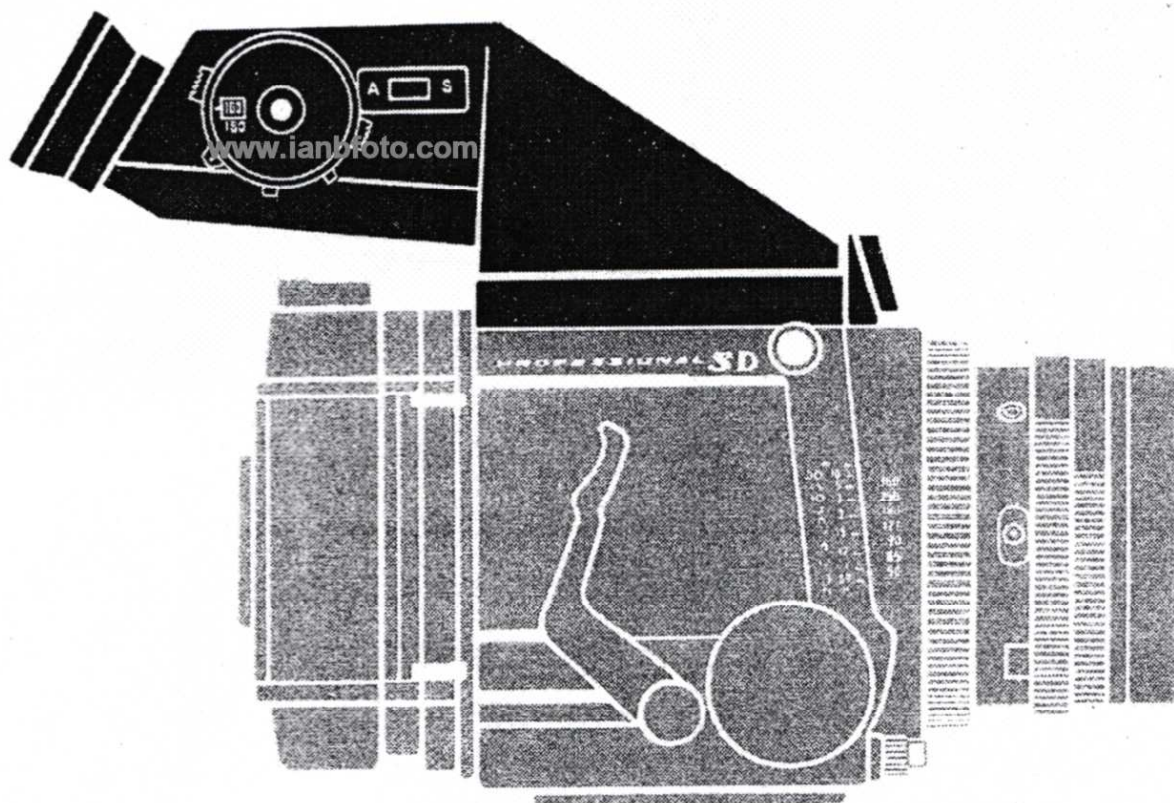


03/07/05

RB67 PROFESSIONAL

Mamiya

PD プリズムファインダー
PD Prism Finder
PD Prismensucher
Viseur à prisme PD



日本語 使用説明書
English Instructions
Deutsch Bedienungsanleitung
Français Mode d'emploi

Special Features

This PD Prism Finder incorporates a zero-method exposure metering system, contains a built-in Silicon Photo Diode metering system, and displays a bright, unreversed, laterally correct image.

Instant switching from averaging to spot metering is possible.

Viewfinder readout consists of green, orange and red LED's which indicate correct exposure and the type of metering system (averaging or spot) in use.

Overexposures and underexposures are also indicated in the ranges of more than 1 EV, +2.5 EV to +1 EV, -0.25 EV to -1 EV and less than -1 EV. Thus, various exposures suited for various purposes can be obtained. This PD Prism Finder can be also used in combination with Mamiya RZ67.

Specifications

Type: Prism finder which incorporates a zero-method exposure metering system.

0.93 × magnification with standard lens (KL127mm) at infinity.

Bright, unreversed and laterally correct image.

Metering System: Averaging/spot TTL metering in full-aperture metering.

Metering Range: EV3.16 (F3.5, 1 sec.)-EV18.5 (F32, 1/400 sec.) with F3.5 lens (ISO 100).

Shutter Speed Range: 1-1/400 sec.

Aperture Range: F2.8 (when combined with RZ67), F3.5-F45.

