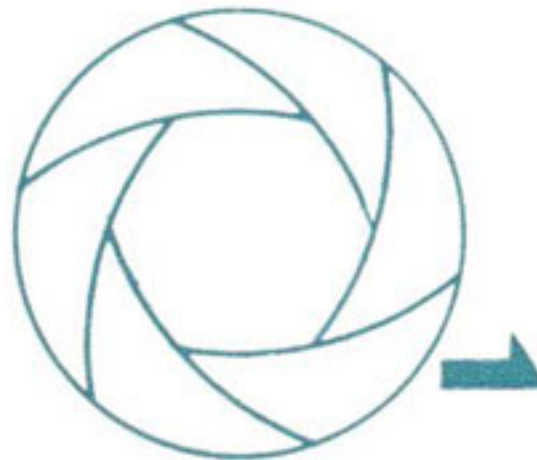
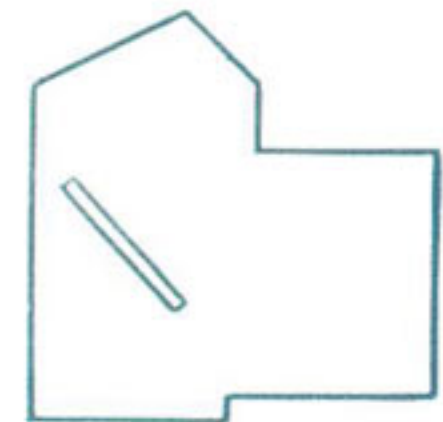
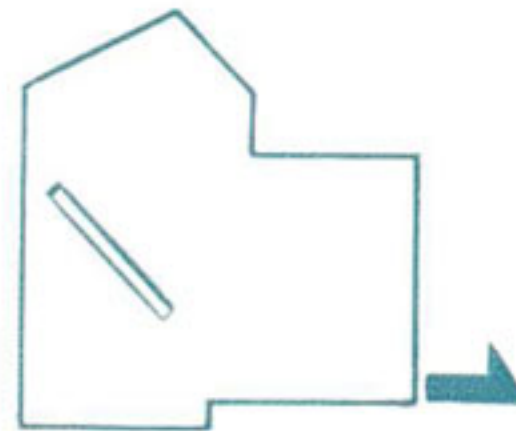
Press the shutter button



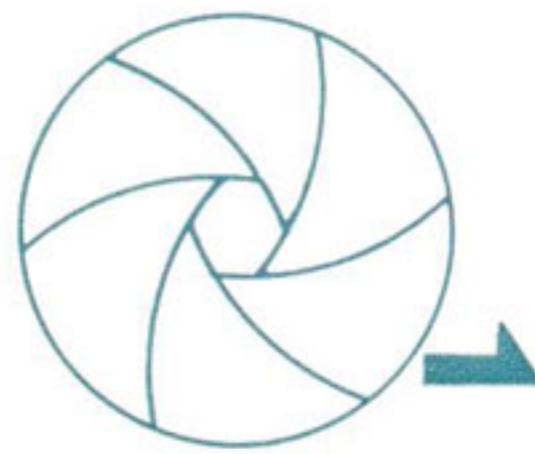
The shutter is clicked



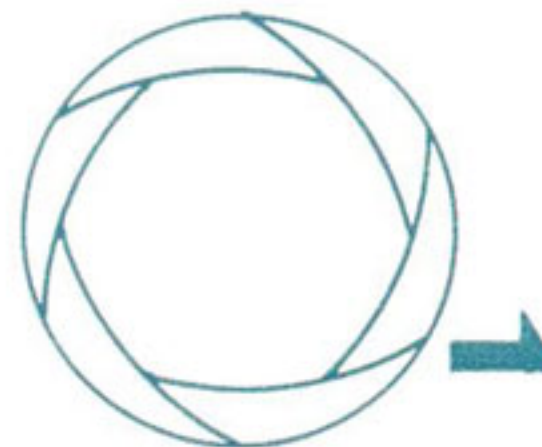
Mirror always remains fixed



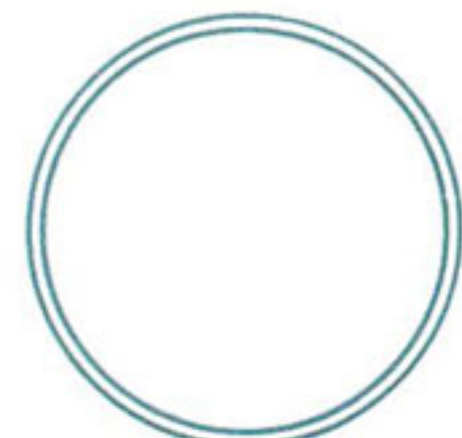
The diaphragm begins to close



Closed down to pre-set position



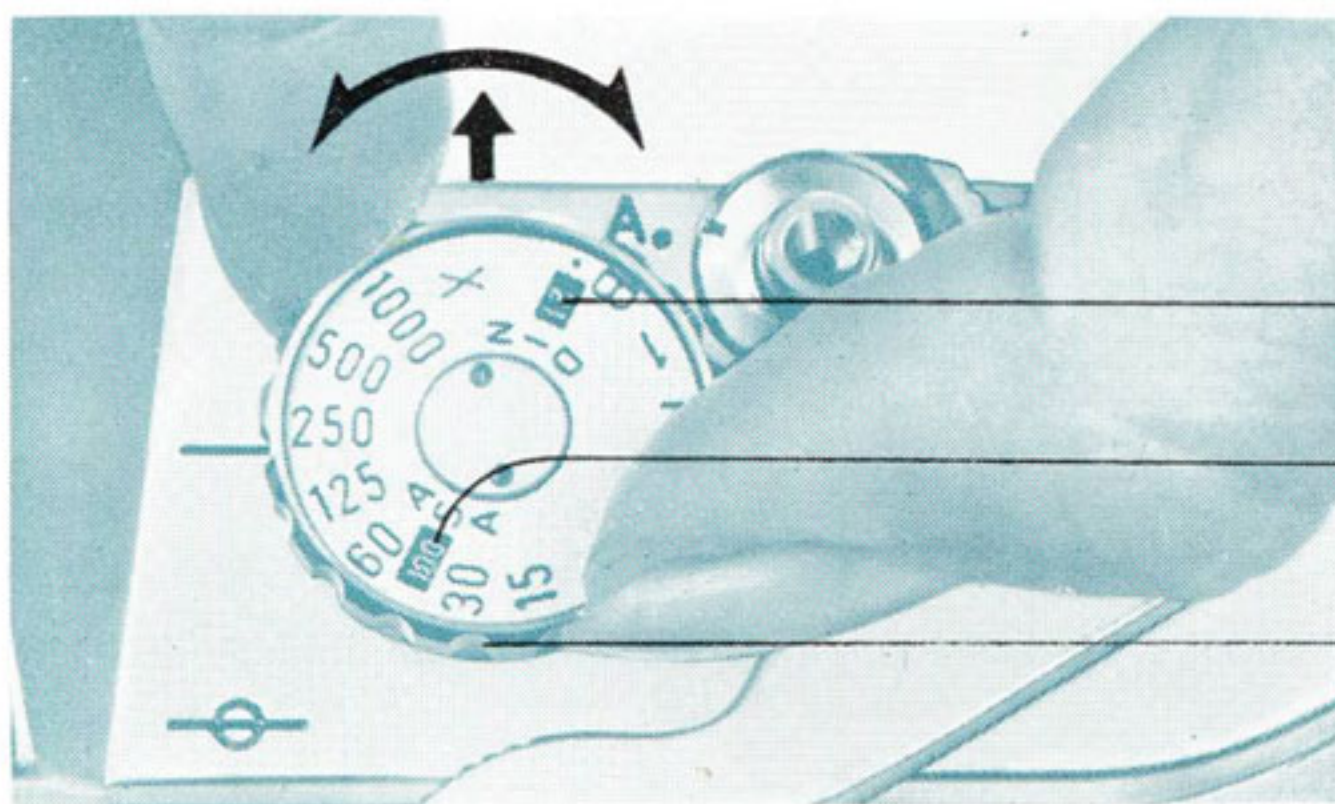
The diaphragm begins to open



The diaphragm is full opening



## How to Use Built-in Light Meter

DIN Film Speed  
Window

ASA Film Speed Window

Lift up the outer sensitivity set-ring and turn

The Canon Pellix Meter, which is of zero method type, is coupled to the shutter dial and aperture ring. The exact exposure may be easily determined according to the brightness of the subject to be photographed. Although there are two ways of determining the exposure—either by first selecting the shutter speed or by first selecting the lens aperture—in any case, it is most important that the essentials are mastered.

### Preparations—Film Speed Setting

Show the film speed of the film used in the small window. To do this, hold up and turn the sensitivity set-ring around the shutter dial. If the film is ASA 100, for example, make correct setting by

showing 100 in the ASA window.

- \* When ASA 10 appears in the small window, this is as far as it will turn to the left. The right turn extremity reads 800.

- \* The following film speeds may be used:

|     |       |       |      |      |      |      |       |       |       |       |     |
|-----|-------|-------|------|------|------|------|-------|-------|-------|-------|-----|
|     | (12)  | (20)  | (32) | (40) | (64) | (80) | (125) | (160) | (250) | (320) |     |
| ASA | 10    | • 16  | • 25 | • •  | 50   | • •  | 100   | • •   | 200   | • •   | 400 |
| DIN | 11    | • 13  | • 15 | • •  | 18   | • •  | 21    | • •   | 24    | • •   | 27  |
|     | (12)  | (14)  | (16) | (17) | (19) | (20) | (22)  | (23)  | (25)  | (26)  |     |
|     | (500) | (640) |      |      |      |      |       |       |       |       |     |
|     | •     | •     | 800  |      |      |      |       |       |       |       |     |
|     | •     | •     | 30   |      |      |      |       |       |       |       |     |
|     | (28)  | (29)  |      |      |      |      |       |       |       |       |     |

Figures in brackets present intermediate film speeds.

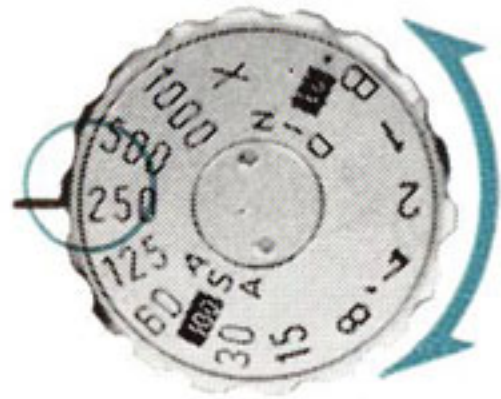
- \* Explanations of the film speed are shown either on the film box cover or in the explanatory sheet.



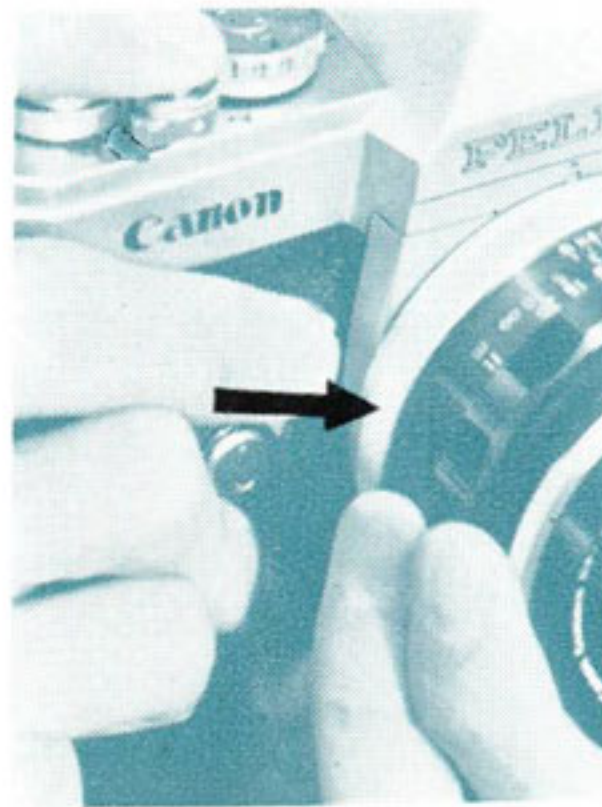
## Exposure Setting-1

### (Adjusting with the aperture)

1



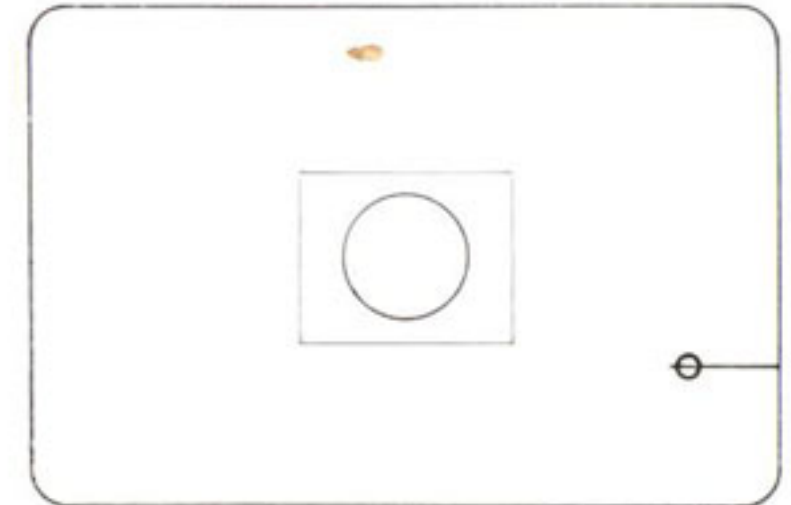
2



3




4



1. Set the shutter at a desired speed.
2. Face the camera towards the photographic subject, look into the viewfinder, and press the CdS actuating lever.  
Press the lever fully until it stops.
3. Press the lever and turn the aperture ring.
4. Set the meter needle at the fixed dot within the viewfinder for correct exposure.

\* Canon's unique TTLS system has been adopted in the Canon Pellix which provides the most accurate photometry. Under this system, the light receiving part of the built-in meter is placed in the closest position to the film on the back side of the pellicle mirror.

\* The  frame on the outside of the prism screen within the viewfinder is the same size as the CdS light receiving part. Place the center

of the photographic subject within this frame and measure the intensity of light. In this way the photographer can decide the best exposure for his photographic needs. The revolutionary TTLS system makes possible the measuring of exposures in counter-light conditions, something that was difficult to do with conventional exposure meters.

\* There is no need to pay attention to the B or X indexes of the shutter dial. Neither can be measured with the exposure meter because B is used for long exposure over one second, and X is used for speedlight (flash photography).

\* During the use of the meter, there are instances of the movement of the needle becoming slack, owing to changes in the degree of light, but this is due to the peculiar characteristics of the CdS.

When taking pictures against light, always use lens hood.



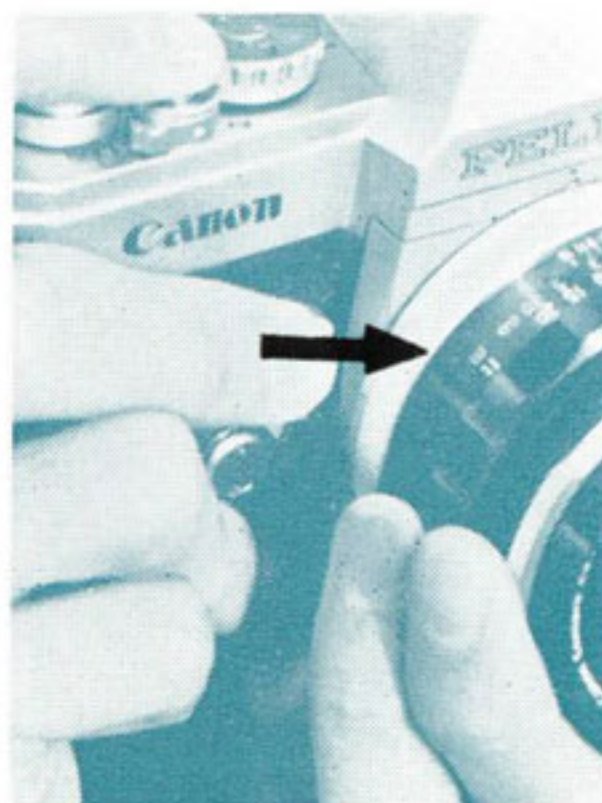
## Exposure Setting-2

### (Adjusting with the shutter)

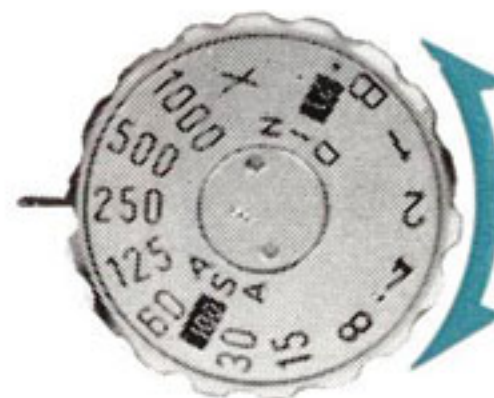
1



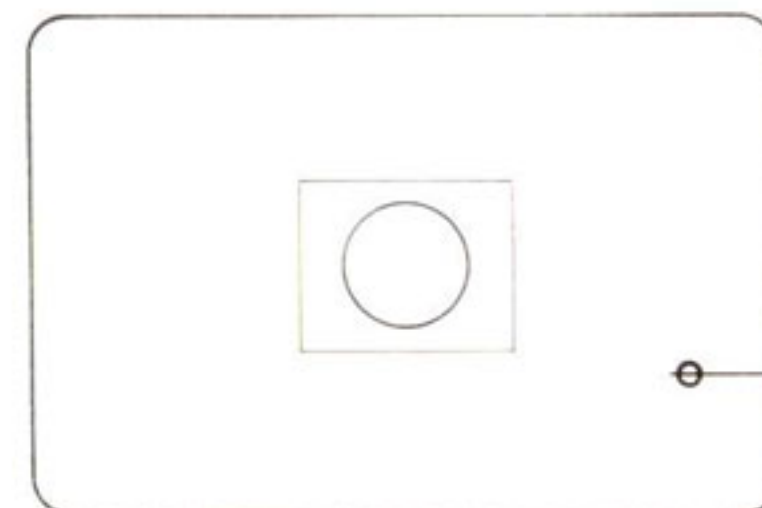
2



3



4

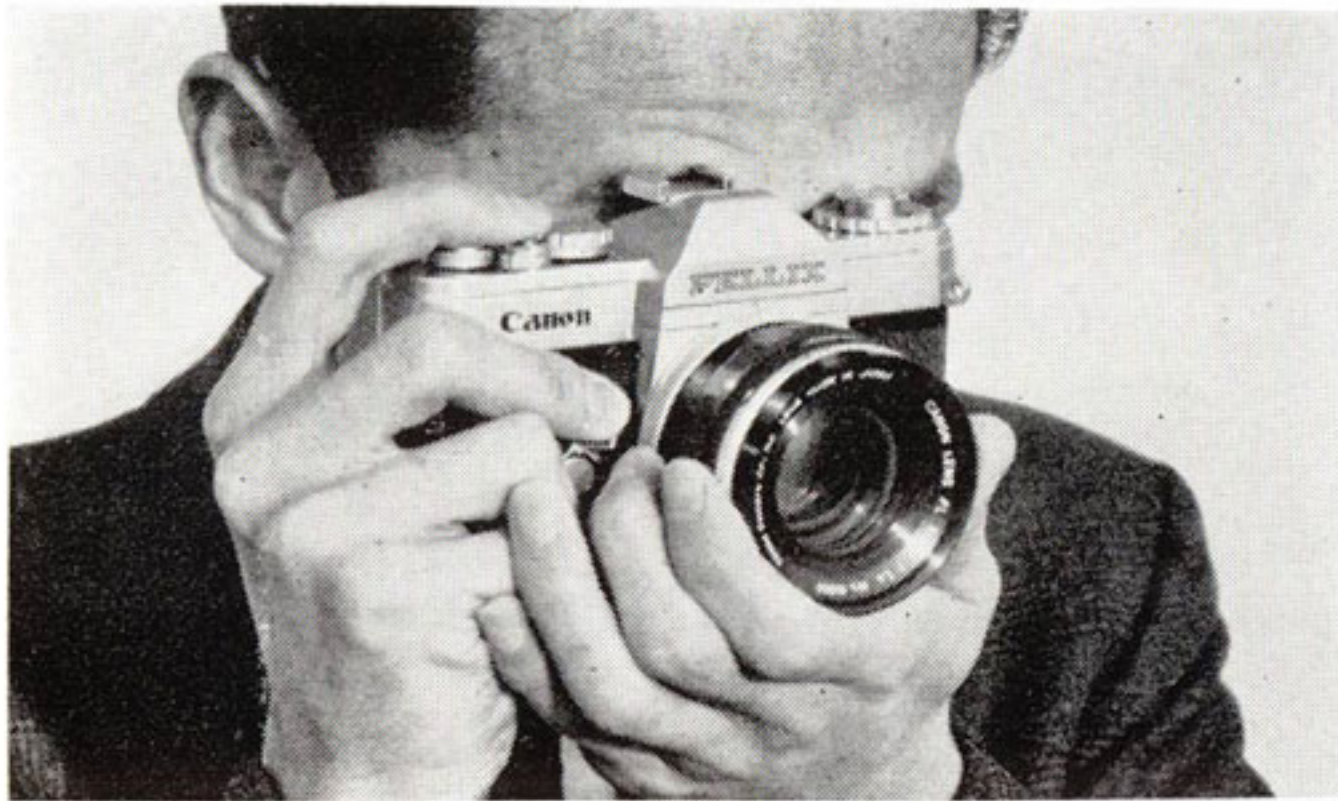


1. Set the lens aperture at the desired stop.
2. Face the camera towards the photographic subject, look into the viewfinder, and press the CdS actuating lever.
3. While pressing the actuating lever, turn the shutter dial.
4. Set the meter needle at the fixed dot within the viewfinder for correct exposure.

