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***Mamiya***

**CdS Prism Finder**  
**for Mamiya RB**

INSTRUCTIONS

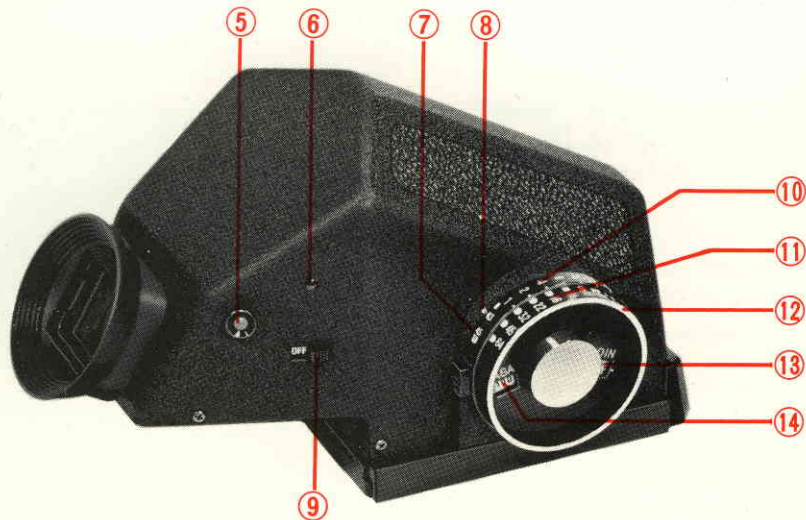
By mounting this CdS prism finder on the Mamiya RB67, a correct exposure setting is easily determined by the incorporated CdS exposure meter which measures light passing through the lens, while viewing at 30° the exceptionally brilliant image which appears exactly as the subject is viewed.

This CdS exposure metering system is an average-reading type which measures the overall image on the focusing screen, although the central portion is measured predominantly.



## ■ Names of Parts

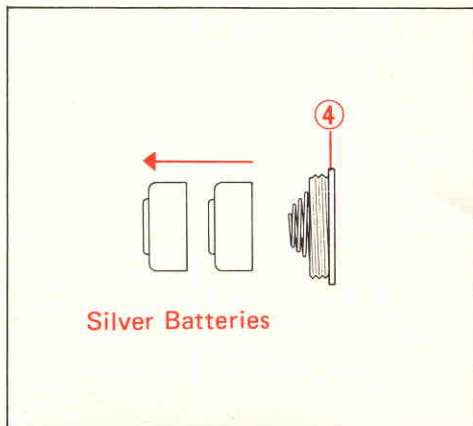
1. Lighting window
2. Nameplate latch
3. Nameplate
4. Battery chamber cover
5. Battery check button
6. Battery test bulb
7. Lens speed scale
8. Lens speed index
9. Meter switch
10. Shutter speed dial
11. Aperture scale
12. Film speed set dial
13. DIN scale window
14. ASA scale window



## ■ Operating Method

### 1. Inserting two silver batteries

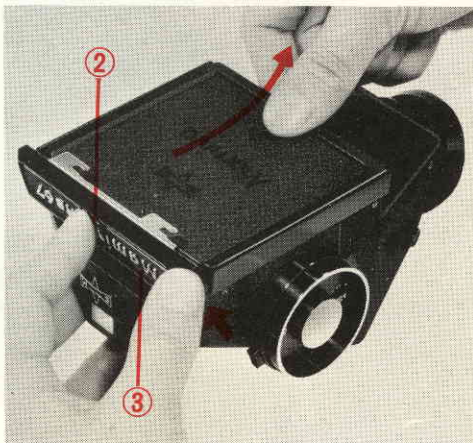
Remove the battery chamber cover (4) by turning it counter-clockwise with a coin, and insert two silver batteries in the battery chamber. Always wipe both battery poles with a dry cloth and insert them by facing the plus (+) side of both batteries toward the operator. Finally, screw in the battery chamber cover tightly.

