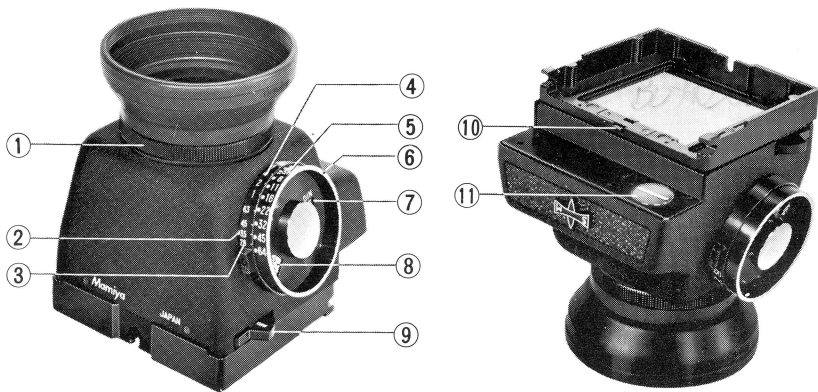


# ***Mamiya***

## **CdS Magnifying Hood for Mamiya C**

INSTRUCTIONS

Accurate exposure can be obtained quite simply by using a through-the-lens system CdS exposure meter and observing an enlarged finder image by installing this CdS magnifying hood on the Mamiya C Professional.



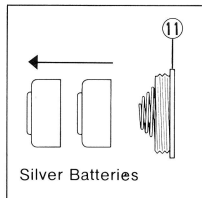
## Names of Parts

- |                              |  |
|------------------------------|--|
| 1. Visibility adjusting ring | 7. DIN scale window                          |
| 2. Index of lens speed       | 8. ASA scale window                          |
| 3. Scale of lens speed       | 9. Light-sensitive section set lever         |
| 4. Shutter speed dial        | 10. Slide lock for parallax correction plate |
| 5. Aperture scale            | 11. Battery chamber cover                    |
| 6. Film speed set dial       |  |

## Operating Method

### 1. Inserting two silver batteries

Remove the battery chamber cover (11) by turning it counterclockwise, 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.

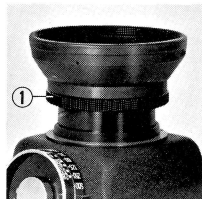


### 2. Attaching the CdS magnifying hood to the camera

The attaching method is the same as that of the camera focusing hood.

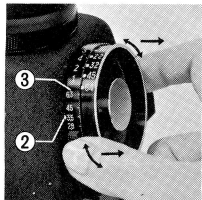
When turning the visibility adjusting ring (1), visibility is changed according to up-and-down motion of the cylinder. Adjust visibility so that the image can be observed most clearly.

The eyecup is a folding type that you pull up prior to using it.



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

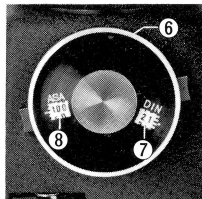
Turn the shutter speed dial (4) while slightly pulling it out; then set the same value opposite the index (2) as the speed (f/number) of the lens to be used.



For instance, when using the 105mm f/3.5 lens, set 3.5 of the lens speed scale (3) opposite the index (2), and when using the 80mm f/2.8 lens, set 2.8 opposite the index.

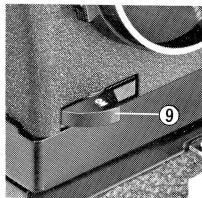
#### 4. Setting the speed of film to be used with the film speed set dial

Turn the film speed set dial (6) while slightly pulling it out; then set the film speed number (ASA or DIN) of the film to be used opposite the index of either scale window (8) or (7).



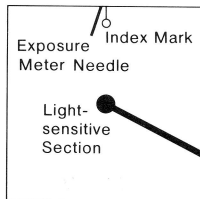
#### 5. Setting the CdS light-sensitive section in the center of the finder field

Move the light-sensitive section set lever (9) until it stops with a click and the word "ON" appears. Now the light-sensitive section is set in the center of the finder, the meter switch is on, and the needle is actuated.