\* Intermediate positions on the shutter dial scale are unusable, but since any aperture may be utilized, the shutter speed should first be determined when strictly considering the exposure. It is most practical to adjust the aperture according to this.



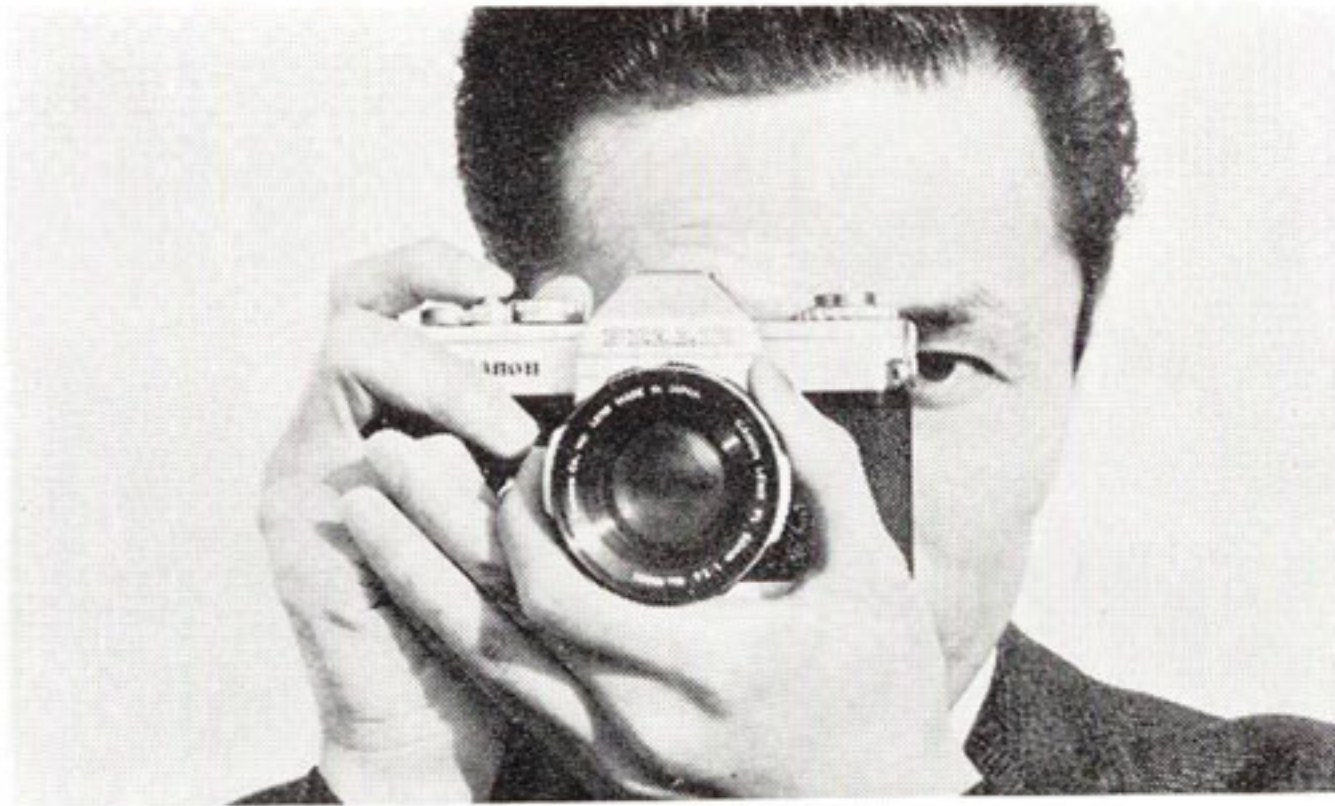
## Holding the Camera



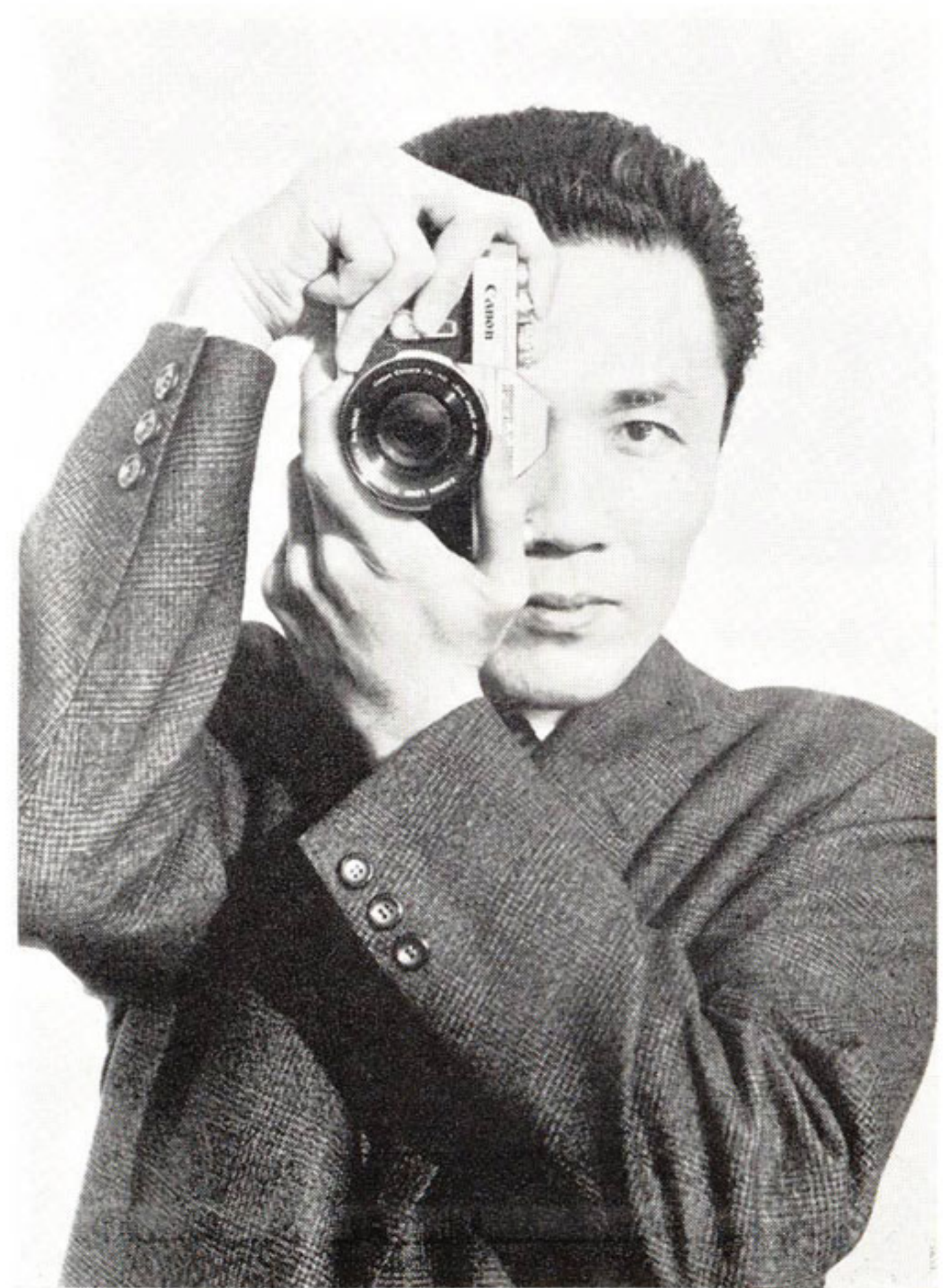
Holding the camera firmly is very important if you want to take a clearly focused picture. Hold the camera in either vertical or horizontal position, as shown in the photographs. Look through the finder, and adjust the focus while determining the composition. Then, gently press the shutter button. At this time, it is important to consider the following points.





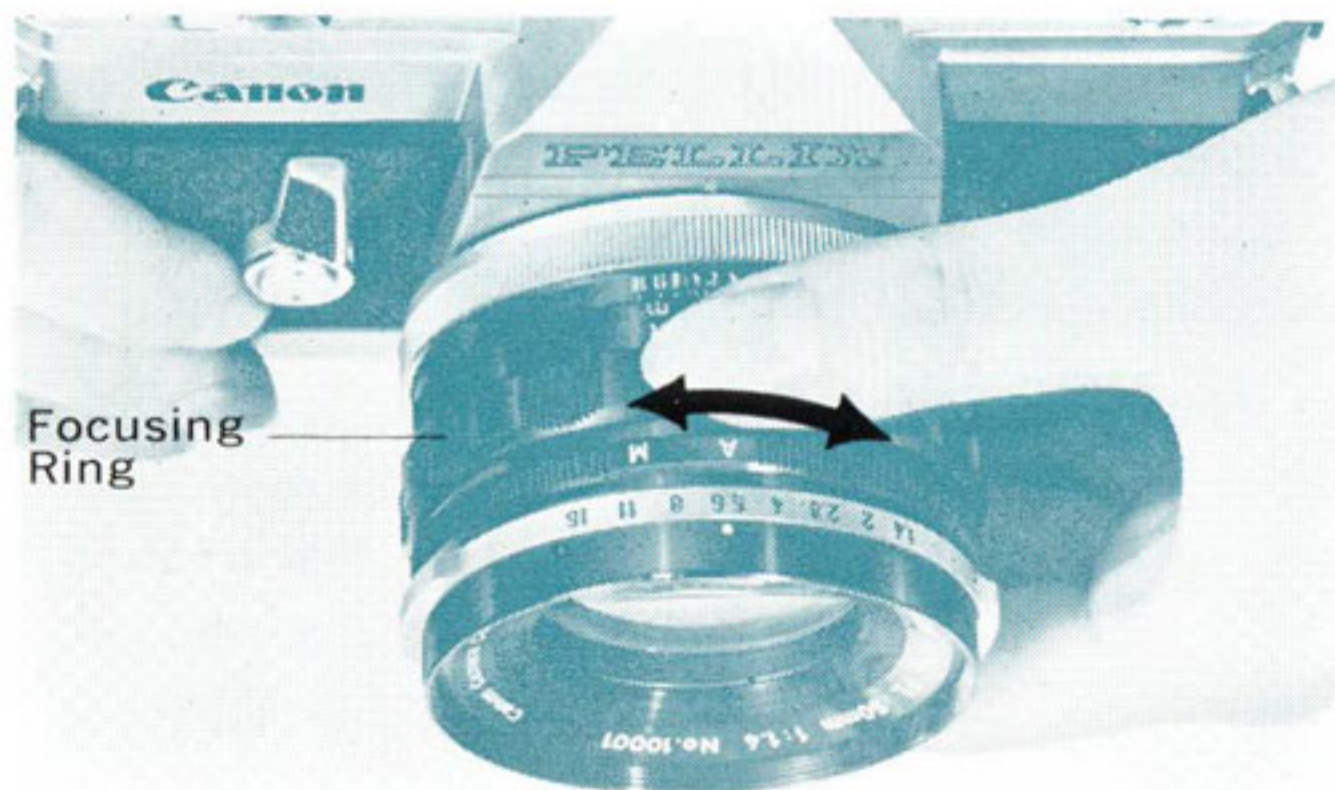


1. Hold the camera with both hands as firmly as possible.
  2. Stabilize the camera by pressing it against the cheek or forehead.
  3. When the camera is in a horizontal position, both elbows should be firmly against the body, and at least one elbow should be resting against the body when in a vertical position.
- \* Rough pressing of the shutter button, causing camera movement, is one cause of picture distortion.
  - \* It is advisable to use the tripod and cable release. Particularly recommended when using a slow shutter speed below 1/30 sec.





## Focusing



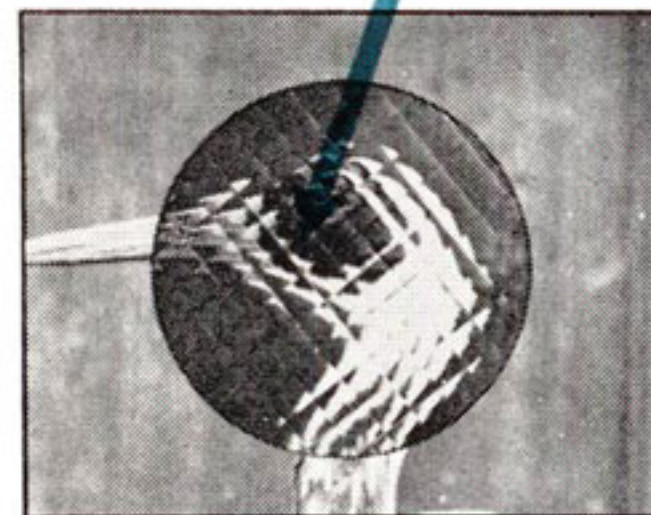
While looking through the viewfinder, rotate focusing ring.

The center of the viewfinder (circular section) is prism screen for focusing made up of more than 2000 microscopic prism.

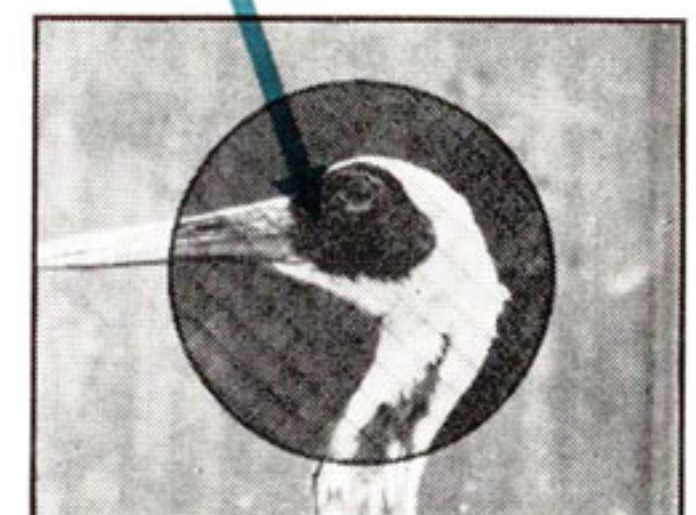
## Viewfinder Range



It is out of focus when the image within the circle in the center of the viewfinder is unclear. It is in focus when the images coincide—the unclear images become clear.

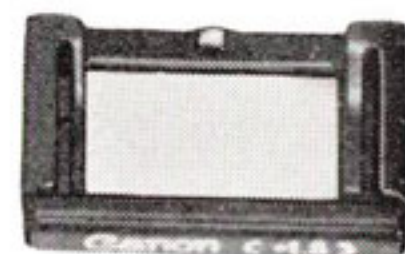


Out of focus



In focus





+1.5



0



-2.5



-4(diopter)

- \* The viewfinder is equipped with eyesight adjustment lenses. When attached, they let you take pictures without glasses for those who are far-sighted or near-sighted.
- \* The central circular section is not a focus glass. Use it only as a rangefinder.
- \* When focusing on the surface of the focus glass, do this outside the central circular section.

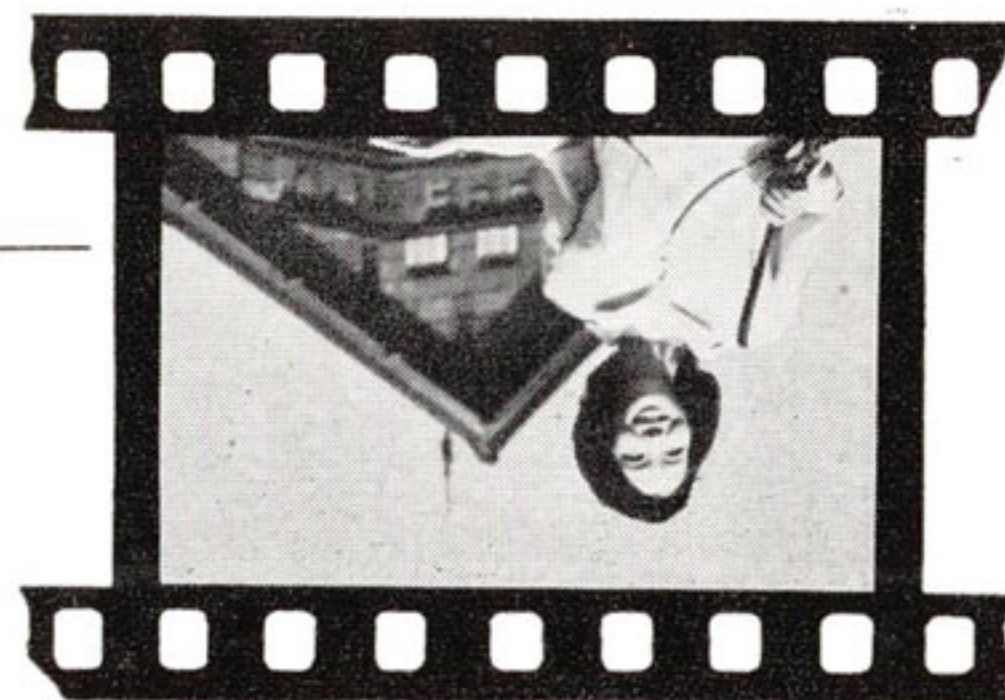
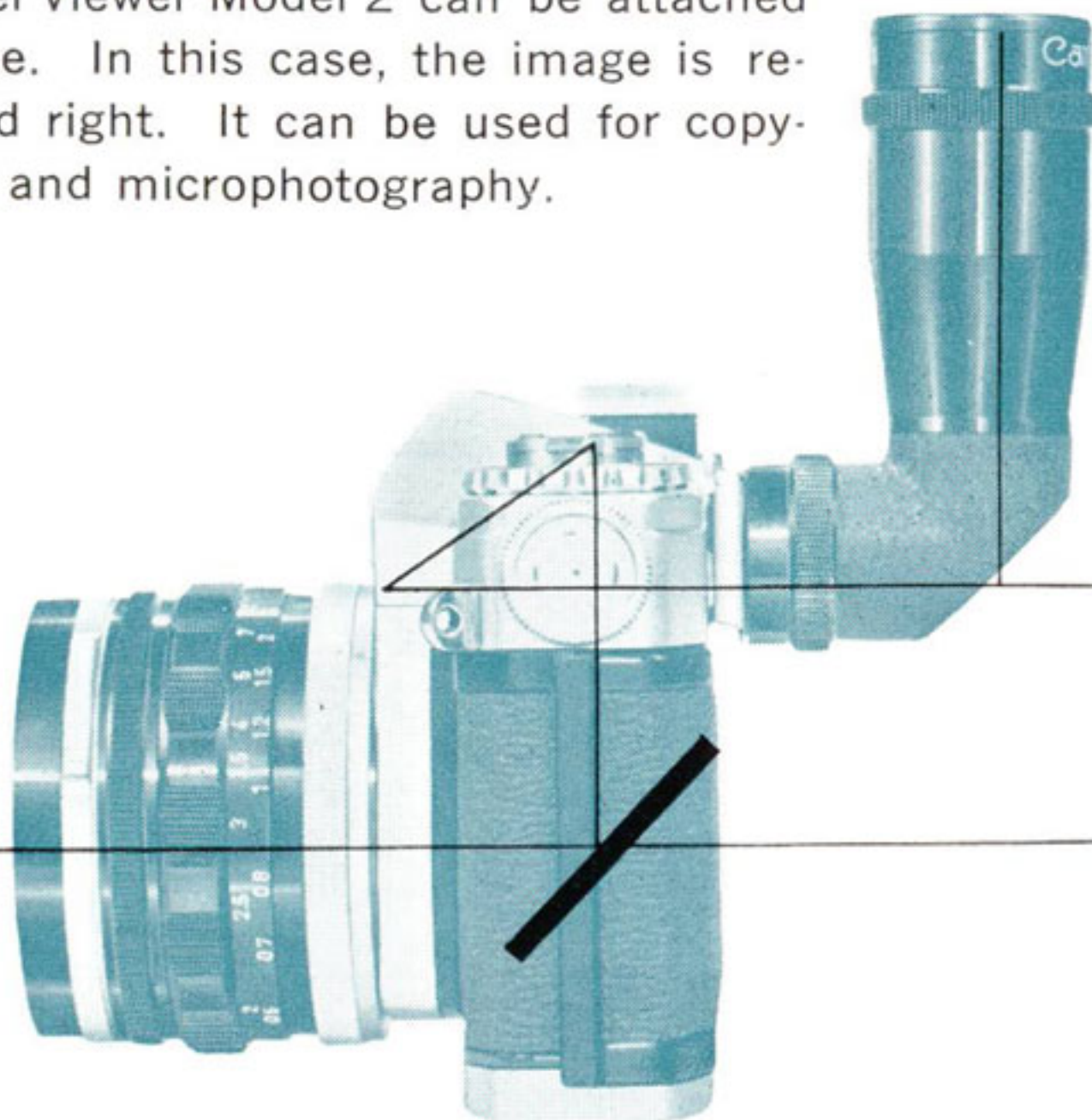