Full-Aperture Scale: F2.8 (when combined with RZ67 and 110mm lens), F3.5-F8.

Film Speed Range: ISO 12-6400.

Viewfinder Information: Visual display with 8 LEDs (red, orange, green orange, red and orange). Green LED indicates correct exposure.

Power Requirement: One 6V silver oxide battery cell (4SR44) or one 6V alkaline manganese battery cell (4LR44). Orange LED indicates battery wear.

Coupling to Camera: Readout type with zero-method exposure metering system.

Weight: Approx. 920g

www.ianbfoto.com

日本語

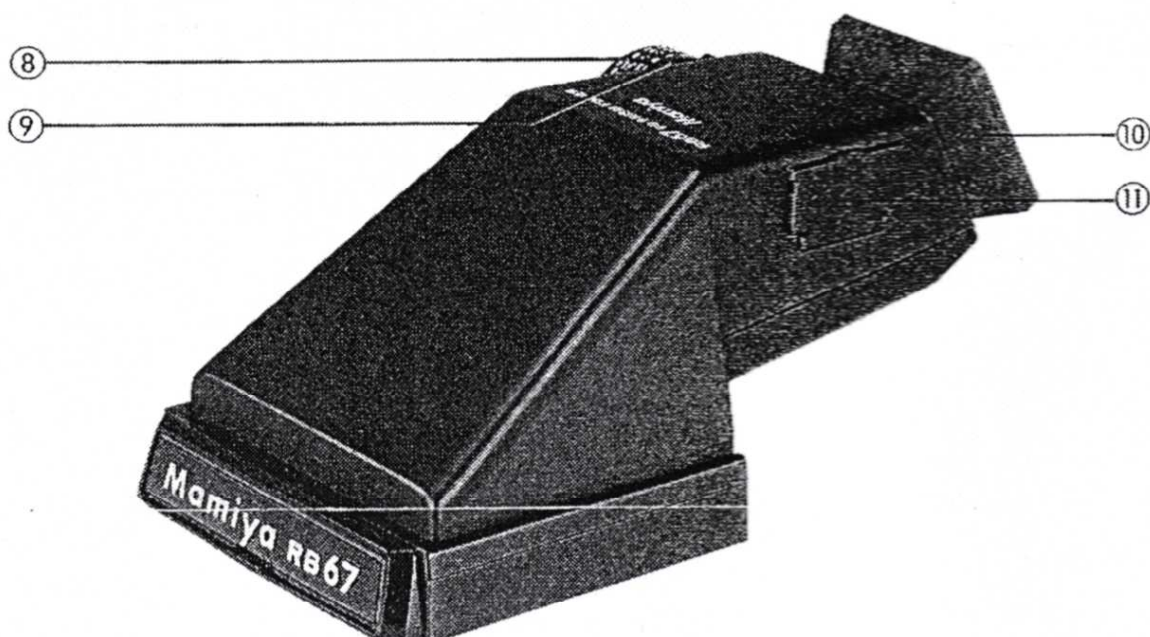
各部の名称

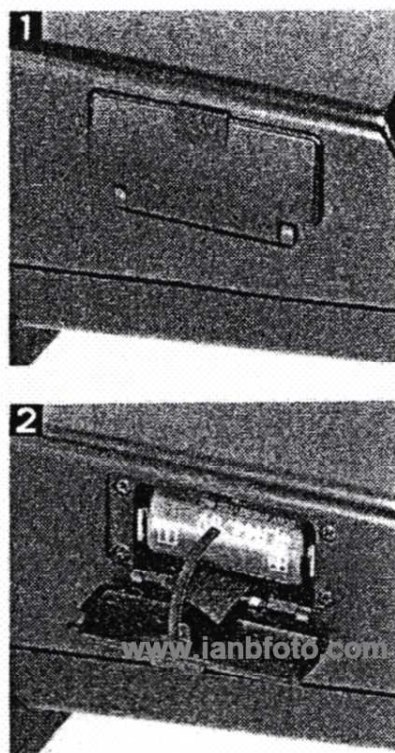
- ① 開放絞り値目盛
- ② 開放値指標
- ③ ISO感度表示窓
- ④ 開放値セットレバー
- ⑤ A (平均測光)、S (部分測光) 切換えスイッチ
- ⑥ 測光ボタン
- ⑦ フィルム感度(ISO)ロックボタン
- ⑧ 絞り目盛ダイヤル
- ⑨ シャッタースピードダイヤル
- ⑩ アイ・カップ
- ⑪ 電池ふた(バッテリーケース)