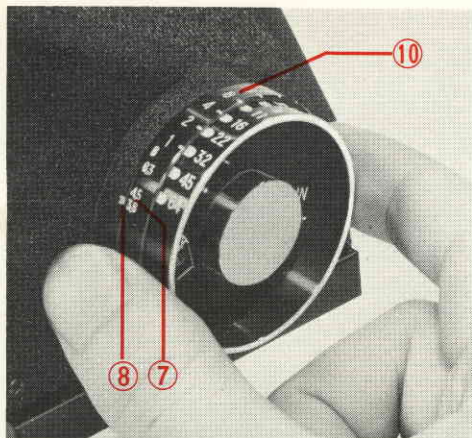


### 2. Attaching the finder to the camera

First, remove the focusing hood from your camera. Move the nameplate (3) in the arrow direction (as shown in the photo) while depressing the latch (2) on the front of the finder; then remove the protective cover by pulling it to the rear and upward.

Insert the two prongs on the bottom of the finder into the slots on the camera body, and while pressing the finder front portion toward the camera body, return the nameplate to its original position.

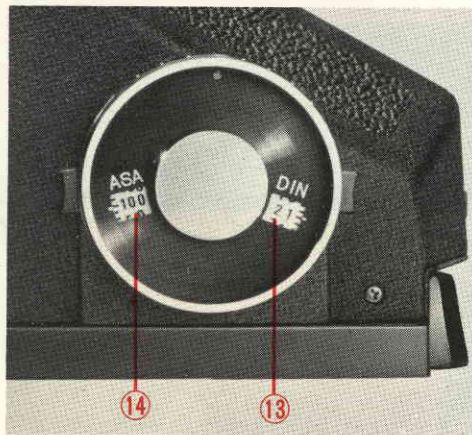




### 3. Setting the speed on the dial of the lens to be used

Turn the shutter speed dial (10) while slightly pulling it outward; then set the same value opposite the index (8) as the speed (f/number) of the lens to be used.

For instance, when using the 127mm f/3.8 or 90mm f/3.8, set 3.8 on the lens speed scale (7) opposite the index (8).

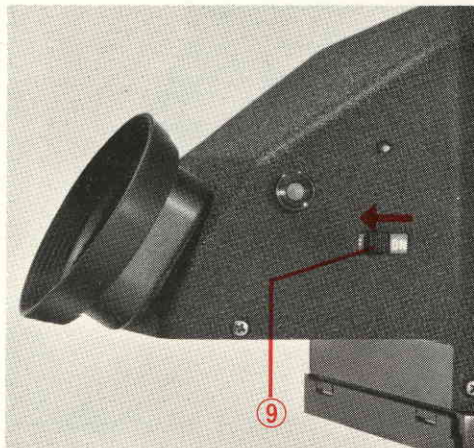


### 4. Setting the speed of film to be used with the film speed set dial

Turn the film speed set dial (12) while slightly pulling it outward; then set the film speed number (ASA or DIN) of the film to be used opposite the index of either scale window (14) or (13).

## 5. Turn on the meter switch

By moving the meter switch (9) in the arrow direction as shown in the photo, the word "ON" appears. Now the meter switch is turned on and the needle is actuated.

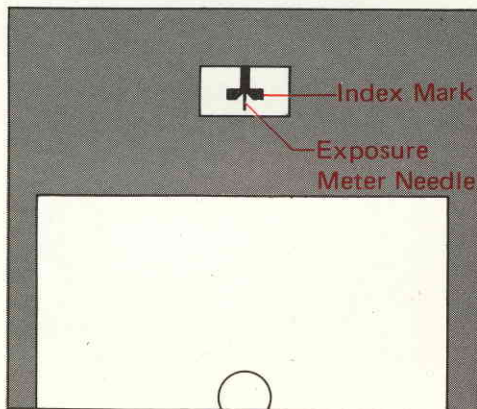


## 6. Setting the exposure meter needle

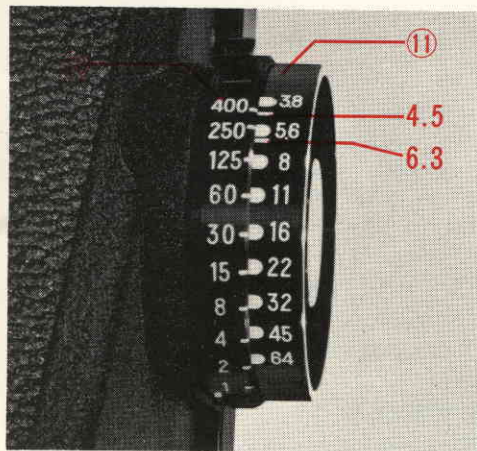
On looking into the finder, the exposure meter needle and an index mark can be observed in the window upper portion (looking up through the finder from below facilitates locating the needle and index mark.)