## Composition and Viewfinder

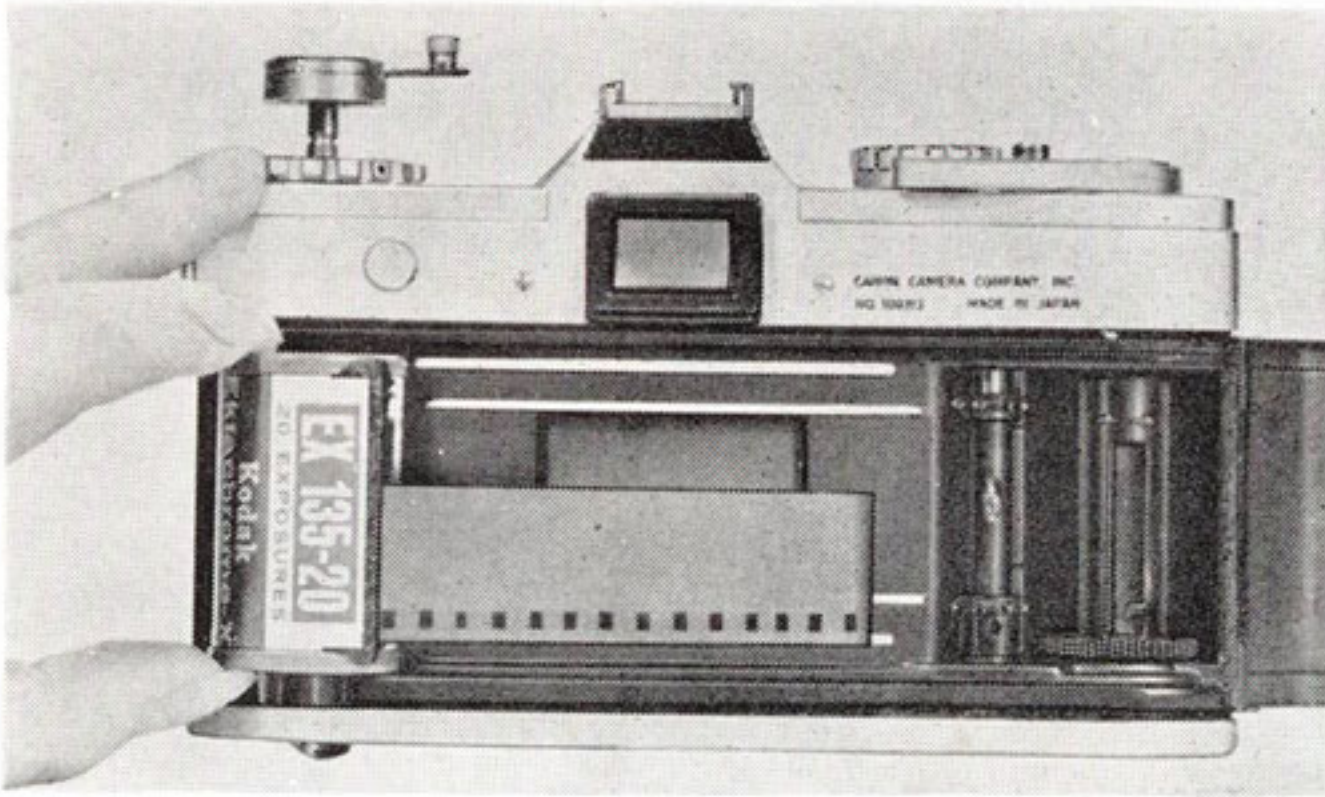
The picture to be recorded on the film can be seen on the surface of the focus glass. There is no parallax error. It is possible to determine the composition exactly according to the viewfinder.

\* The Waist-Level Viewer Model 2 can be attached to the eyepiece. In this case, the image is reversed left and right. It can be used for copying, enlarging and microphotography.

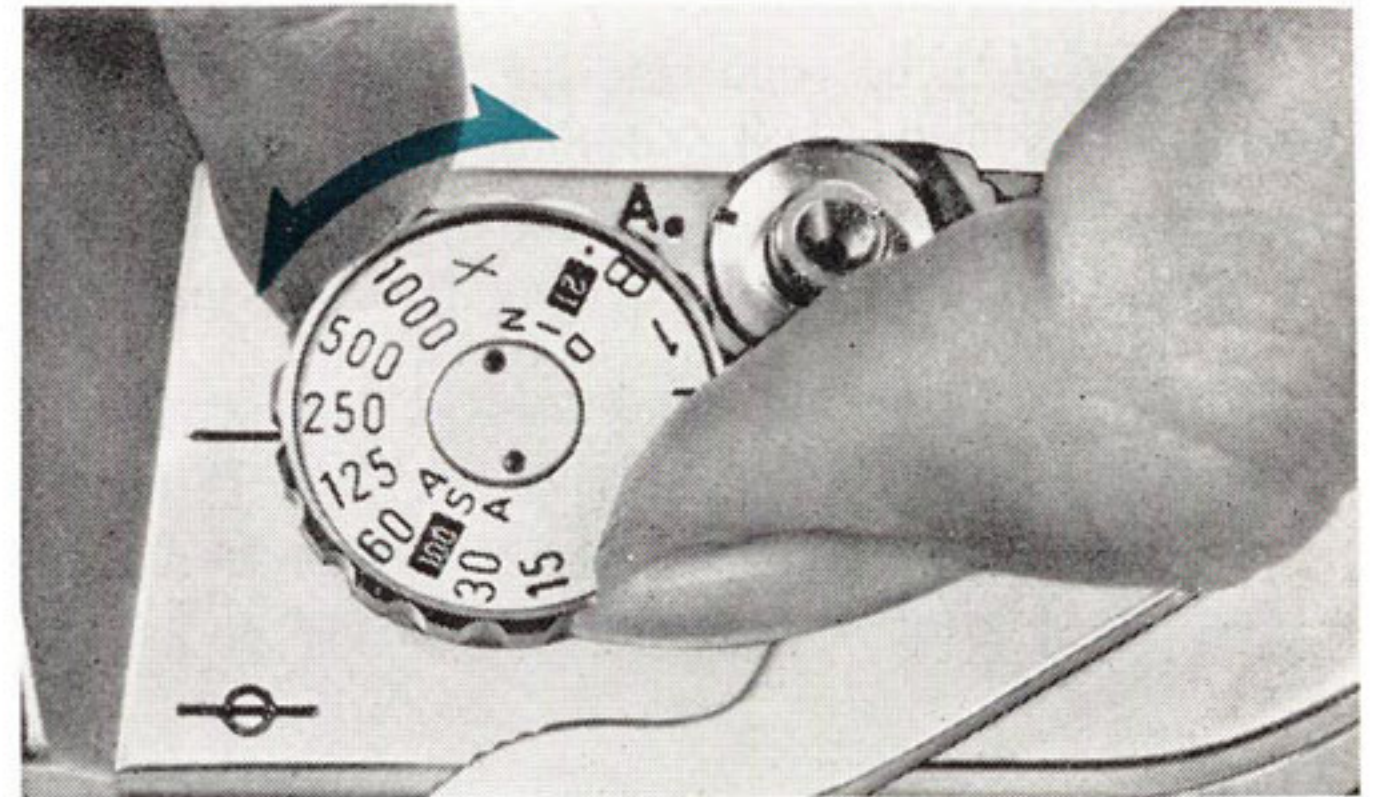




## Preliminary Steps in Photography



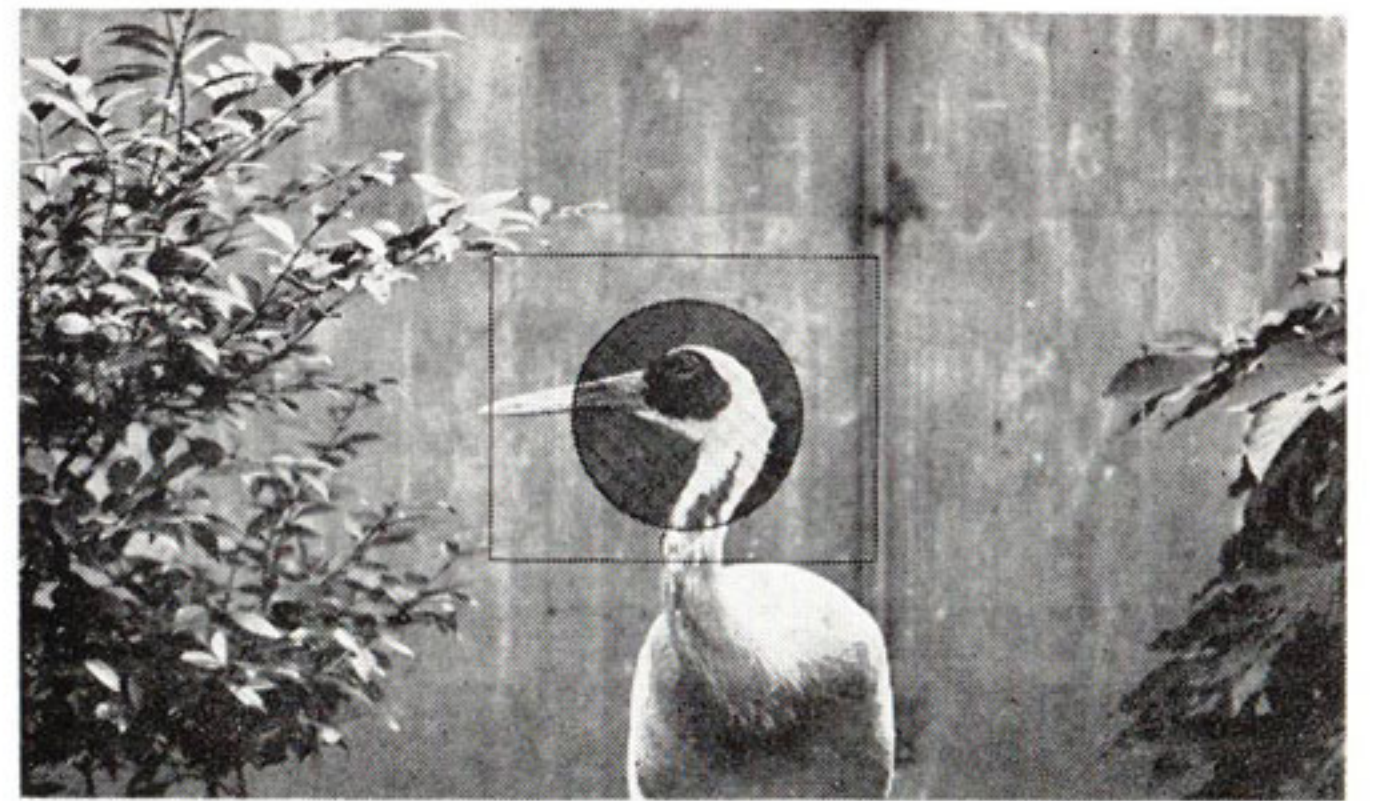
1. Load the film.



2. Set the film speed.

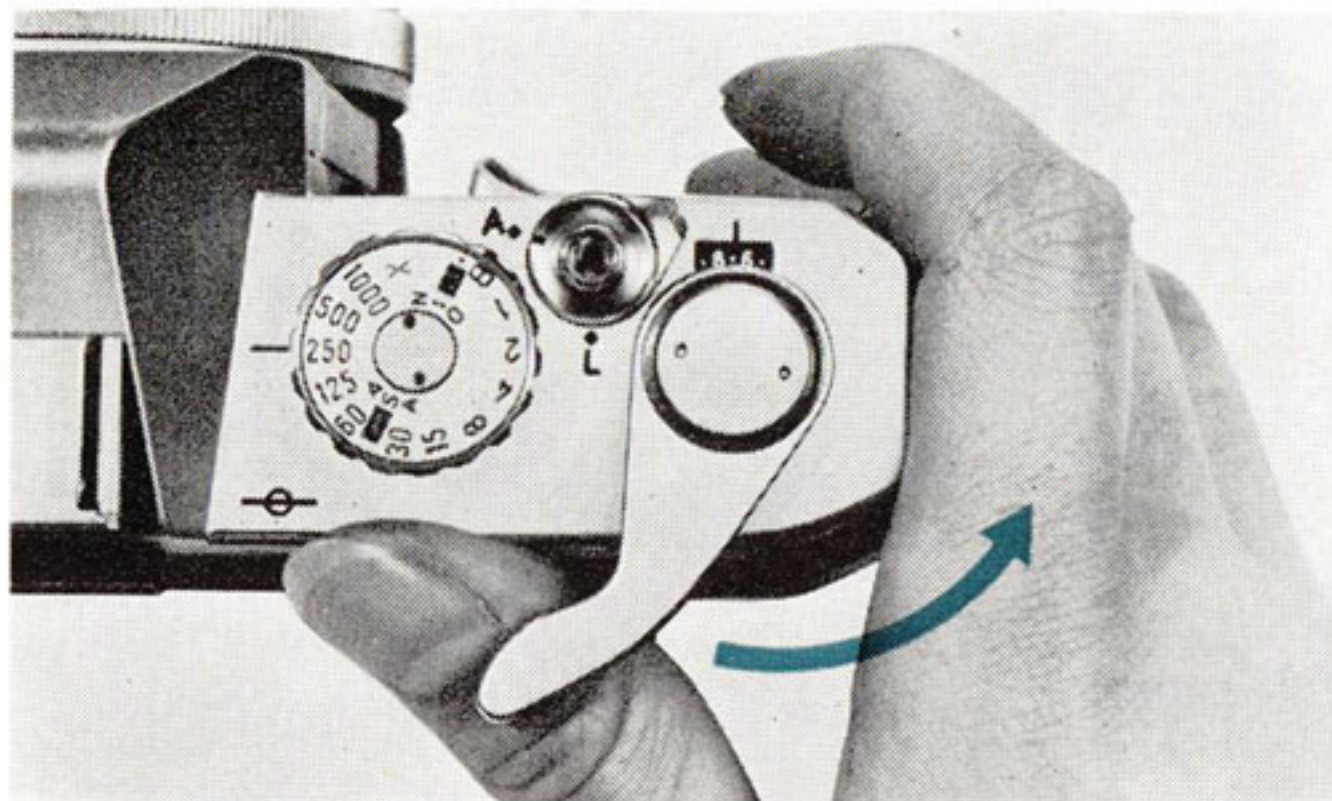


5. Look through the viewfinder.



6. Focus and compose the picture.





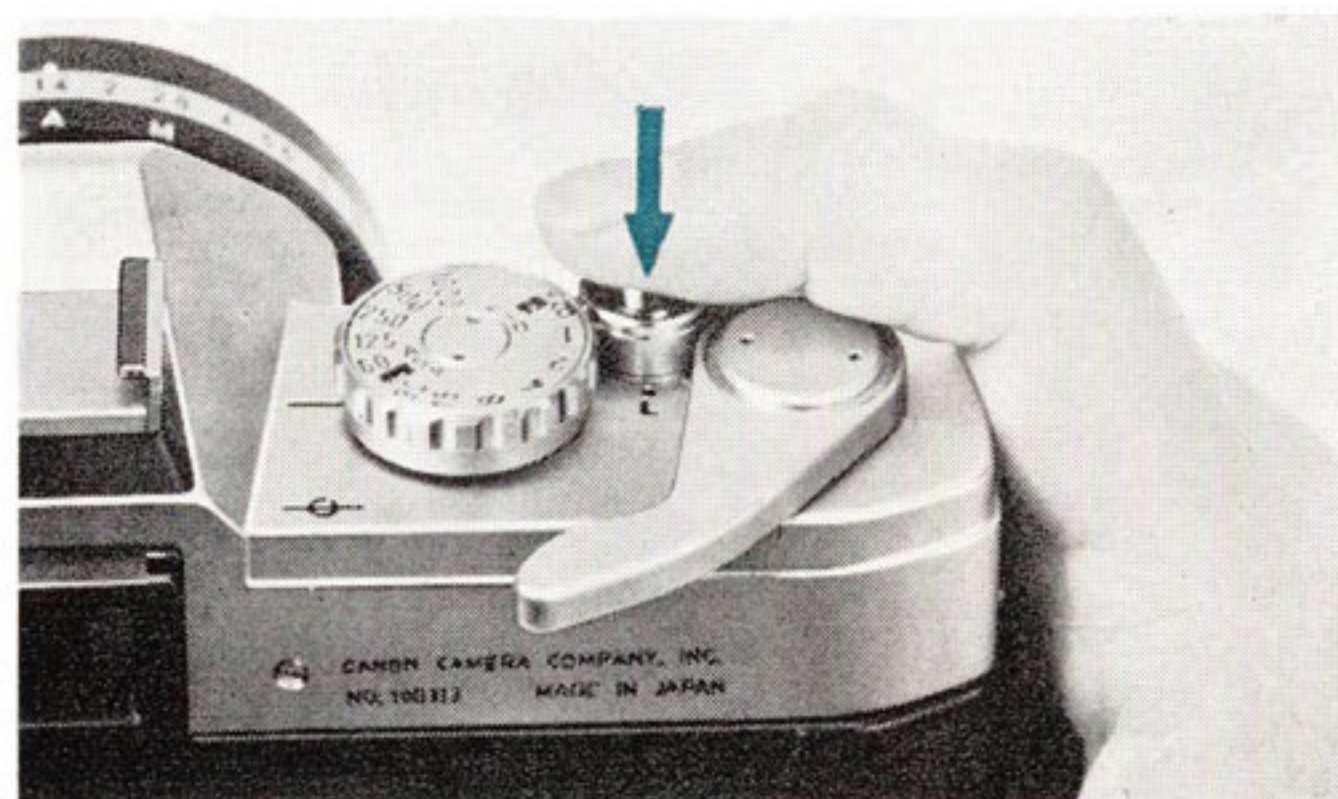
3. Wind the film advance lever.



4. Remove the lens cap first.



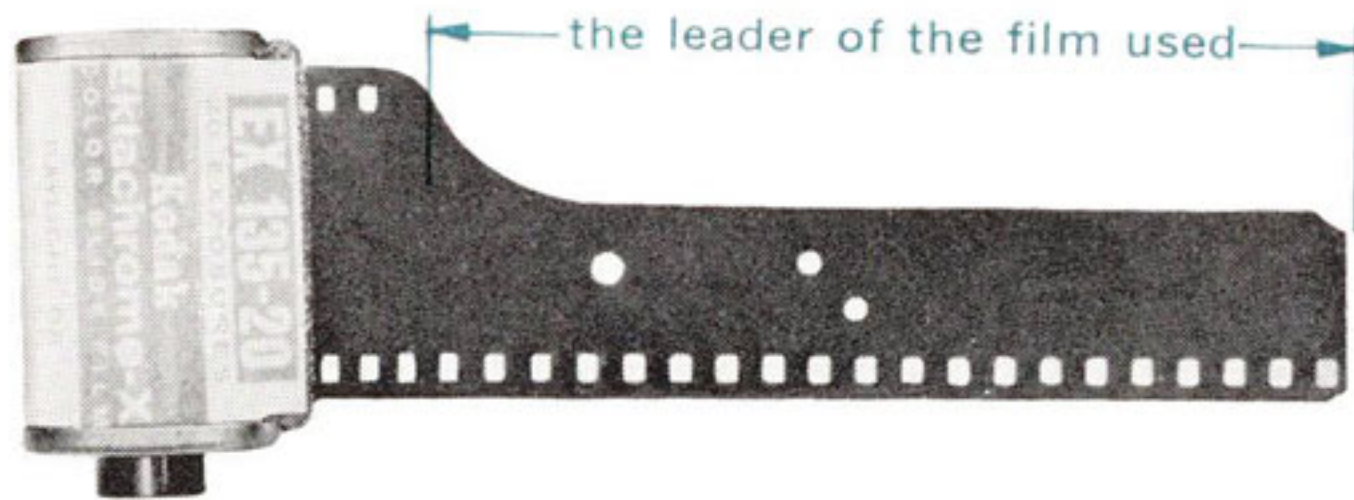
7. Determine the exposure with built-in meter.