English

Name of Parts

- ① Full-Aperture Scale
- ② Full-Aperture Index
- ③ ISO Scale Window
- ④ Full-Aperture Set Lever
- ⑤ Dual Metering Switch
- ⑥ Power Switch
- ⑦ Film Speed (ISO) Lock Button
- ⑧ Aperture Scale Dial
- ⑨ Shutter Speed Dial
- ⑩ Eyecup
- ⑪ Battery Compartment Cover





Battery Installation

1. Open the Battery Compartment Cover. (Photo. 1)
2. Insert one 6V silver oxide battery cell (4LR44 or 4SR44) in the battery compartment with correct polarity. (Photo. 2)
(It is recommended to insert the battery on the ribbon pulled out for easy replacement.)
3. Close the Battery Compartment Cover.

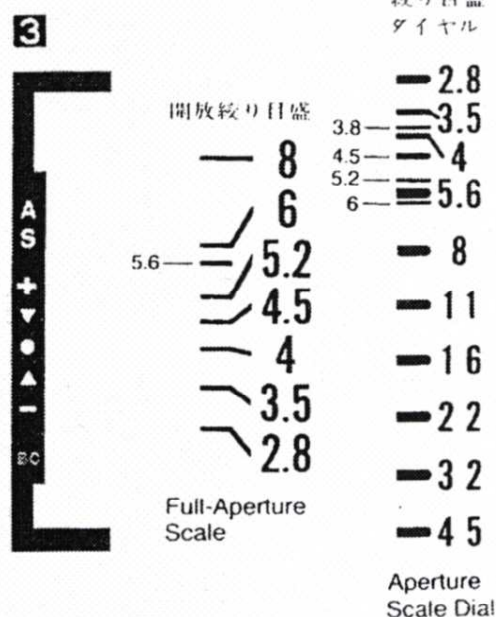
Attaching the Prism Finder

The PD Prism Finder is mounted on the camera in the same way as the Focusing Hood. (If there is a cover on the bottom of the Prism Finder, always remove it before attaching.)

Battery Check

After attaching the PD Magnifying Hood RB to the camera, press the Power Switch for battery check. (Fig. 3)

- If the BC (Battery Check) lamp does not illuminate, it means that the battery is spent or the polarity is not correct.
- If the BC lamp flashes, the battery is weak.



Film Speed Selection

While pushing the Film Speed (ISO) Lock Button, turn the Film Speed Set Ring, then set the film speed number (ISO) of the film to be used opposite the white index of the scale window. (Photo. 4)

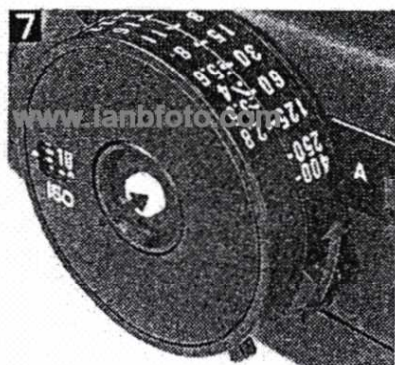
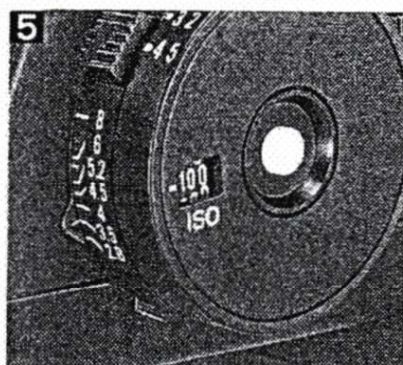
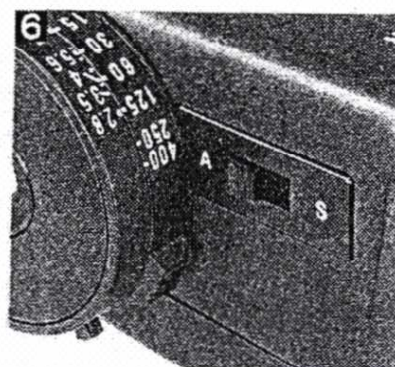
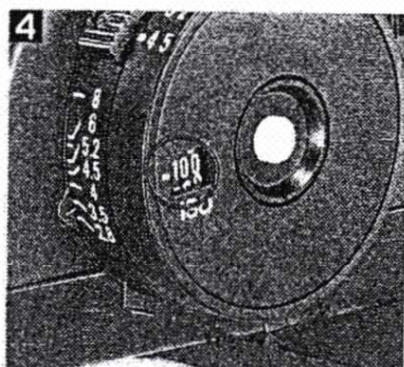
Setting the Full-Aperture of the Lens to be used

While pushing the Full-Aperture Lock Button, turn the Full-Aperture Set Ring, then set the same value opposite the yellow index as the full-aperture (F/number) of the lens to be used. For instance, when using the KL127mm f/3.5, set 3.5 of the scale opposite the index. (Photo. 5)

In case of using 360mm/f6.3 lens with this finder, set the full-aperture set ring to f/6.