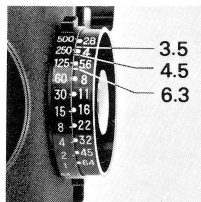
#### 6. Setting the exposure meter needle

On looking into the finder, the exposure meter needle and an index mark (δ) can be observed in the upper portion. While turning the shutter speed dial (4), set the exposure meter needle in the center of this index. [www.butkus.us](http://www.butkus.us)



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

Read and choose any combined values of shutter speed dial scale (4) and aperture scale (5), and proceed with photographing after setting the lens shutter speed and aperture.



## Important Points on Using the CdS Magnifying Hood

1. Since a through-the-lens system is adopted on the exposure meter of this CdS magnifying hood, exposure compensation when extending a lens is unnecessary.

However, since an appropriate exposure value delicately varies according to the amount a lens is extended, always focus first to ensure the correct measurement.

2. Since light is measured by the viewing lens, when a filter is attached to the picture-taking lens, the value read should be multiplied by the filter factor. Otherwise, it is necessary to measure the light by installing the same type of filter on the viewing lens as on the picture-taking lens. When a lens hood is used, pay attention to its reflecting light and to errors easily arising due to cutting off incoming light.

3. When photometering with the 105mm f/3.5 DS lens (built-in a diaphragm in the viewing lens), be sure to set the lens at its fully open aperture.

4. When photometering, always set the CdS light-sensitive section in the center of the finder.

To measure other than the image center, move the entire camera and measure that portion, setting the light-sensitive section on it.

5. When photometering is not performed, always return the light-sensitive section set lever (9) to the original position where the word "OFF" is visible, thus preventing useless drain on the batteries.

When detaching the CdS magnifying hood from the camera, the battery source switch (separately installed with the meter switch) is automatically turned OFF. So, even if the light-sensitive section set lever is left on the "ON" position, useless drain on the batteries is prevented.

6. To perform correct photometering, press one eye closely against the eyecup to prevent light from entering the finder through the eyepiece.

7. Designed for installation on the Mamiya C Professional, this CdS magnifying hood cannot be used as an independent exposure meter.

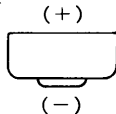
### Regarding the Silver Battery

1. Plus (+) and minus (-) poles of the silver battery are indicated in the diagram, so carefully check the direction of pole to be inserted.

2. When replacing batteries, purchase the following: EVEREADY S-76, MALLORY MS-76, or RAY-O-VAC RS-76G (Voltage: 1.5V).

Although their shapes are 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 magnifying hood is not to be used for a long period of time.



4. If silver batteries are subjected to high temperature, they may explode. Never discard them into a furnace or flame.

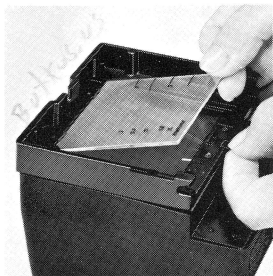
### **To Customers Owning the Mamiya C33/C330**

When using the Mamiya C33/C330 with a 55mm or 65mm lens, use a parallax correction plate for the 55mm/65mm lenses, installing it on the bottom of the finder.

Set the parallax correction lever of the camera on the 80 graduation.

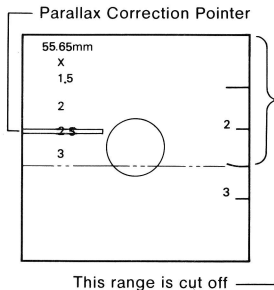
### **Attaching Method**

Turn the CdS magnifying hood inside out. Also turn the correction plate inside out and insert its chamfered edge in the two catches on the hood; then fit the correction plate while pulling out the slide lock (10) on the opposite side. When the slide lock is released, the plate is secured.



## Parallax Correction

When extending the lens, after attaching the hood to the camera, the parallax correction pointer will appear in the finder. When this pointer coincides with the figure 1.5 on the left side, the upper portion from the first line on the right side is cut off. When the pointer coincides with the figure 2, the upper portion from the second line is cut off. This is the same at any index line. (The figures on the left side indicate exposure factors; however, when photometering with this CdS magnifying hood, exposure compensation is unnecessary.)



  
**Mamiya**  
CAMERACO., LTD.

Printed in Japan