8. Press the shutter release button.



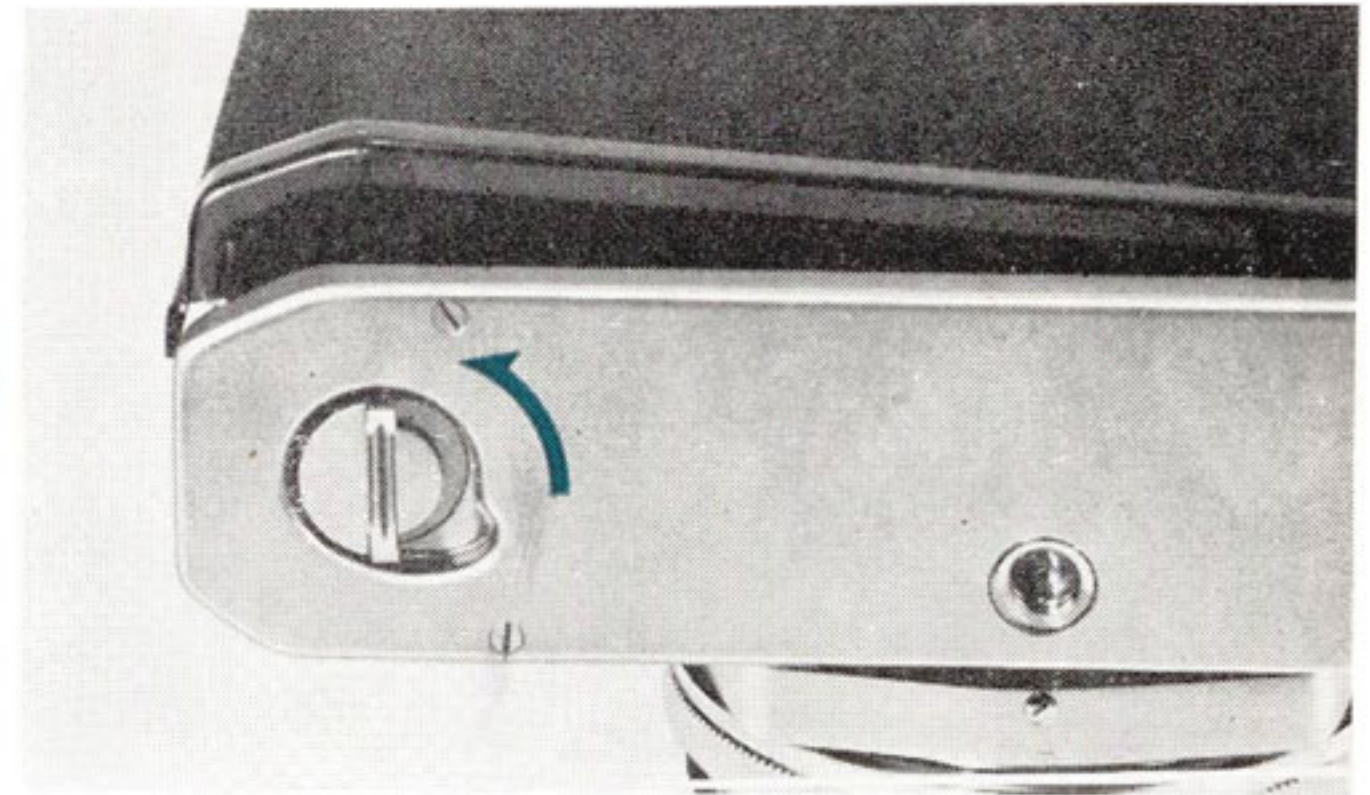
## Film Loading



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

Film used : Ordinary 35 mm film in cartridge for daylight loading.

Handling : When loading, avoid direct sunlight. When unavoidable, face back to the sun and load quickly.



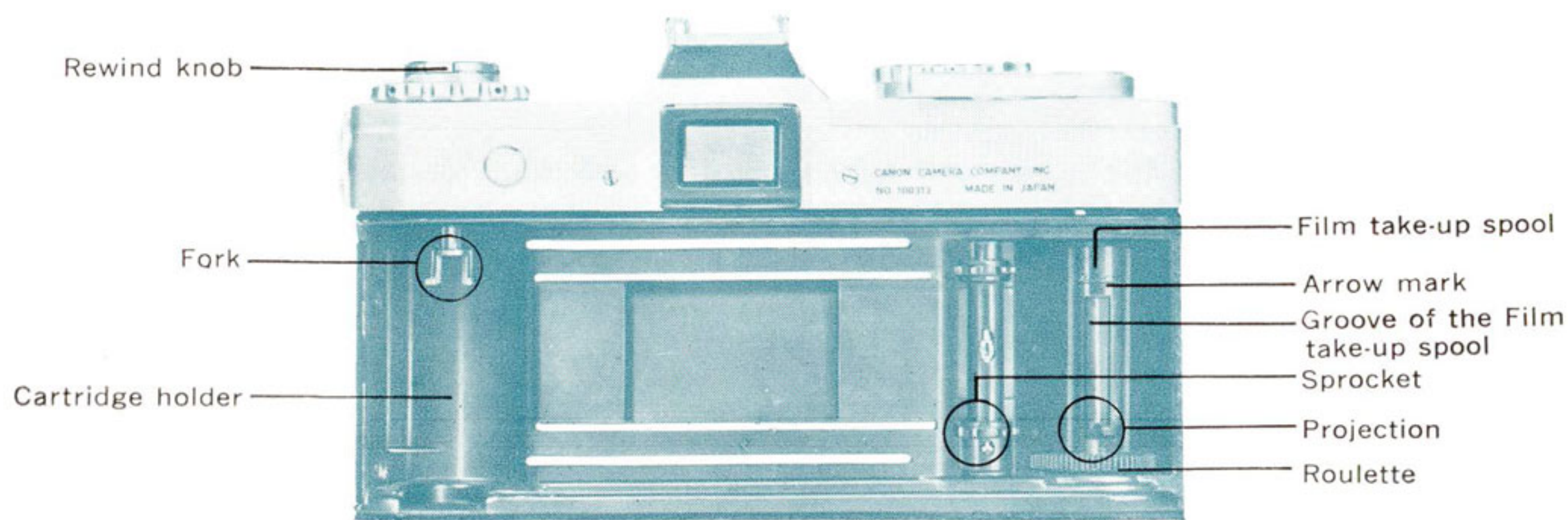
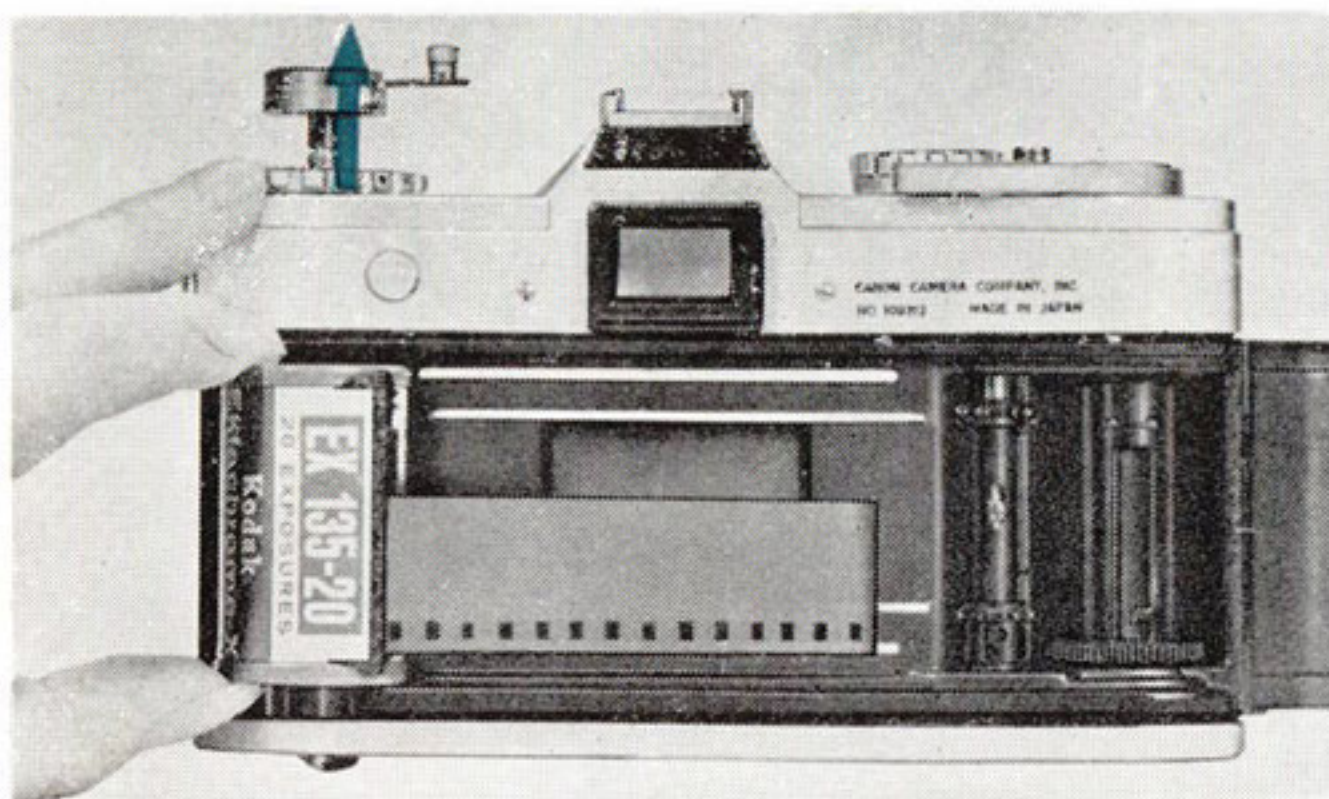
1. **Open the back cover.**

Raise the opening and closing knob, make a half turn to the left, and the cover will rise.

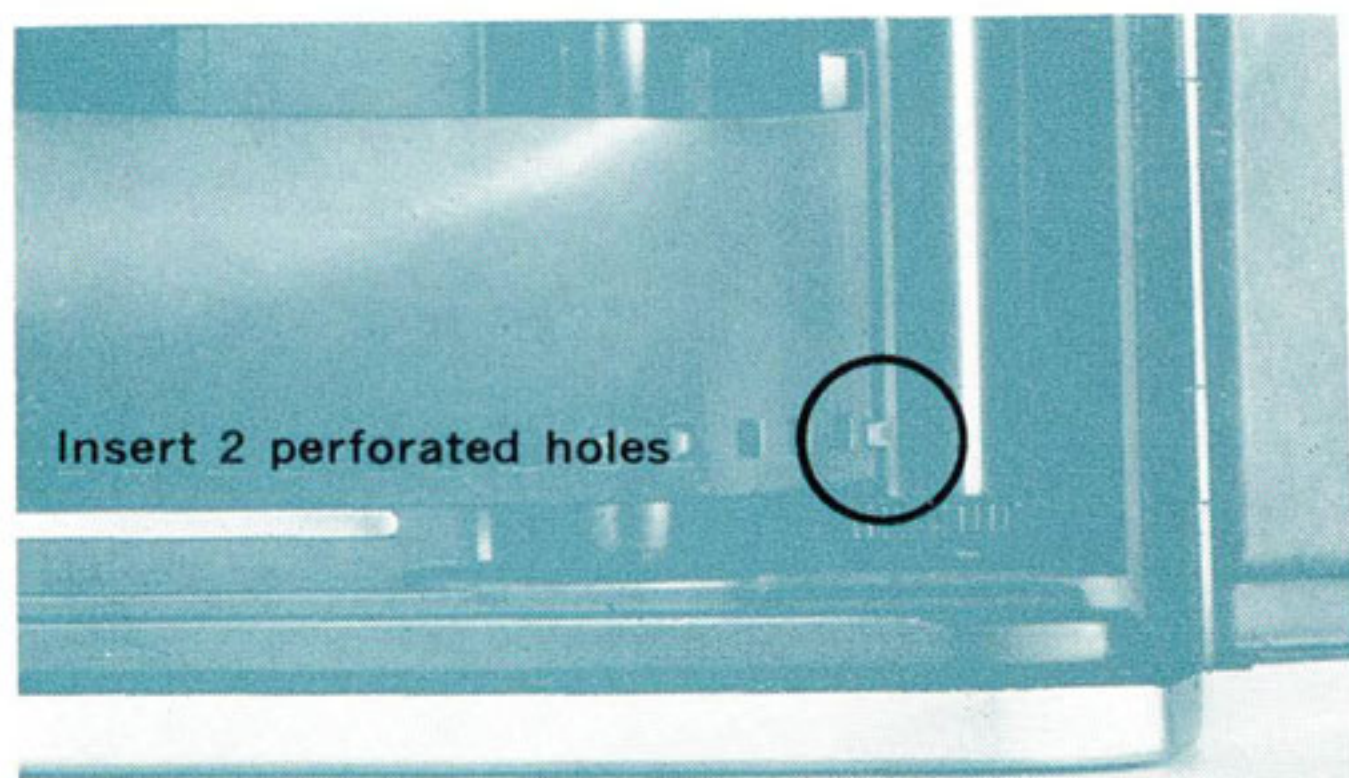
2. **Insert cartridge.**

Raise the rewinding knob sufficiently. When the cartridge has been inserted, push the knob back to its former position again. Push the fork into the axis of the cartridge. In case the knob does not fully return, it can be easily put into proper position by turning it slightly to the left or right.