Setting the Averaging and Spot Metering

Set the Dual Metering Switch to "A" for averaging and "S" for spot metering. (Photo. 6)



Exposure Determination

1. Press the Power Switch (white).

(Photo. 7)

After pressing the Power Switch, the metering system will operate for approximately 15 seconds.

If the Power Switch is pressed again during metering, the metering system will operate for another 15 seconds.

2. Rotate the Shutter Speed Dial until the green LED (Light Emitting Diode) illuminates. By following this procedure, correct exposure is easily and quickly determined.

Setting the Shutter Speed and Aperture of the Lens

If the green LED indicator lamp illuminates, read out the values of the shutter speed and aperture, then set the same values on the lens.

Viewfinder LED Indicator Lamp Readout



Red ——— Averaging metering

Red ——— Spot metering

Red ——— overexposure, more than +1 EV.

Orange ——— overexposure, +0.25 EV to +1 EV.

Green ——— correct exposure, within ± 0.25 EV.

Orange ——— underexposure, -0.25 to -1 EV.

Red ——— underexposure, less than -1 EV.

Orange ——— Battery Check lamp

Eyepiece Diopter Correction Lenses

The viewfinder system is adjusted for the eyesight of the average person, displaying an image that is easy to view for prolonged periods without tiring.

However, for near and farsighted individuals not wearing glasses, or for wearers of eyeglasses that are not fully corrected, the following 8 types of Diopter Correction Lenses are available: +3, +2, +1, -0.5 , -1 , -2 , -3 , -4 .

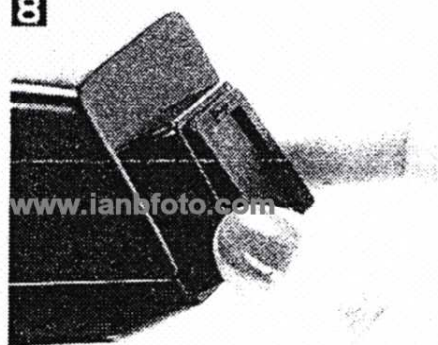
→ (+ Diopter Correction Lens)

→ (− Diopter Correction Lens)

Attaching Eyepiece Diopter Correction Lenses

After removing the eyecup, press the Eyepiece Diopter Correction Lens onto the eyepiece frame, and then replace the eyecup. (Photo. 8)

8



Special Applications of Spot Metering

The spot metering system of your PD Prism Finder will prove to be especially useful in circumstances such as those described below.

Large Differences in Contrast

1. When photographing a dark subject against a vast expanse of bright snow or sky, or when photographing an individual indoors sitting by a bright window, the bright background will cause underexposure of the subject if the averaging metering system is used. However, by switching to spot metering, perfect exposure can be achieved.
2. When photographing a subject in backlight, use the averaging metering system when desiring to render the subject as a silhouette, and use the spot meter when desiring to expose for the subject.

- If the system is used in chilly circumstances, use the coldproof battery case (accessory) to maintain battery performance.
- It is recommended to install as new battery as possible.
- Extraneous light entering through the eyepiece can affect the metering system, causing incorrect exposure. To prevent this, place your eye as close to the Eyecup as possible during exposure.
- Filter is used on the lens, there is no need for exposure compensation.
- When a Type D Focusing Screen (Cross Hair) is used, the PD Prism Finder will not indicate correct exposure because of the transparent central portion of this screen.
- When the PD Prism Finder is used in combination with Mamiya RZ67, attach the electrical contact cover over the electrical contacts of the camera body. The protruded part of the cover must be located on the rear side so that it will push the switch on the bottom of the Prism Finder.
- Use the blue contact cover on RZ67.

If the color of the cover is not blue, contact our Service Station.

This product employs a protective circuit for prevention of electrostatic electrification. Should an electrostatic trouble occur, be sure to turn off power to this Product before using it again. Be careful not to touch the electrical contact of this Product. In rare cases, this Product may be affected by a strong external electromagnetic wave. In such cases, carefully use this Product.