While turning the shutter speed dial (10), set the exposure meter needle in the center of this index.

If the lighting window (1) is covered by your fingers or another object, the window displaying the meter needle will disappear.







## 7. Reading scale values on the dial and setting them on the lens

Read and choose any combined values of the shutter speed dial scale (10) and the aperture scale (11), and proceed with photographing after setting the lens shutter speed and the aperture.



## Important Points on Using the CdS Prism Finder

1. Since a through the lens system is adopted for the exposure meter of this CdS Prism Finder, it is neither necessary to compensate for exposure when extending a lens nor to effect correction through the exposure factor when using a filter. However, since an appropriate exposure value finely varies according to the amount a lens is extended, always initially focus to ensure correct measurement.
2. When photometering is not performed, always turn off the meter switch (9) so that the word "OFF" is visible, thus preventing useless drain on the batteries.

When detaching the CdS Prism Finder from the camera, the battery source switch (separately installed with the meter switch) is automatically turned off. Even if the meter switch is left on the "ON" position, useless drain on the batteries is prevented.

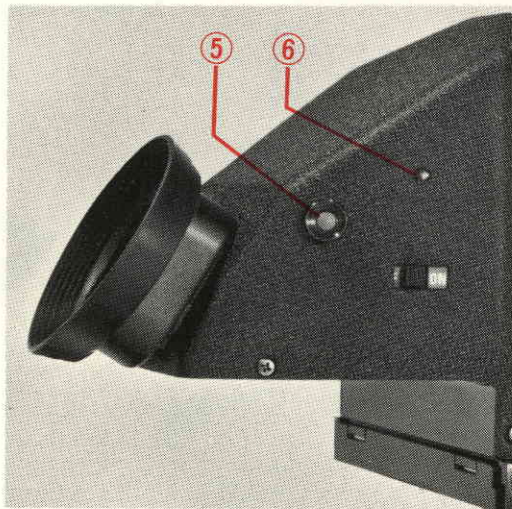
3. To perform correct photometering, press one eye closely against the eyecup to prevent light from entering the finder through the eyepiece.
4. Designed specifically for installation on the Mamiya RB, this CdS prism finder cannot be used as an independent exposure meter.

## ■ Battery Checker

To indicate how much battery power has been consumed, a battery checker is provided for the finder.

Depressing the battery checker (5) lights a bulb (6).

Frequently lighting the battery checker consumes much power, possibly causing an incorrect exposure setting; consequently, depress the checker only when absolutely necessary.



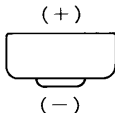
## ■ Regarding the Silver Battery

1. Plus (+) and minus (−) poles of the silver battery are indicated in the diagram; carefully check the pole direction to be inserted.
2. When replacing batteries, purchase the following: EVE-READY S-76, MALLORY MS-76, RAY-O-VAC RS-76G, or their equivalent. (Voltage: 1.5V)

Although shaped the same, do

NOT use mercury batteries; these are only 1.3V, preventing correct exposure from being obtained.

3. Remove the batteries when the CdS Prism Finder is not to be used over a long period.
4. If silver batteries are subjected to high temperature, they may explode. Never discard them in a furnace or flame.



## ■ Eye-correction Lens

The optical sytem of the camera finder is designed for easy, fatigue-free viewing for users with normal vision. Persons who do not wear glasses in spite of being nearsighted or farsighted, or whose vision is not sufficiently corrected by glasses, usually find it difficult to observe the finder image. Such persons may find this eye-correction lens (optional accessory) a boon to facilitating picture

taking.

Eight types of lenses are provided from +3 to -4 diopters (individual diopters are +3, +2, +1, -0.5, -1, -2, -3, and -4).

### Mounting the Eye-correction Lens

Remove the eyecup from the finder. Push the correction lens into the eyepiece frame and replace the eyecup in position.