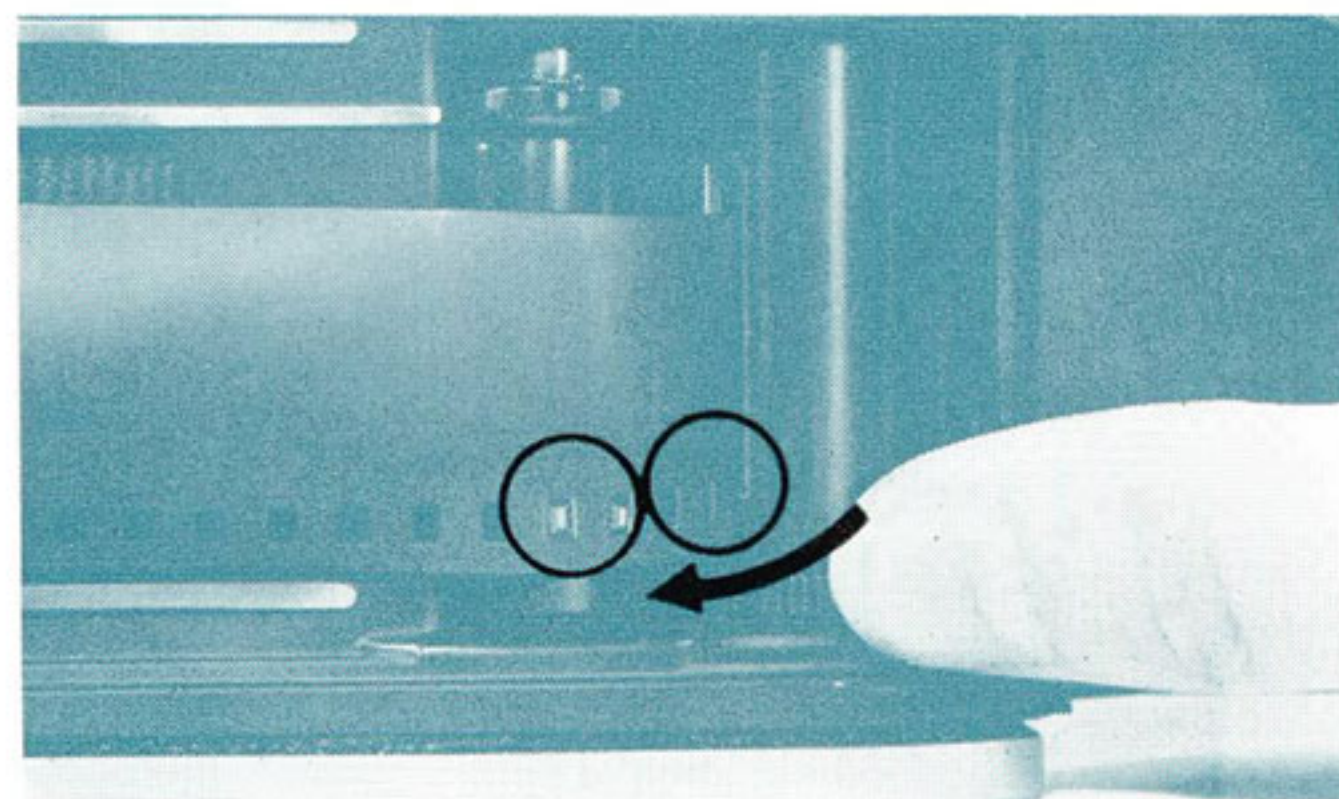






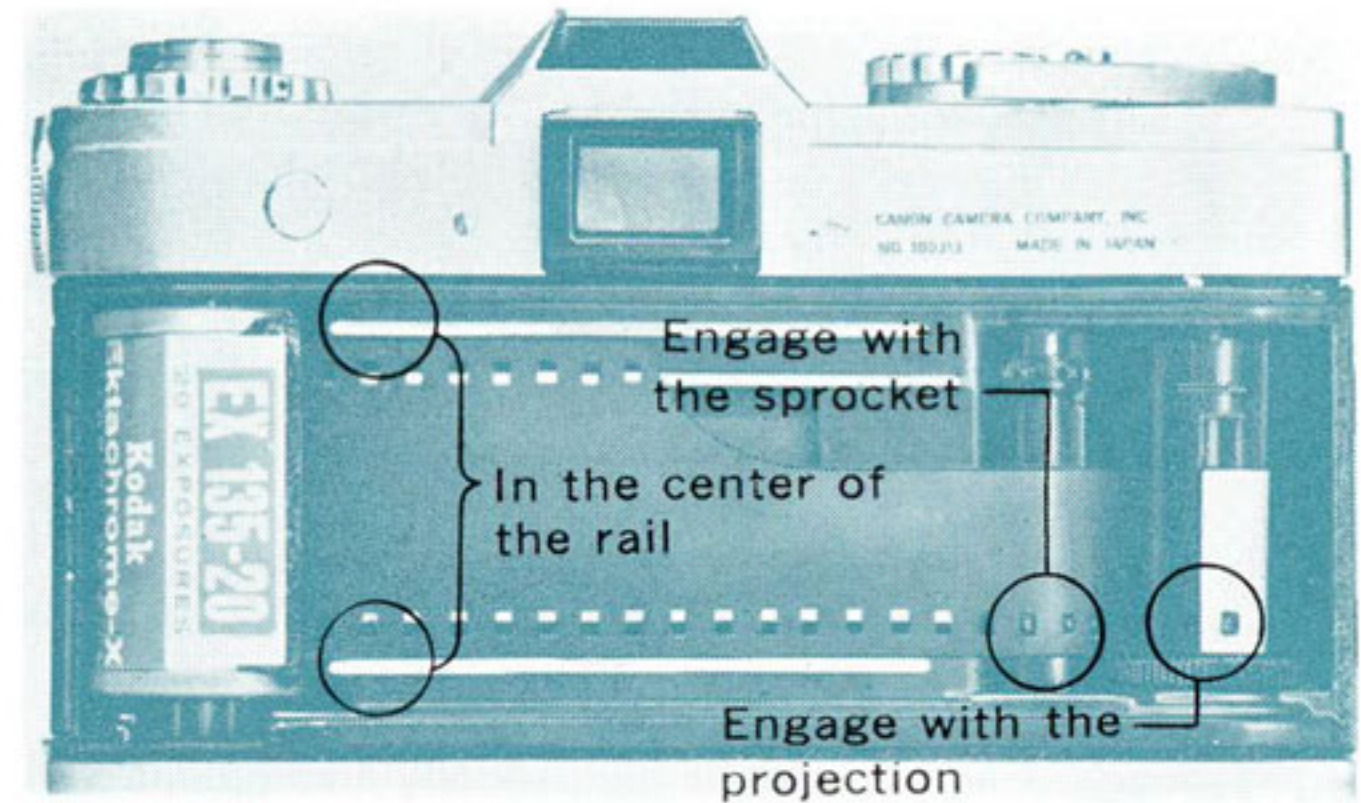
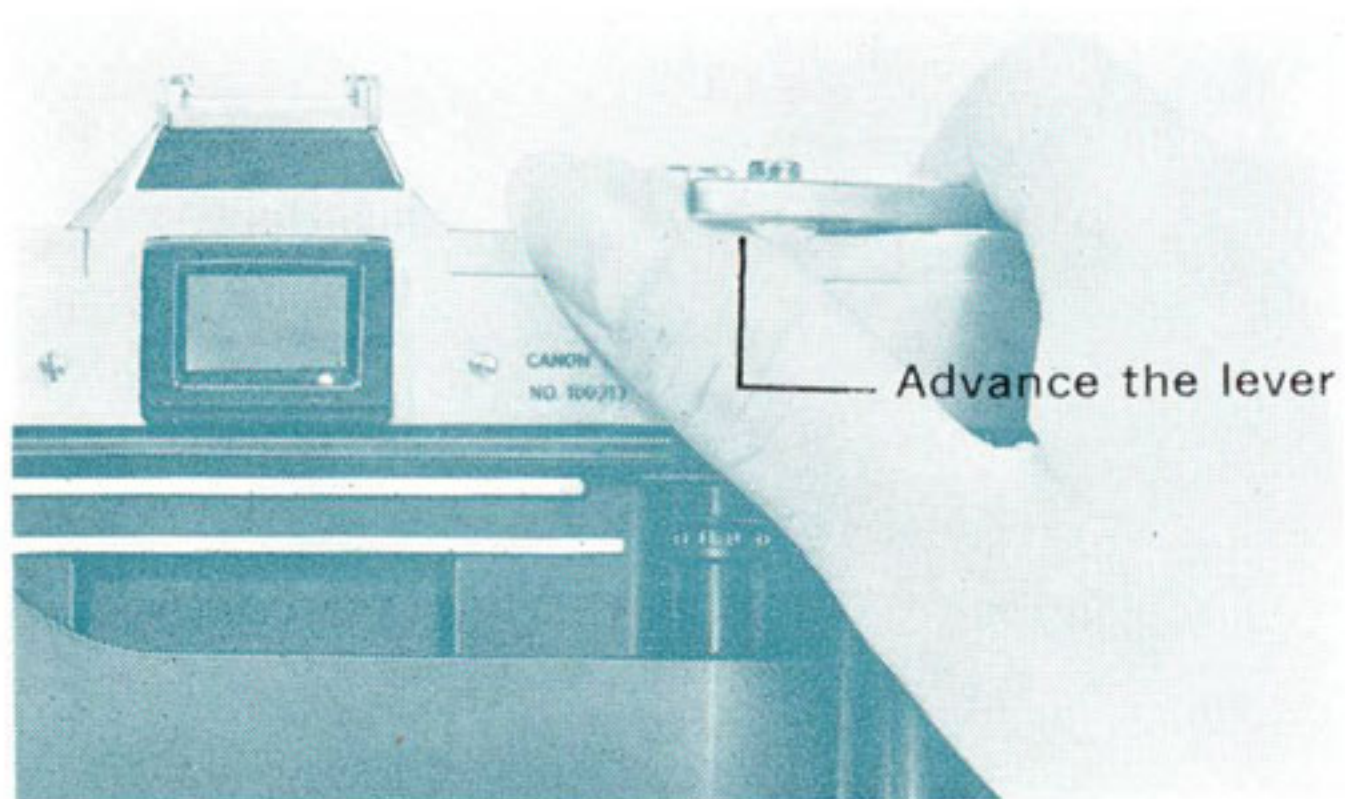
3. **Insert the film.**

When the groove is hidden on the opposite side, turn the roulette in the direction of the arrow, and bring it to the front. Pull out the tip of the film just a little, and insert it securely into the groove, while seeing that it does not become bent. The proper amount to be inserted is about two perforations.



4. Next, while turning the roulette in the direction of the arrow, engage the holes of the film with the projection of the film take-up spool and make certain that the film does not slip from the sprocket.

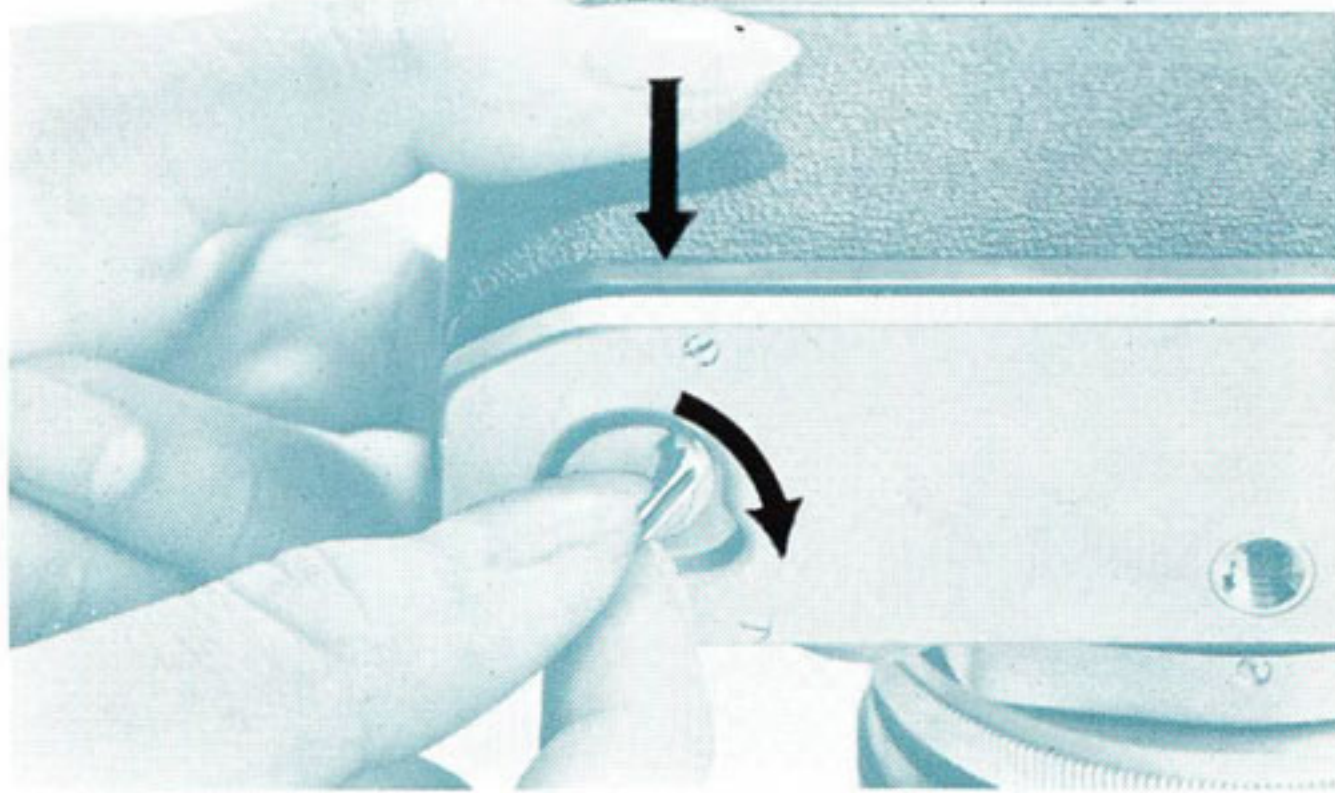




5. Turn the advance lever, and wrap the film around the spool once.

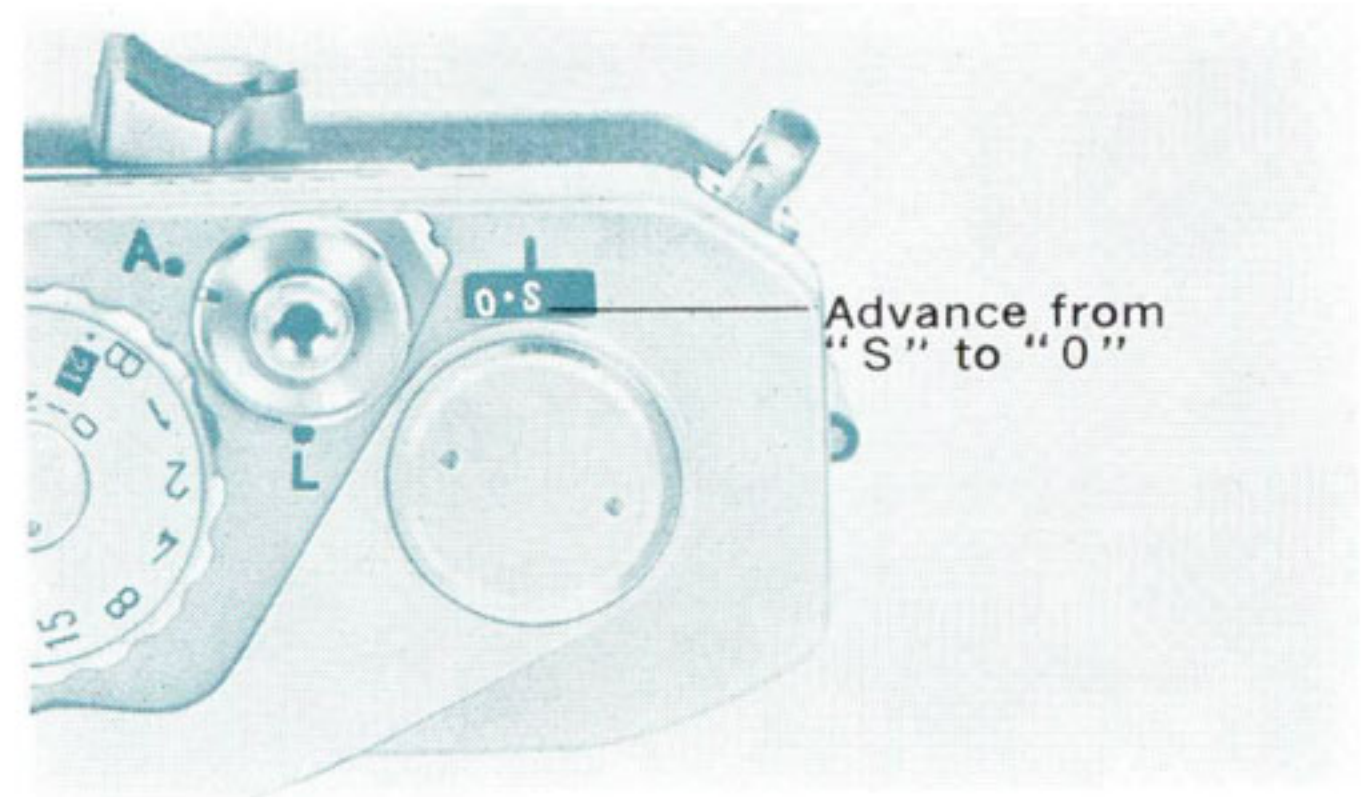
6. If the film sags, pull up the rewinding crank and remove the sagging by gently turning to the right.





7. **Close the back cover.**

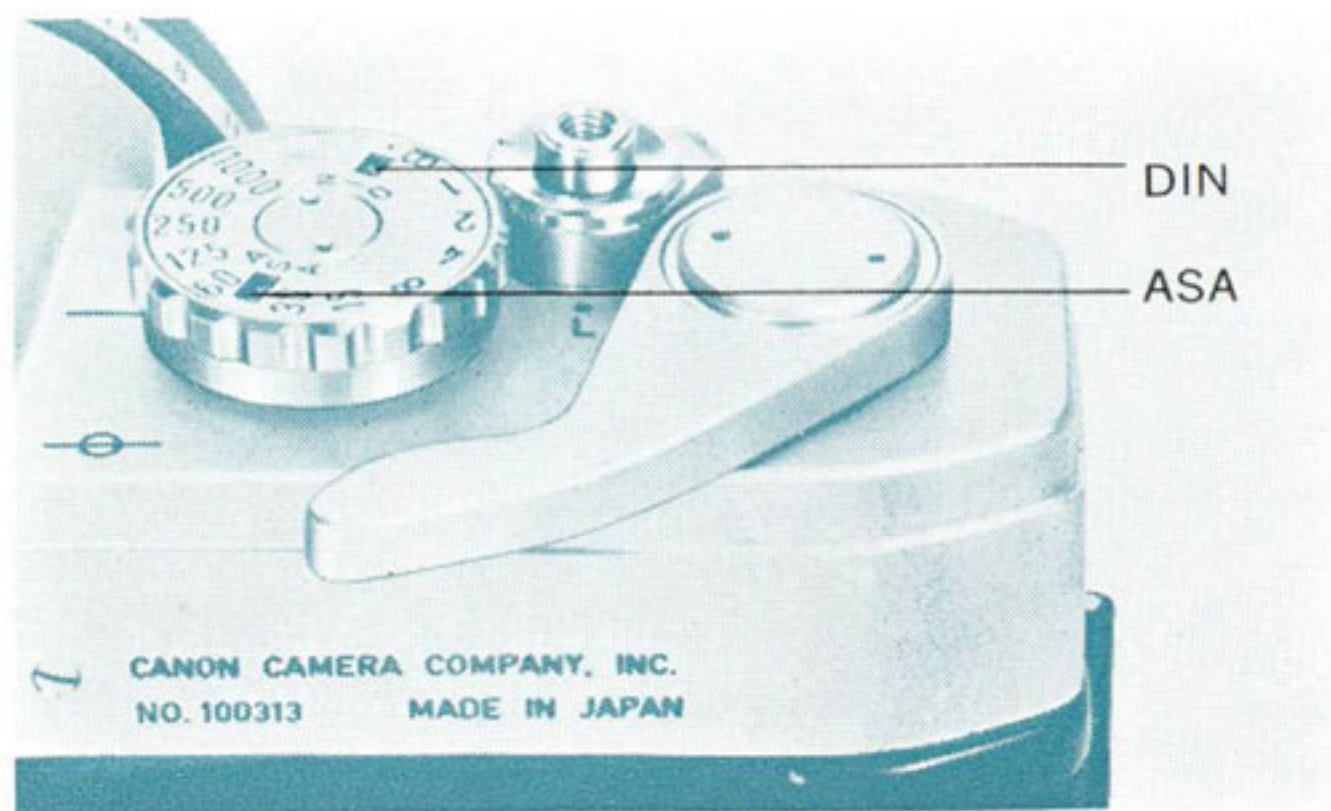
Press down to prevent the cover from rising, then turn the opening and closing knob. Fold down the rewinding crank.



8. **Make two (unexposed) shots.**

Leave the lens cap on and advance the film twice, each time releasing the shutter. The film counter will advance from the "S" mark to 0. With one more advance, the camera will be ready for the first shot.





## Showing the Film Speed

When loading the film, do not forget to show the film speed in the window of the shutter dial. Turn to page 13 for setting the film speed.



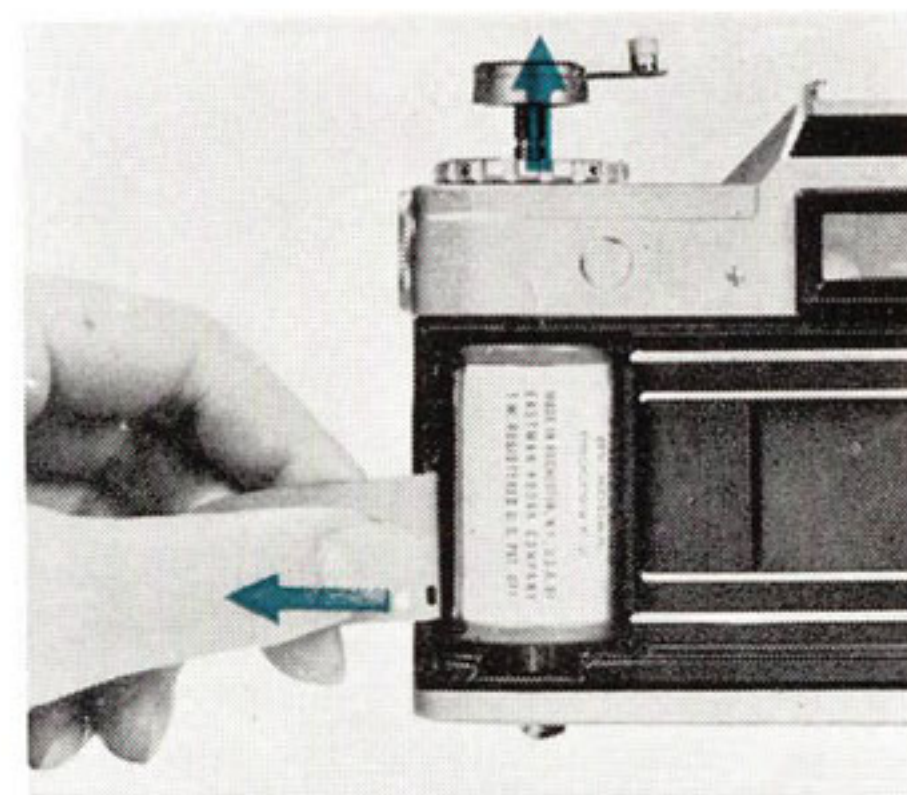
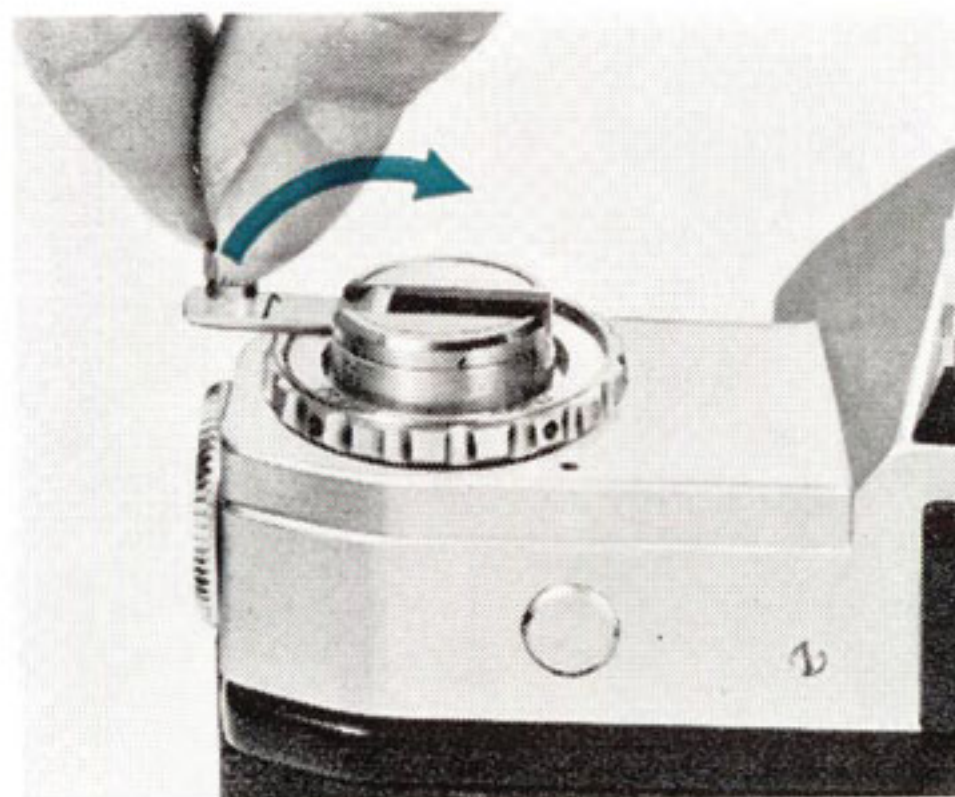
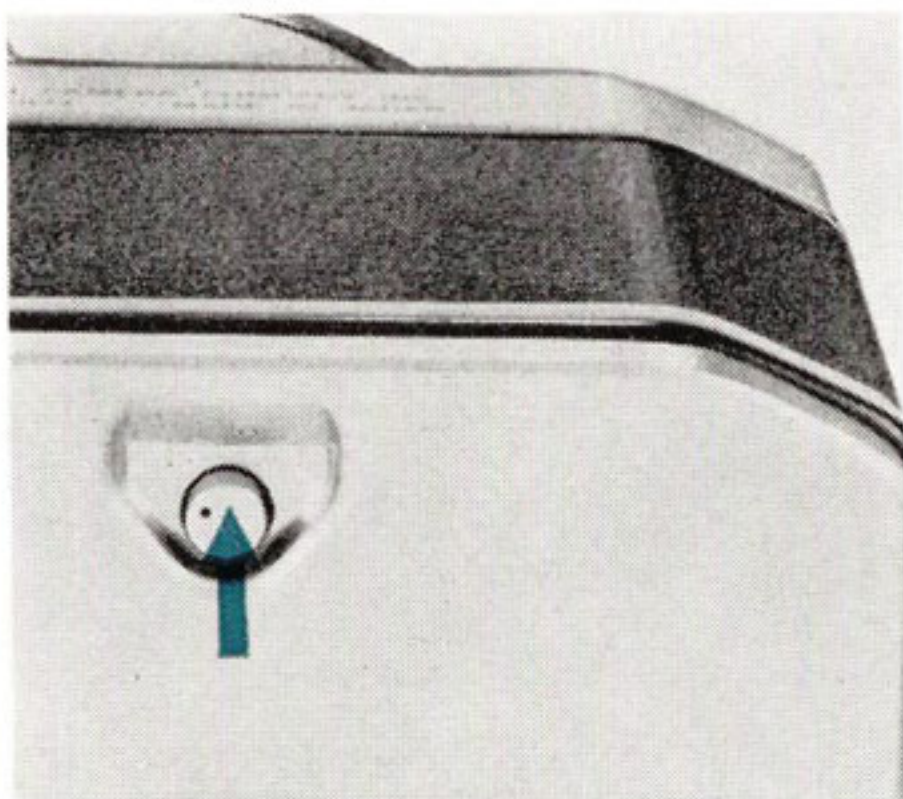
## Checking the Correct Way of Loading Film

When advancing film, if the rewind crank turns counter-clockwise, it is proof that the film has been correctly inserted. If there is no turning, it means that either the film has slipped from the spool or the perforations are not correctly engaged with the sprocket.

