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Mamiya M645

Bellows Lens Hood

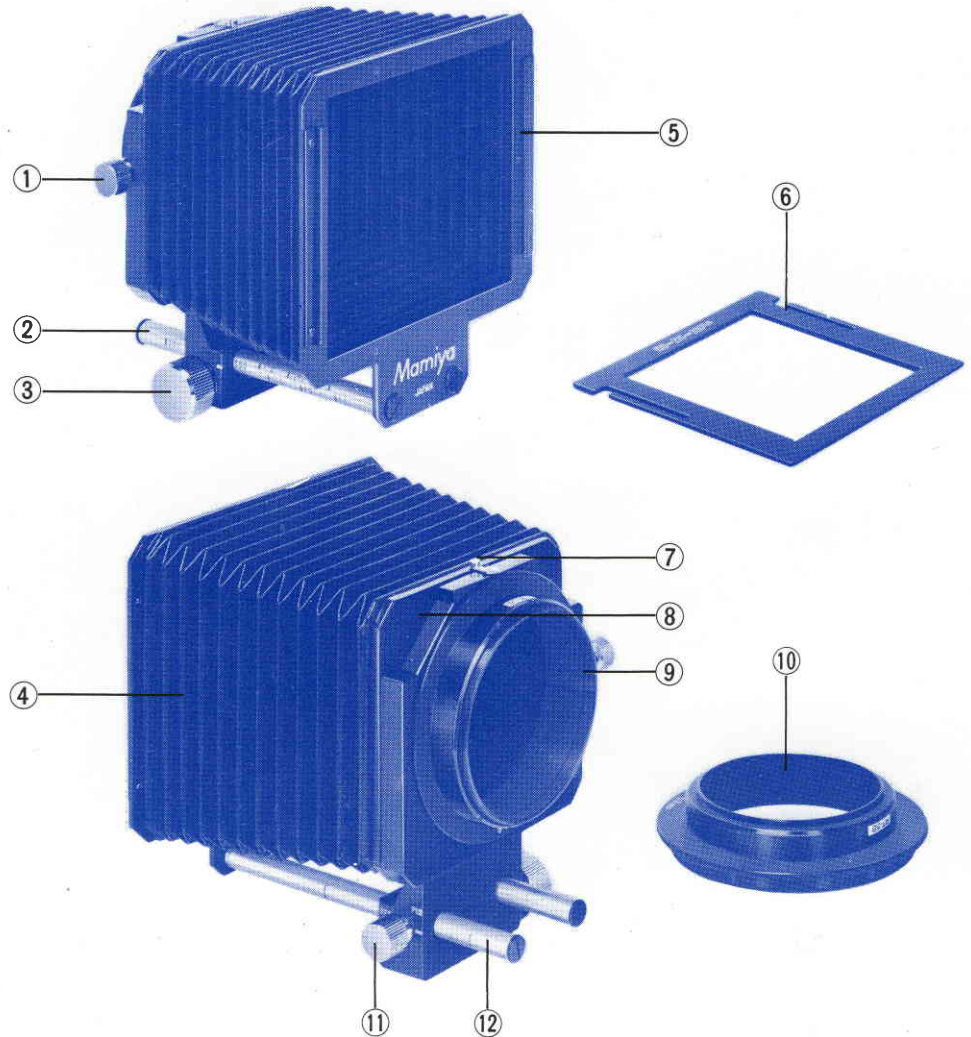
Instructions

The Bellows Lens Hood is a versatile compendium hood, with integrated rack-and-pinion mechanism and freely extendable bellows, that may be used with the 55mm to 300mm interchangeable lenses on the Mamiya M645 cameras.

The Bellows Lens Hood for M645 cameras comes with the Retaining Rings RT-67 and RT-58 for lenses with filter thread diameters of 67mm ϕ and 58mm ϕ , respectively. It also comes with a Telephoto Lens Mask for use with the 150mm, 210mm and 300mm interchangeable lenses.

At the rear of the hood is a gelatin filter slot which will accept 3" (7.6cm) square gelatin filters.