To prevent failures, always observe the film carefully when loading. When the film is not being sent forward properly, rewind once (see page 29) and reload. Be careful not to rewind the film completely back into the cartridge.



## Film Rewinding



Since no further winding is possible when the end of the film is reached, rewind the film immediately into the original cartridge, as explained below. As the exposed film is naked within the camera, the entire roll will be ruined if the cover is opened before rewinding.

1. **Press in the Rewind Button.**
2. **Rewind with crank.**

Raise the rewinding crank, turn it in the direction of the arrow, and return the film into the cartridge. When the rewinding button stops revolving during operation (rewinding resistance becomes light), immediately stop rewinding.

3. **Open back cover.**

4. **Remove the cartridge.**

Remove after raising the rewinding knob completely.

- \* Once the rewinding button has been pressed, the finger may be removed. When the lever is wound, this button will return automatically.
- \* If winding continues even after the film is at an end, the film will tear and rewinding will become impossible. Please be very careful. If this happens, open the back cover in a completely dark room.

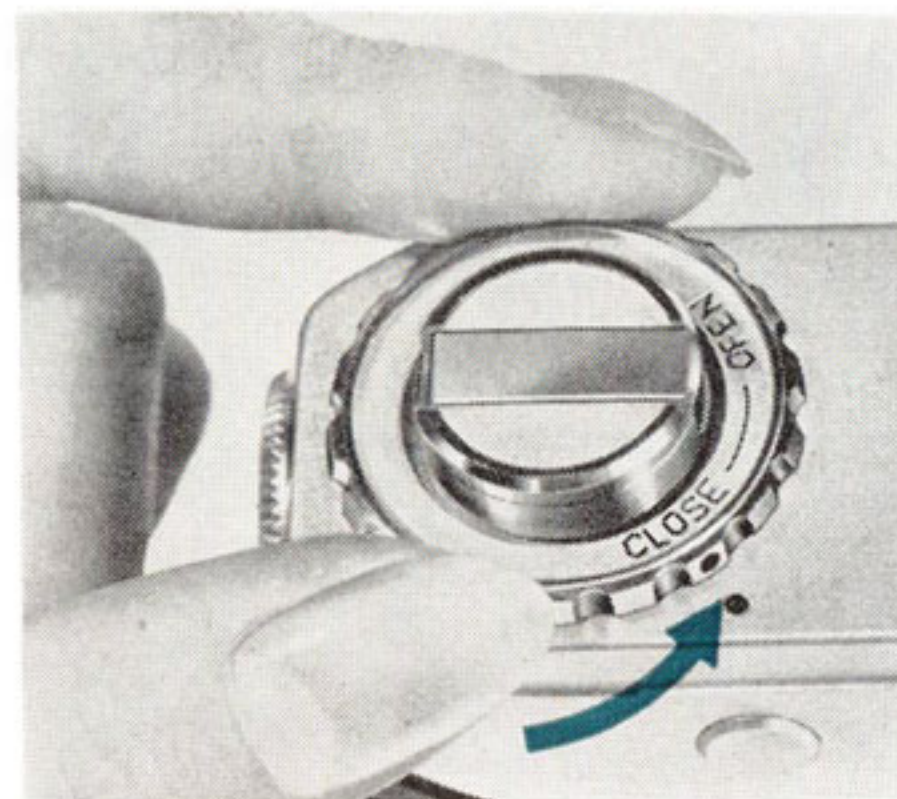


## Self-timer and Eyepiece Shutter



Wind the shutter and open the eyepiece shutter. Turn the self-timer lever in the direction of the arrow and press the shutter button. The shutter will be actuated approximately 10 seconds later.

- \* Wind the self-timer over 2/3.
- \* Time adjustment is possible, according to position of winding.
- \* The shutter may be wound later.
- \* Do not forget to wind the shutter. If this is neglected and only the self-timer is wound and the shutter button pressed, only the self-timer will act and the shutter will not click.
- \* Selftimer lever can be used as CdS actuating lever immediately after returning it to original position.



The Canon Pellix incorporates the pellicle mirror. Therefore, if the viewfinder eyepiece receives strong light, the light rays sometimes cause ghosts on the film surface. For this reason, when taking shots with the eye off the eyepiece, such as when using the self-timer or cable release, always be sure to close the eyepiece shutter.



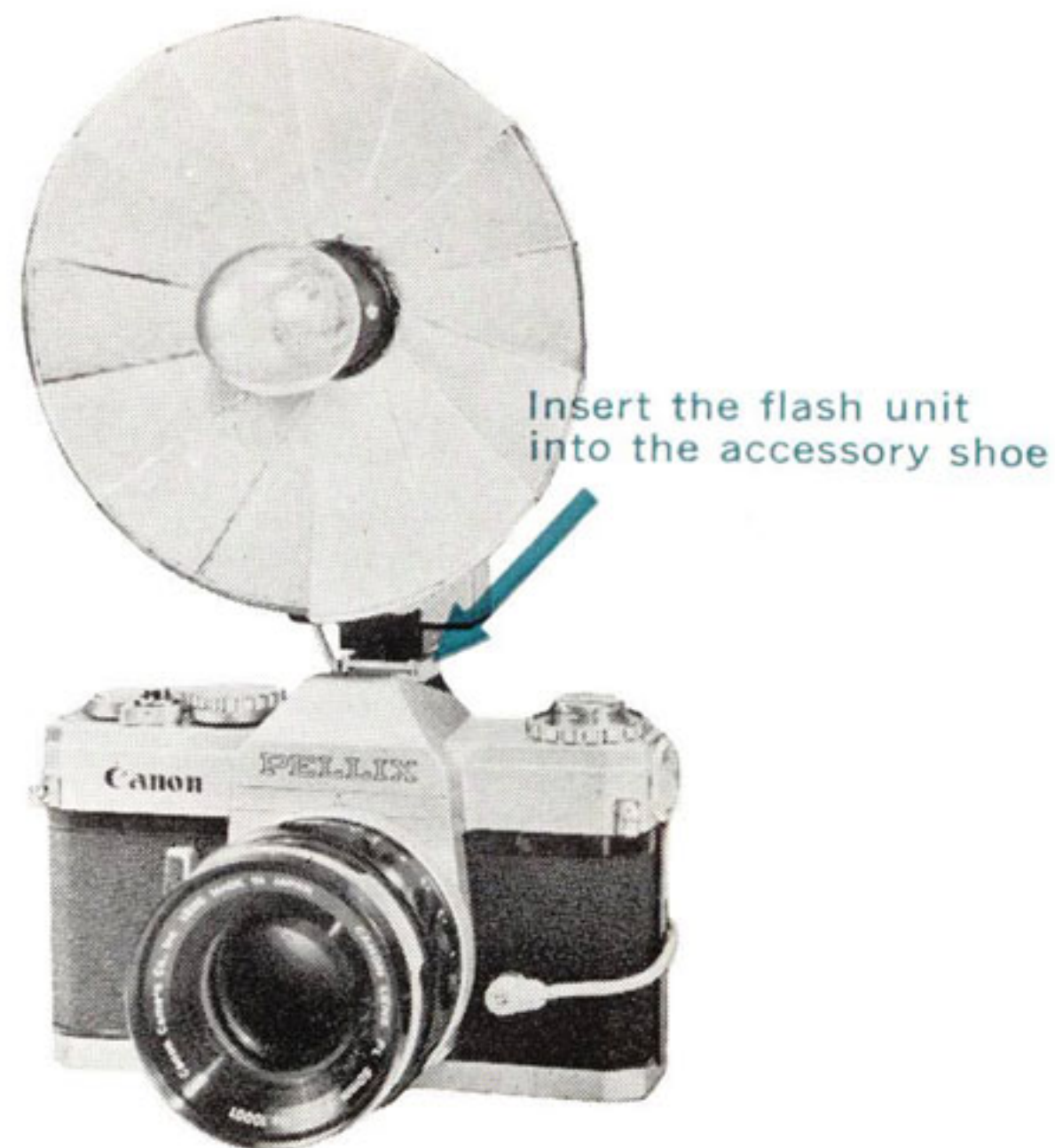
## Flash Synchronization

When taking pictures with flash, light volume adjustment is required because Pellix uses a stationary mirror.

Find out aperture stop by Guide Number and further open aperture by one half of it.

By connecting the flash unit and cord of speedlight to the flash terminal, it is possible to synchronize the following shutter speeds.

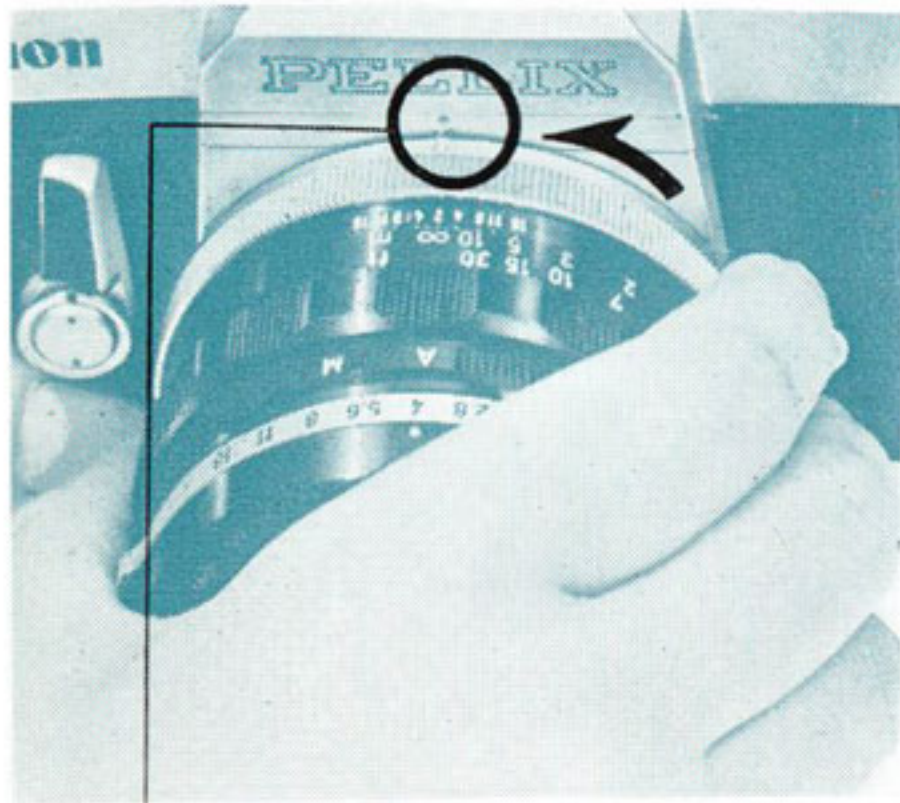
| Flash Bulb  | Scope of Synchronization |     |     |     |    |    |    |   |   |   |   |   |   |
|-------------|--------------------------|-----|-----|-----|----|----|----|---|---|---|---|---|---|
|             | 1000                     | 500 | 250 | 125 | 60 | 30 | 15 | 8 | 4 | 2 | 1 | B | X |
| FP class    | ○                        | ○   | ○   | ○   | ○  | ●  | ○  | ○ | ○ | ○ | ○ | ○ | ● |
| M class     | ●                        | ●   | △   | △   | ○  | ●  | ○  | ○ | ○ | ○ | ○ | ○ | ● |
| F class     | ●                        | ●   | ●   | ●   | ●  | ○  | ○  | ○ | ○ | ○ | ○ | ○ | ● |
| Speed-light | ●                        | ●   | ●   | ●   | ●  | ○  | ○  | ○ | ○ | ○ | ○ | ○ | ○ |



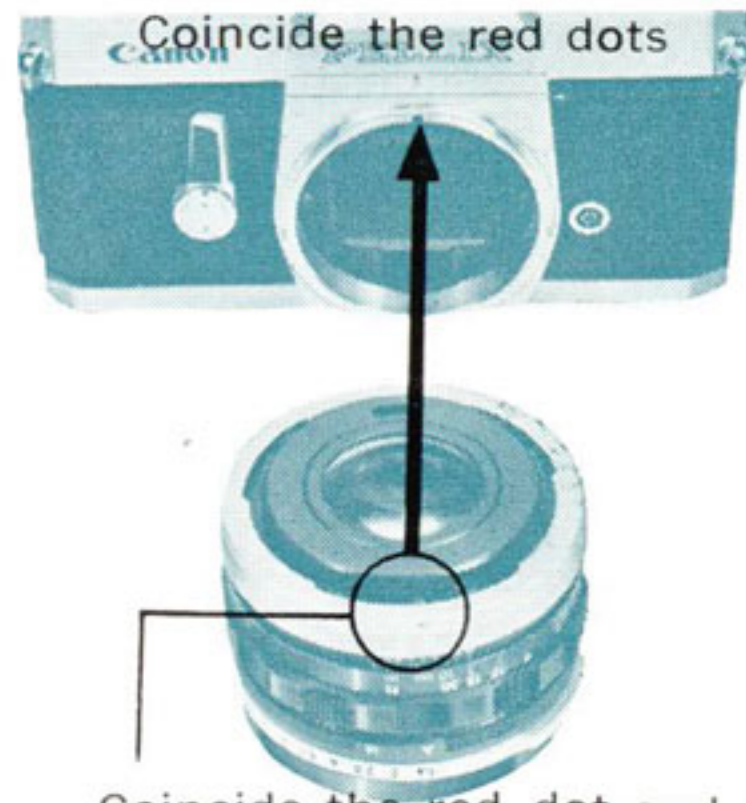
- \* ● markings cannot be used.
- \* Even in the case of flash photography, the lens hood is necessary.
- \* The shutter speed for X is 1/60 sec.
- \* Use shutter speeds of under 1/60 sec., for very small types of M class bulb, such as AG1, US-1 and PF-1, MX-O.



## Use of Lenses



Coincide the red dots and remove



Coincide the red dot and guide pin



Aperture Lever

### Changing Lens

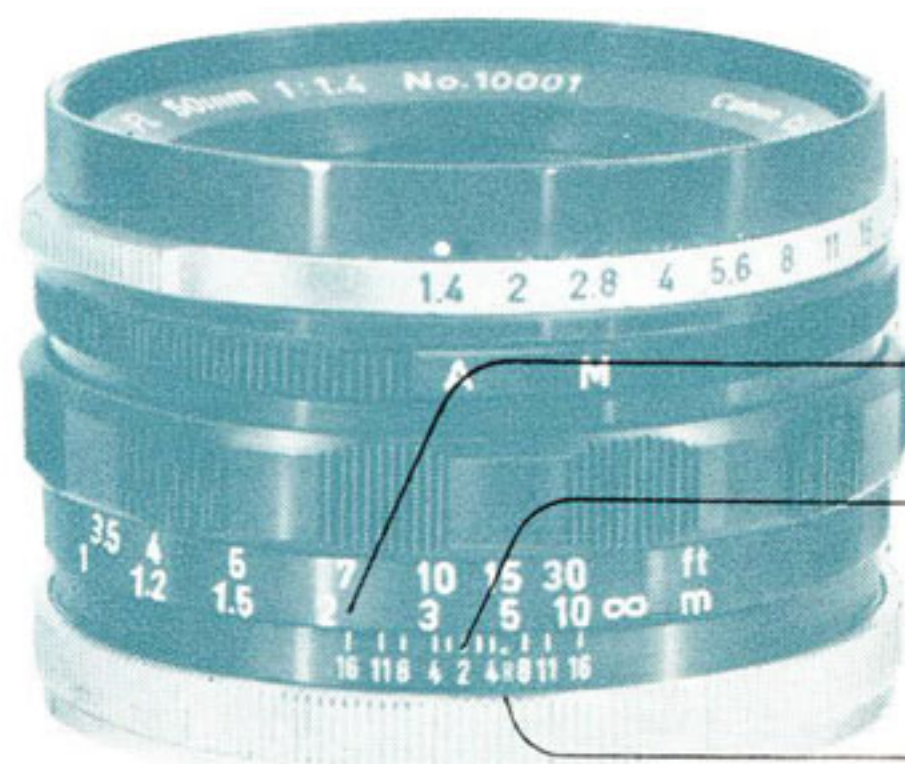
In removing the lens from the camera, after turning the bayonet ring of the lens to the left, pull the lens forward.

In mounting the lens, match the red dot of the lens to the red dot on the camera mount. Turn the bayonet ring to the right and fasten.

- \* When mounting, turn the bayonet ring of the lens sufficiently to the left and coincide the red dot and guide pin of the lens.
- \* Do not change your lens in the strong light. When changing your lens, have the replacement lens at hand. Then quickly change the lens in the shade...or use your shadow as a shield from the direct light.

- \* There is a pre-set aperture operating lever at the back end of the lens. This lever, which opens and closes the aperture, is very important. When the lens is removed, be sure always put on the dust cap.
- \* After the lens has been detached, **do not touch the pellicle mirror or the coupling section of the aperture.** When not in use for a long time, protect the lens with flange cap.
- \* As every trace of water bubble cannot be entirely removed from glass used for high quality lenses, it should be understood that this is unavoidable because of the manufacturing process. Lens bubbles will not affect the sharpness of the picture.

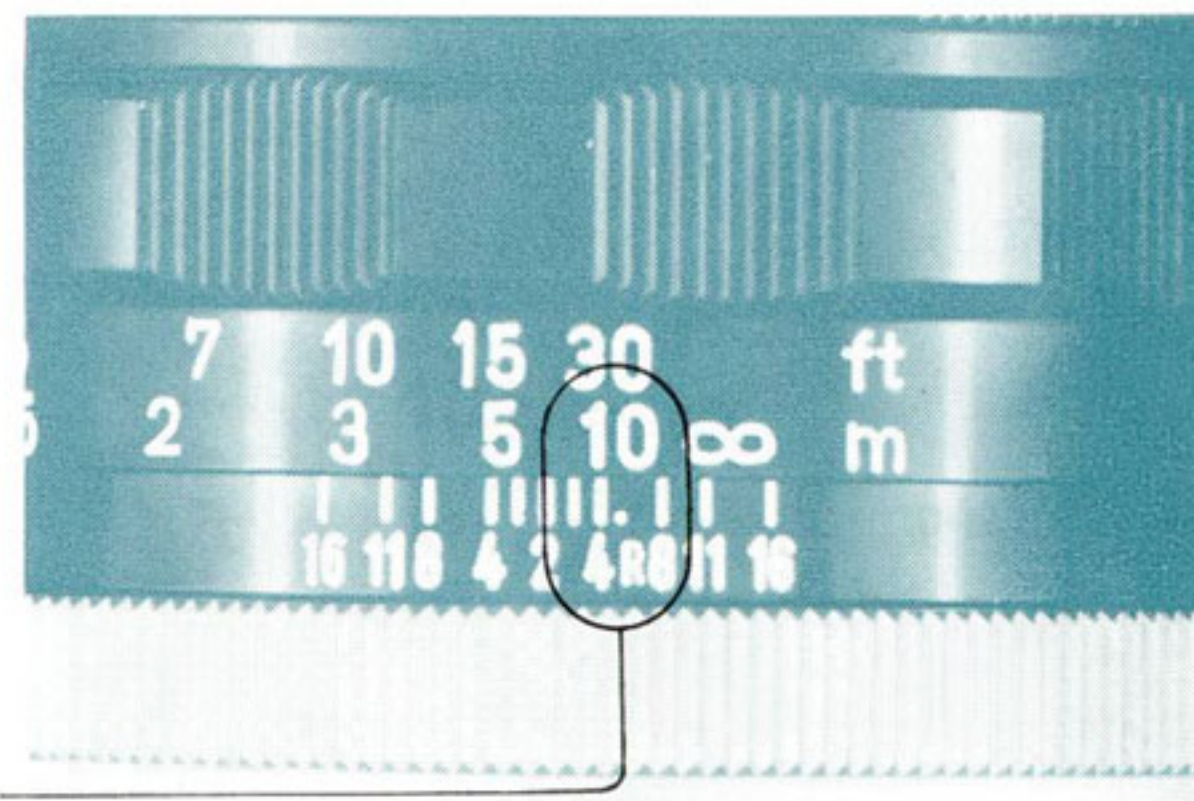




Distance Scale

Indicator  
(central  
orange line)

Infrared index R



## Distance Scale

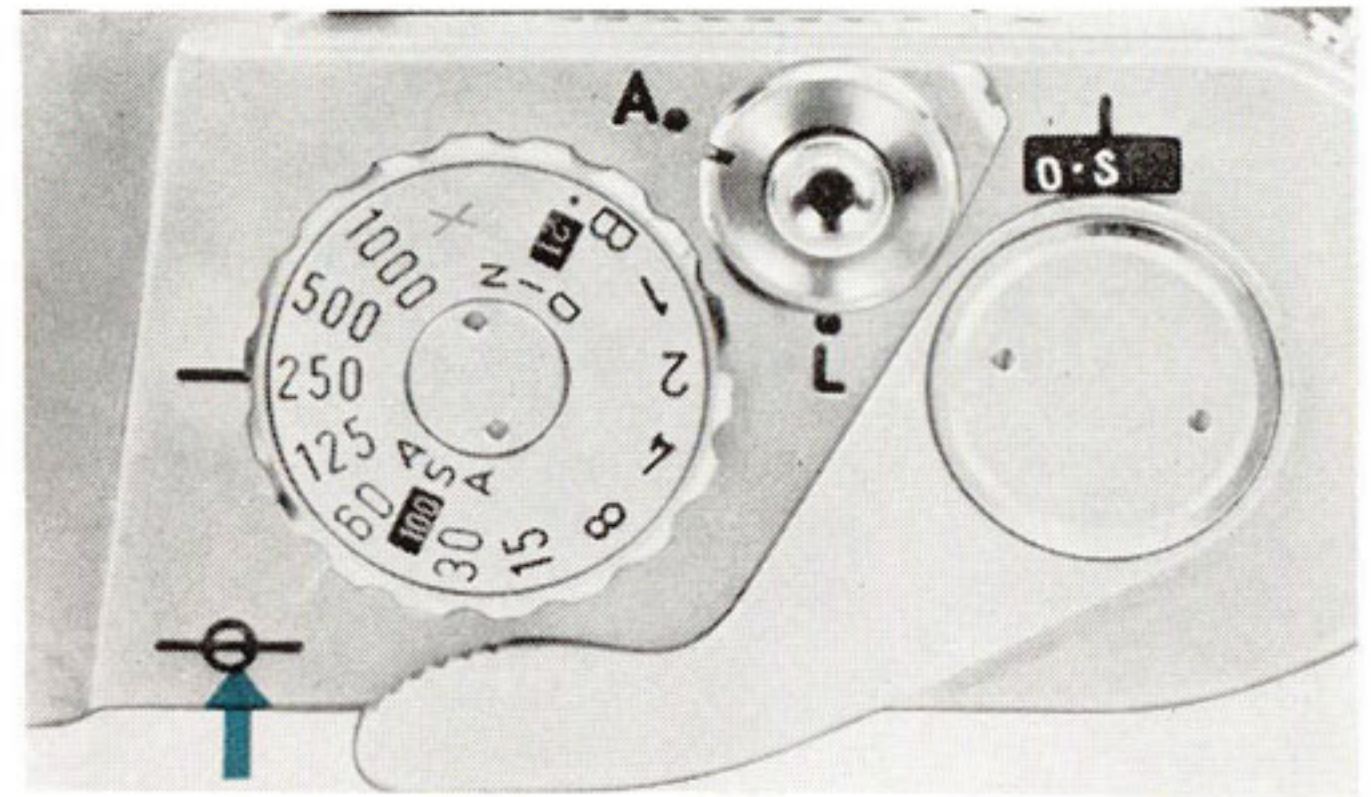
The distance scale shows the distance between the focused subject and the film surface. Although for ordinary pictures it is not necessarily essential, it is needed for checking the depth-of-field, for infrared photography and flash photography.

The correct position of the scale, where the distance is a one-digit figure, is in the middle of the figure; if it is a two-digit figure, it is between the two figures; and if it is a three-digit figure, it is in the middle of the central figure.

## Infrared Index R (Infrared Mark)

For infrared photography, correction is necessary because the focal position varies a little from ordinary photography. Make ordinary focusing first, then adjust that distance scale to the Infrared Mark "R". For instance, if the distance scale reads 10 m after focusing, merely shift the 10 scale to "R" position.





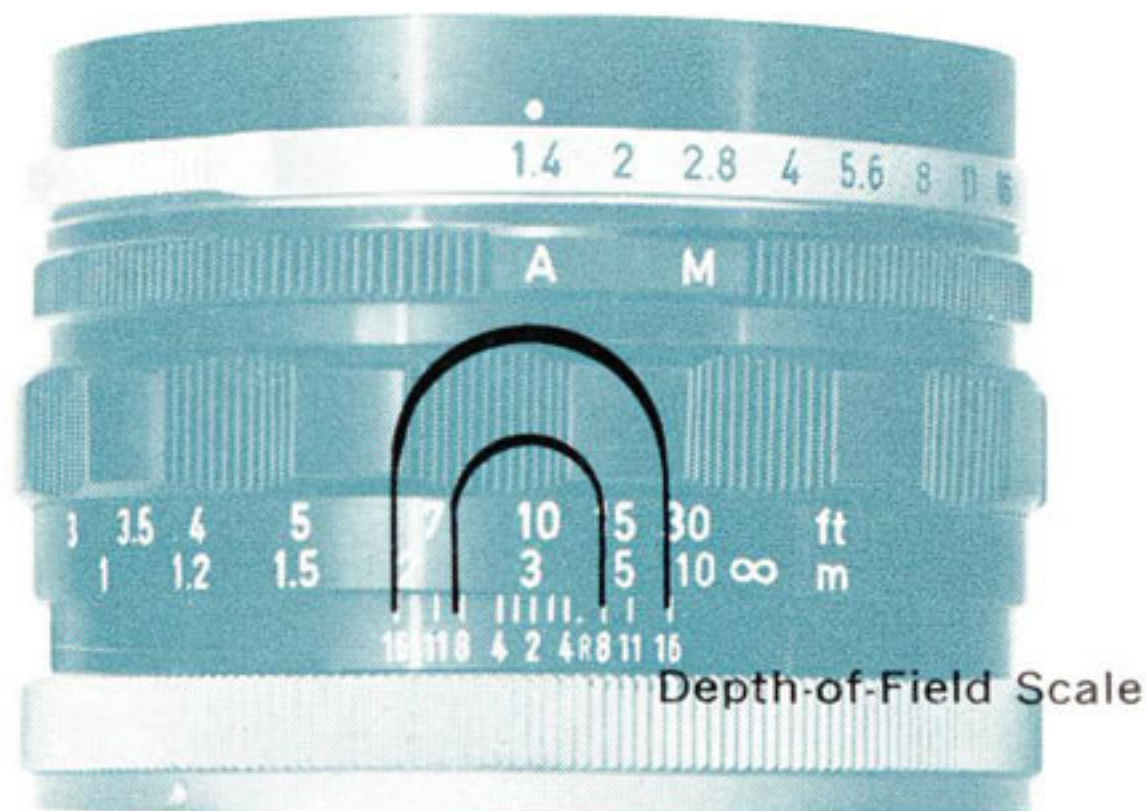
#### \* Infrared Index

The position of R is scaled according to the use of the standard of a film with the highest sensitivity of a wave length of about 8000 Å and infrared filter (for example, KODAK IR 135 film and WRATTEN 87 filter or JIS IR 77-87 filter). When you take pictures using the plus X or ordinary Pan film with the WRATTEN 25 or red filter of SR 59-60 attached, the proper amount of correctional movement is about 1/3.

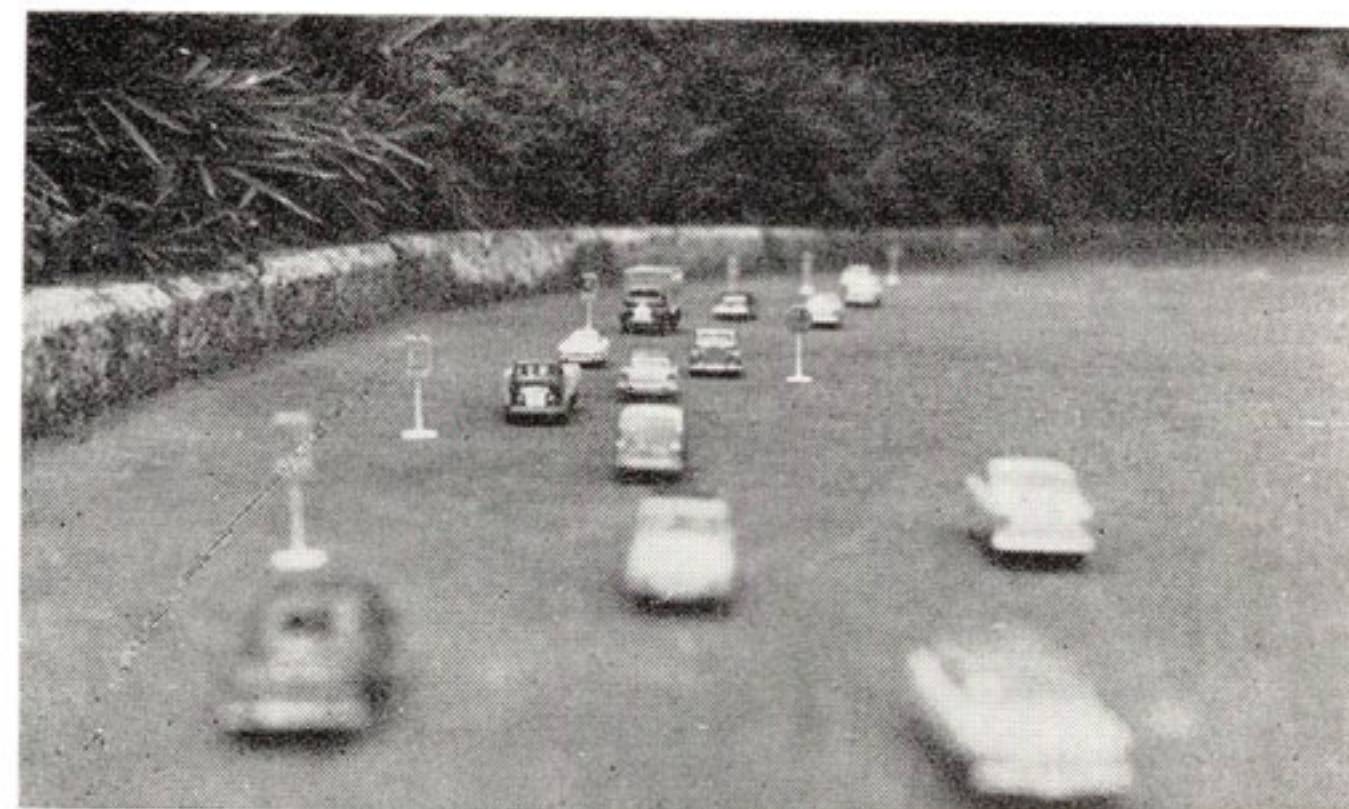
#### Film Plane Mark

The lens distance index is scaled by measuring the distance from the film position. Thus, in case the focusing is done by actual measurement, measure from the film plane mark and transfer this distance to the lens distance index.





Depth-of-Field Scale



**F 8 50 mm**

Depth-of-Field 2.3 m - 4.3 m  
Focused at 3 m

## Depth-of-Field Scale

When one given subject is focused, there is a range in front and behind which is sharply produced, known as "depth-of-field".

As this scope changes according to the size of the lens aperture, the aperture readings are scaled related to the distance scale.

To use the depth-of-field scale, for instance, if the lens is 50 mm and the subject has been focused at a distance of 3 m, with an F 8 aperture, make the reading of about 2.3 m and about 4.3 m from the distance scale of 8 on both sides of the distance index.

Similarly, if the aperture is F 16, the picture will be sharp from about 1.9 m to 7.6 m.





**F 16 50 mm**      Depth-of-Field   1.9 m - 7.6 m  
 Focused at 3 m

This range will vary with the "F" stop selected.  
 For example :

The depth-of-field will be deeper ...  
 the smaller the lens aperture  
 the shorter the lens focal length  
 the farther the distance of the subject.  
 The depth-of-field will be shallower ...  
 the larger the lens aperture  
 the longer the lens focal length  
 the nearer the distance of the subject

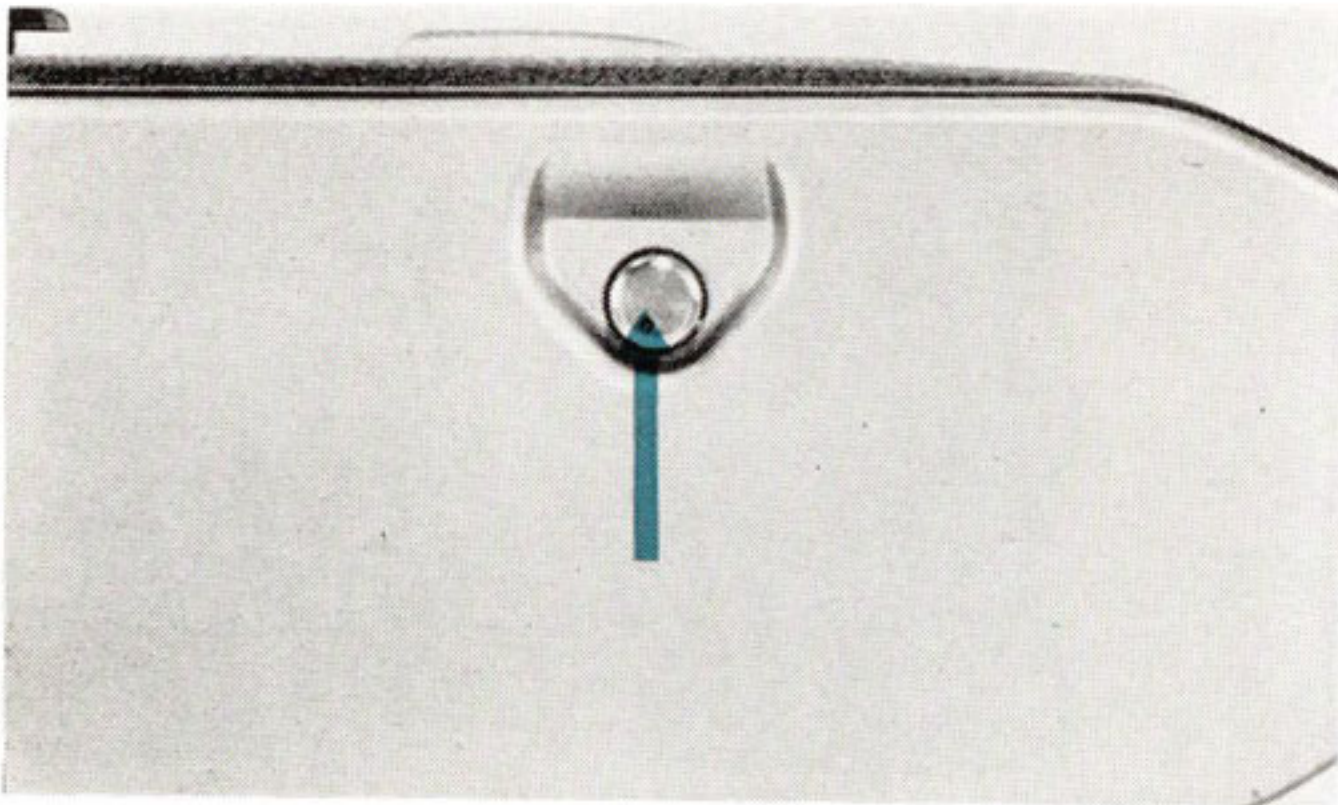
The versatile Canon Lens FL has a feature which lets you see the actual sharpness through the viewfinder eyepiece by rotating the manual aperture ring.

### **Lens Mount (FL Lens and R Lens)**

As the lens mount for the Canon Pellix is the same as for Canon FX and Canon FP, it is possible to use all FL lenses except for the 19 mm F 3.5 lens. The 19 mm F 3.5 lens cannot be attached because the Pellix uses a stationary type pellicle mirror. Furthermore, it is possible to attach and use all the interchangeable R lenses for Canonflex use. However, as the automatic aperture mechanism differs, pictures must be taken with the manual aperture.

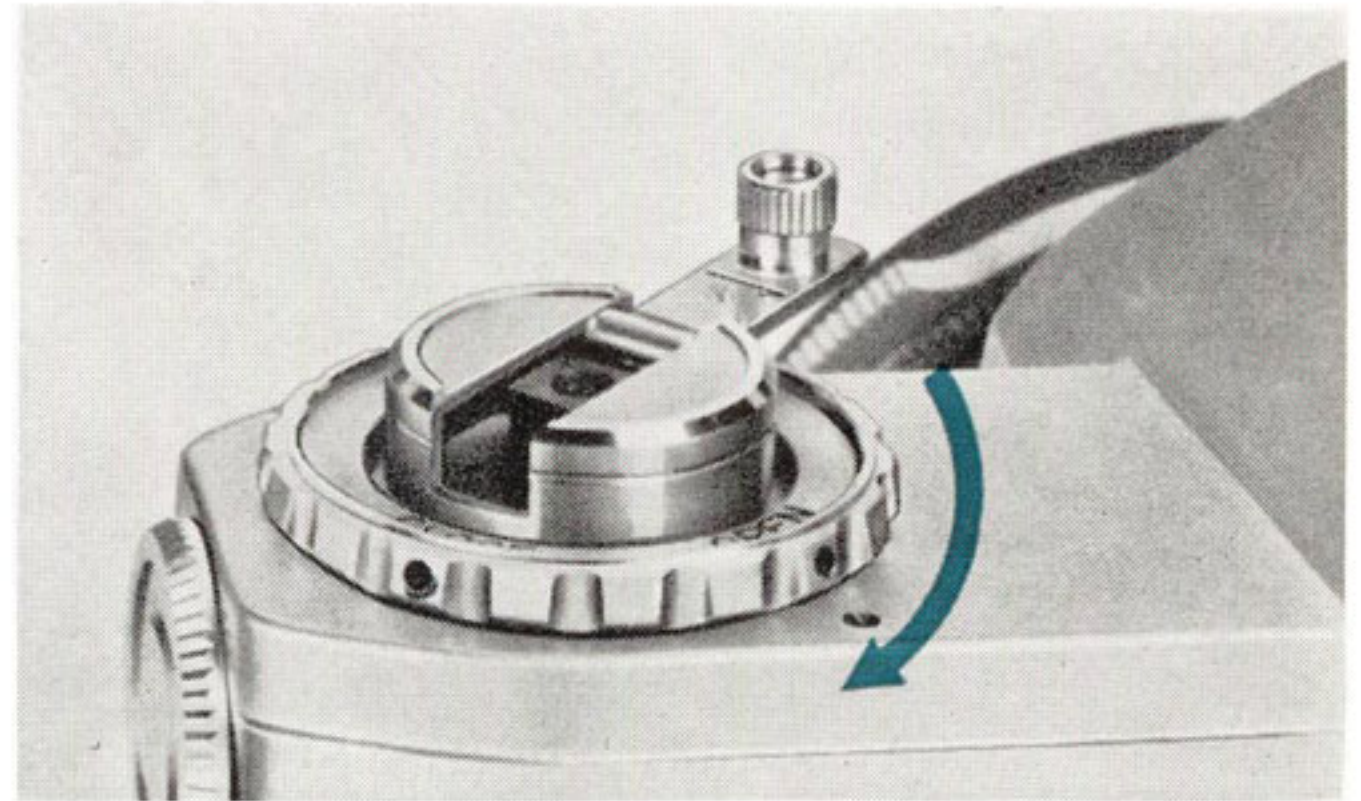


## Double Exposure



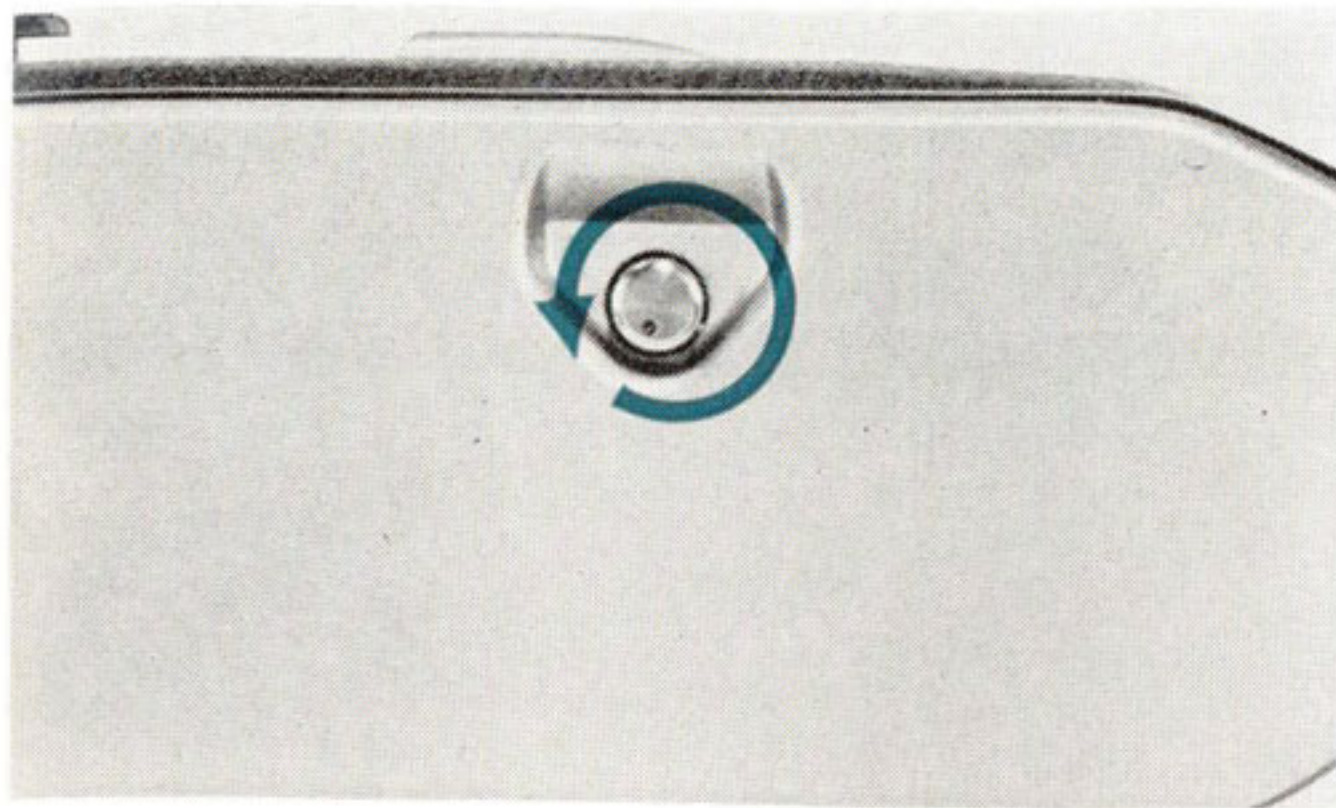
Under ordinary usage, there is no danger of double exposure by the Canon Pellix. However, if necessary, double exposure can be made by the following steps:

1. When the first exposure has been made, press the rewinding button.

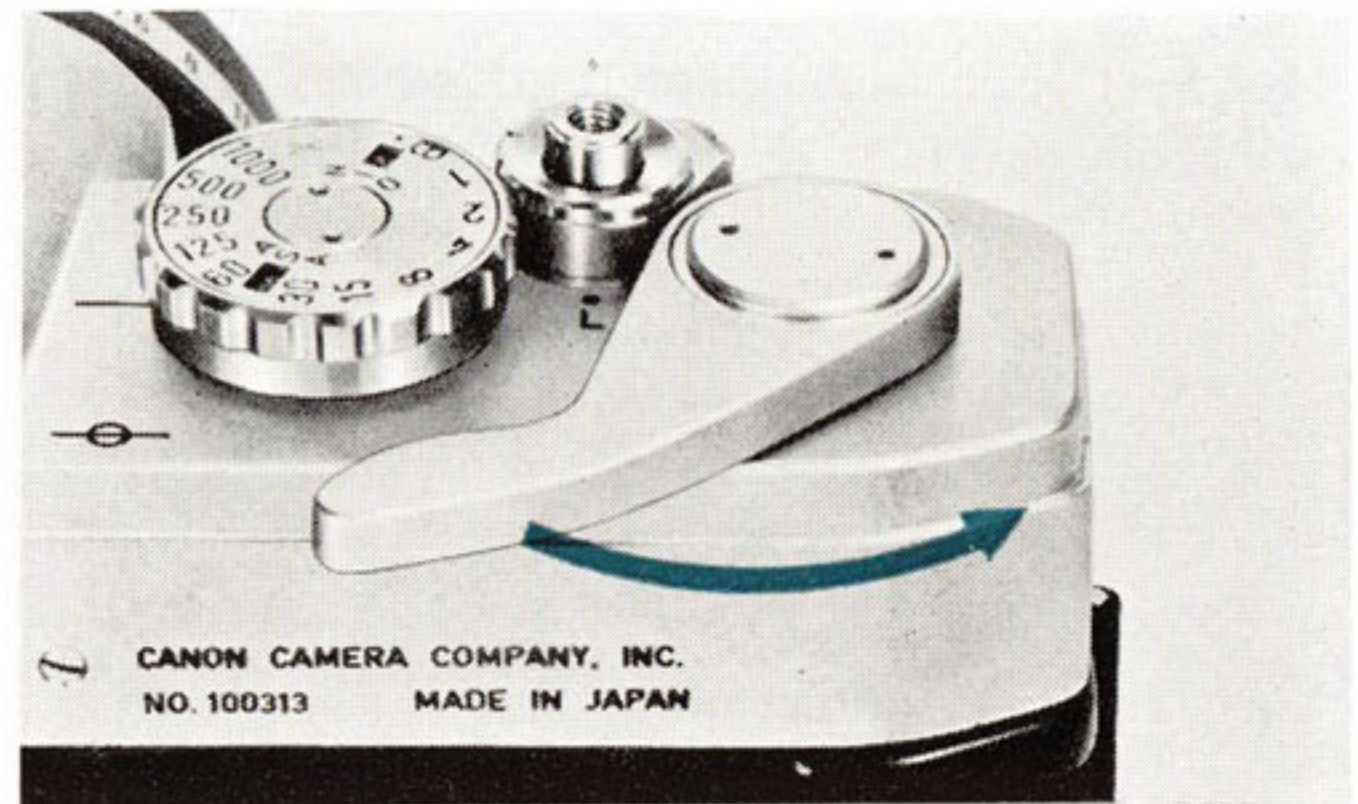


2. Watch the marking on the rewinding button and rewind the film with the rewinding crank.





3. When the marking has made one revolution, stop rewinding.
4. Next, wind the lever while lightly holding the rewinding crank. When resistance is felt on the rewinding crank temporarily stop the operation.



5. Wind once more.  
By repeating this process, it is possible to make any number of exposures on the same film surface. But the film counter will continue to advance with each exposure.
- \* When making the rewinds, just make one turn of the rewinding button.



## Filters

There are various types of 58 mm (for 50 mm F 1.4, 58 mm F 1.2) screw-in type filters used for special effects with black and white and color films. The exposure meter for the Canon Pellix is the revolutionary TTLM system and so there is absolutely no necessity for compensation of exposure factor.

| TYPE   | FILTER CHARACTERISTICS   |
|--|--|
| ✓ UV (SL 39 • 3 C)<br>for black & white and color  | • Absorbs only ultra-violet rays. Especially effective at seaside, high mountains where there is much ultra-violet rays. Recommended for use in color photography.   |
| ✓ Y 1 (SY 44 • 2 C)<br>Y 3 (SY 50 • 2 C)<br>✓ O 1 (SO 55 • 2 C) } for black & white<br>R 1 (SR 60 • 2 C) | • Increases contrast of black & white film. Enhances clouds, lightening the blue sky. Brightens red and yellow.<br>• Darkens blue, increases yellow and red values perceptibly. Good for contrasts in distant landscapes.<br>• Makes strong contrasts. Renders day almost into night. May also be used with infrared film. |





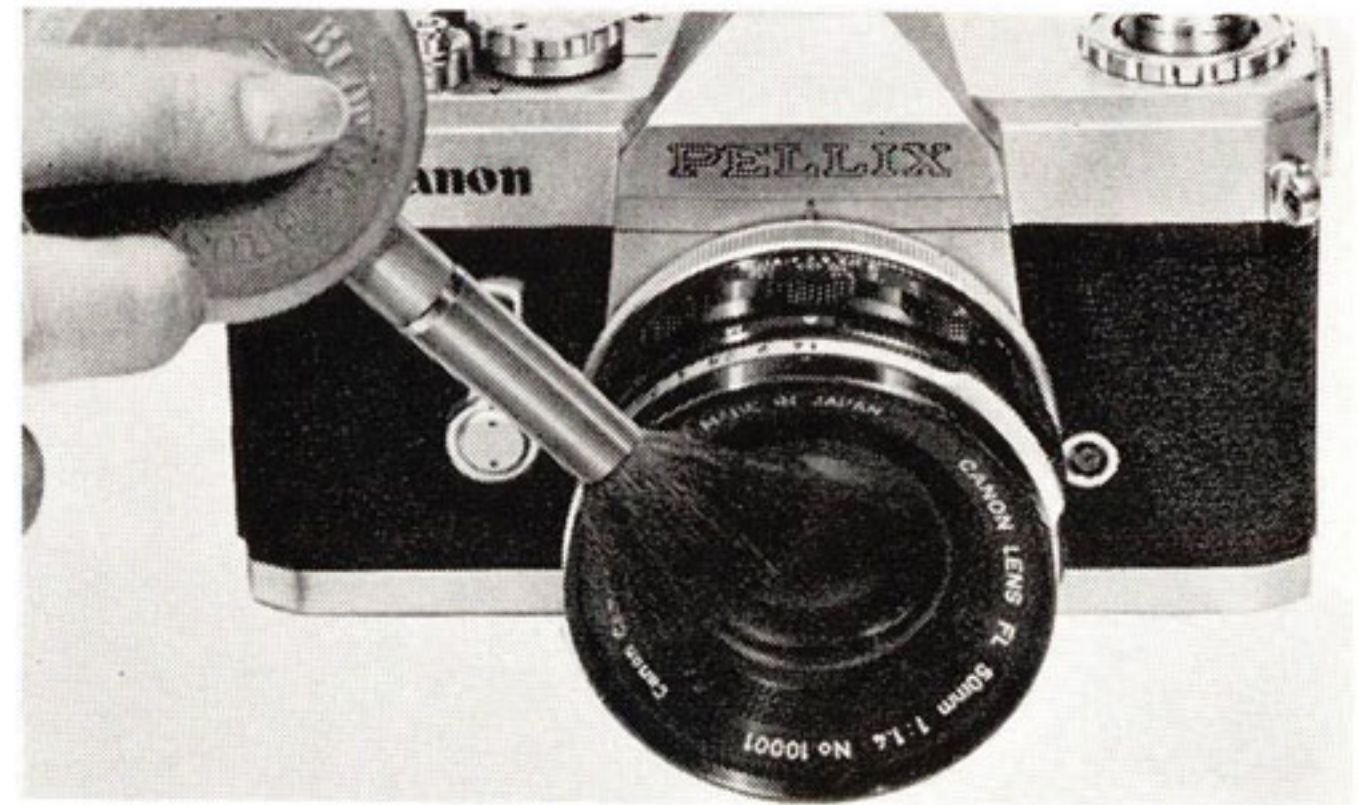
| TYPE  | FILTER CHARACTERISTICS  |
|---|---|
| <p>G 1 (MG 55 C)</p> <p>Skylight<br/>ND 4<br/>ND 8</p> <p>Color Conversion A<br/>Color Conversion B</p> <p>for black &amp; white and color</p> <p>for color</p> | <ul style="list-style-type: none"> <li>• Prevents red from turning radically into white. Lightens sky and face appropriately, and reflects the lightness of fresh greenery.</li> <li>• Acts to harmonize the blue sky and shade.</li> <li>• ND 4 reduces light values by 1/4, ND 8 by 1/8. No effects on the reproduction of colors of color film.</li> <li>• Color film filter for conversion of color temperature when photographing tungsten type film under sunlight.</li> <li>• Color temperature conversion filter for use with daylight type film under tungsten light.</li> </ul> |



---

## Proper Care of Your Camera

---



### Storage of Camera

Moisture and dust are harmful to your camera. It should be taken out into the fresh air from time to time.

If your camera is to be stored for a long time remove the mercury battery and it should be removed from its case.

### Cleaning of the Camera

When you use your camera on a rainy day, or at the beach, moisture and salt air adhere to it, which can result in stains, rust, and corrosion.

Use a soft brush to rid the body of dust and a dry soft cloth for wiping.

#### **Do not touch the lens.**

Use a blower with a rubber ball to blow away dust on the lens or brush lightly with a brush. If you should inadvertently get a fingerprint on your lens and a blower or brush does not remove it, follow this procedure: use a little pure alcohol, or ether, if available on special lens tissue. Then wrap the tissue around a wooden matchstick and wipe the lens in a circular motion...lightly and systematically. Never wipe the lens roughly.





**Absolutely do not touch the pellicle mirror because it is very thin.**

**If dust should accumulate on it, blow it away with a blower.**

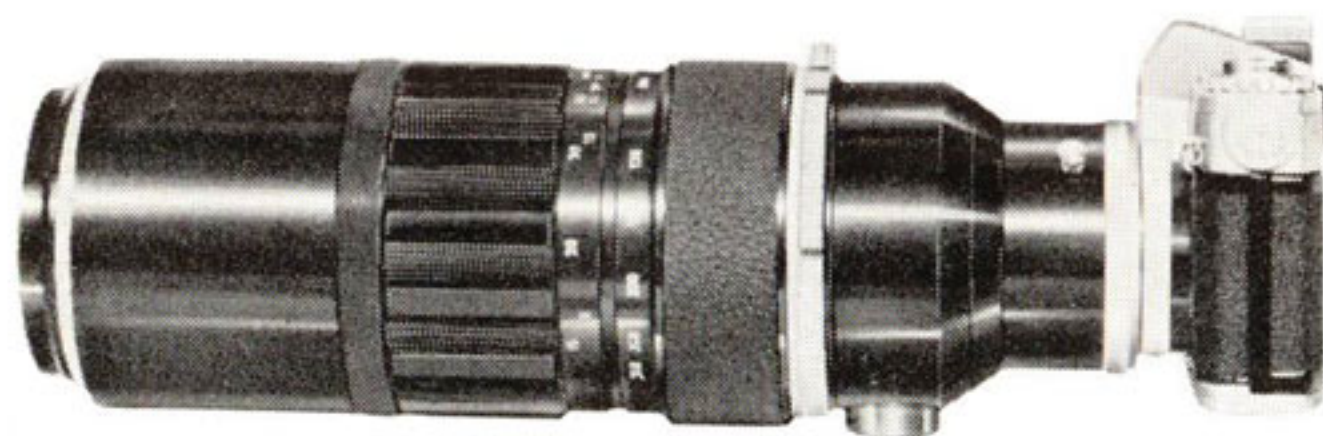
In extremely cold areas, expose the camera to the outer air only when in use. Put it back immediately after use. When using, expose the camera gradually to the outer air to prevent the lens from clouding.



## Interchangeable Lenses



Interchangeable Lenses



Canon Zoom Lens FL 85 mm-300 mm F 5

A wide range of interchangeable lenses from 19 mm F 3.5 to 1000 mm F 11 are available to further enhance your Canon Pellix.

### Interchangeable Lenses

|                     |       |           |       |
|---------------------|-------|-----------|-------|
| FLP 19 mm           | F 3.5 | R 300 mm  | F 4   |
| FL 35 mm            | F 2.5 | R 400 mm  | F 4.5 |
| FLP 38 mm           | F 2.8 | R 600 mm  | F 5.6 |
| FL 50 mm            | F 3.5 | R 800 mm  | F 8   |
| FL 50 mm            | F 1.4 | R 1000 mm | F 11  |
| FL 58 mm            | F 1.2 | (Manual)  |       |
| FL 85 mm            | F 1.8 |           |       |
| FL 100 mm           | F 3.5 |           |       |
| FL 135 mm           | F 2.5 |           |       |
| FL 200 mm           | F 3.5 |           |       |
| FL 55mm~135mm F 3.5 |       |           |       |
| FL 85mm~300mm F 5   |       |           |       |

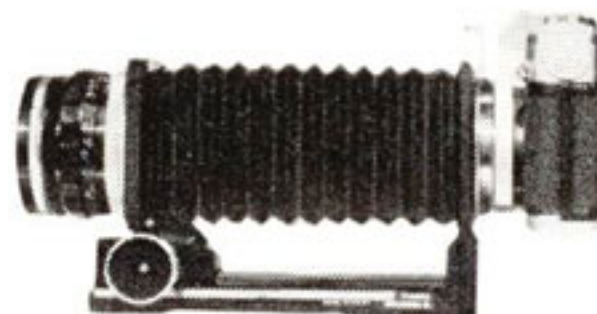
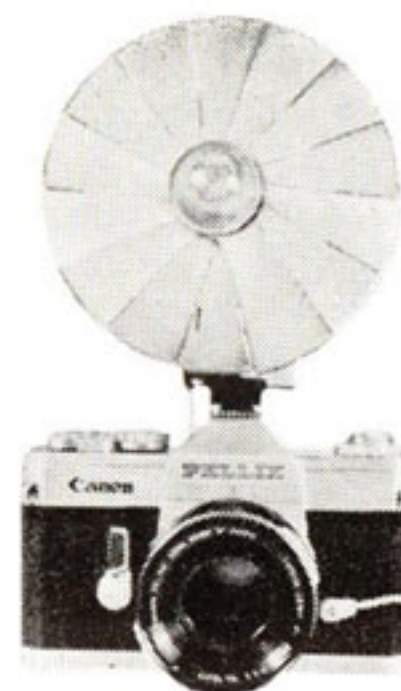
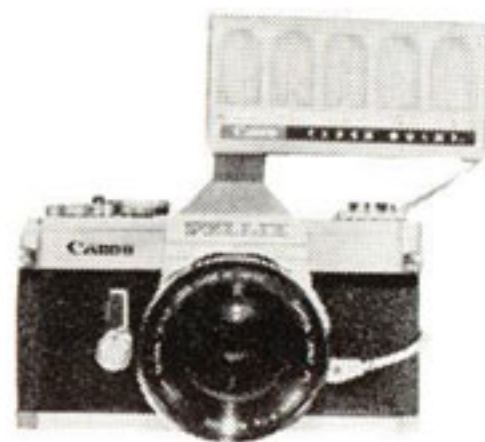
### Canon Zoom Lens FL 85mm-300mm F 5

The new Canon Zoom Lens FL 85 mm-300 mm F 5 with zooming ratio of 3.5X is a high performance zoom lens with fully automatic pre-set type diaphragm designed specially for the owners of Canon Pellix.

### Canon Zoom Lens FL 55 mm-135 mm F 3.5



## Accessories



- Bellows R
- Bellows F
- Filters

58 mm screw-in type filters { for black & white  
for color

- Waist-Level Viewer 2
- Lens Hood

- Canon Speedlite 100 AC Cord
- Flash V-3
- Flash Quint
- Flash Unit J-2, J-3
- Copy Stand 3F
- Micro Photo Hood
- 58 mm Close-up Lens 240, 450, 1800
- Camera Holder R4
- Canon Release