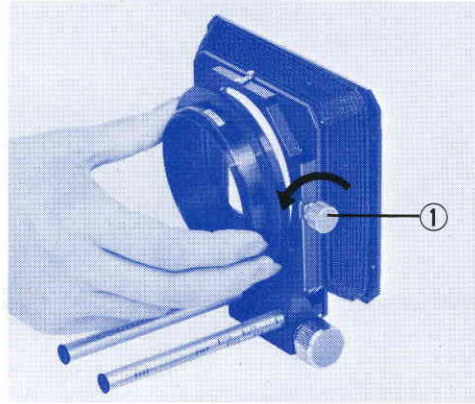
Combining the Bellows Lens Hood with the Auto Bellows and the Slide Copy Attachment Set also designed for the Mamiya M645 cameras provides a slide copier capability for formats ranging from 35mm up to 6 x 7cm (For further details, see the Instruction Manual for the Auto Bellows for M645).



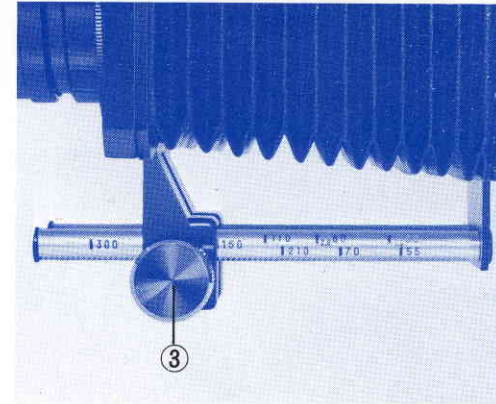
Description of Parts

1. RT Ring Locking Screw
2. Extension Scale Bar for Lens Hood
3. Extension Knob
4. Bellows
5. Mask Guide
6. Telephoto Lens Mask for 150, 210, 300mm Lenses
7. Safety Pin for Gelatin Filter
8. Gelatin Filter Slot (for 3" [7.6cm] filters)
9. Retaining Ring RT-67
10. Retaining Ring RT-58
11. Extension Locking Screw
12. Extension Scale Bar for Slide Copy Attachment

Using the Bellows Lens Hood



1. Loosen the RT Ring Locking Screw (1) and detach the RT Ring while rocking the ring slightly.
2. Select either the Retaining Ring RT-58 or RT-67 according to the filter attachment diameter of the lens used and screw the Retaining Ring on the lens.



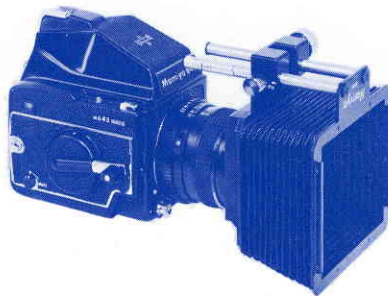
3. Loosen the Extension Locking Screw (11) and turn the Extension Knob (3) to set the focal length of the lens used on the Extension Scale Bar for Lens Hood (2). After setting, tighten the screw to lock the knob.



4. To avoid accidental cut off of the picture by the edge of the Bellows Lens Hood, you must attach the hood straight to the lens aligning the edges of the hood to the front lines of the camera before you tighten the attaching screw.

5. When using a 150mm, 210mm or 300mm lens, insert the Telephoto Lens Mask into the Mask Guide (5) . Push the mask into the guide until the mask touches the upper edge of the guide section.

6. When using a gelatin filter, insert the filter into the Gelatin Filter Slot (8) and turn the Safety Pin (7) to prevent accidentally losing the filter.



Note:

★ Extension lengths calibrated on the scale have safety margins to prevent vignetting at the picture edges. If you extend the Bellows Lens Hood farther than the marked point, vignetting will increase, especially at the maximum aperture even if you cannot see any image cut-off at the edges in the viewfinder. Due to its large aperture, the Bellows Lens Hood extension of the 210 mm lens is shorter than the marked point of the 150 mm lens, to eliminate vignetting at its maximum opening.

★ With some tripods and interchangeable lenses the scale bars may hit the

tripod mount. Turn the Bellows Lens Hood upside down in such a case.

★ When using the hood in an upside-down position, insert the Telephoto Lens Mask from the reverse side to prevent the mask from dropping out.

★ The scale calibrated on the Scale Bar (12) is used for slide duplicating when the Auto Bellows and the Slide Copy Attachment are combined with the Bellows Lens Hood.

● System Chart of Auto Bellows and its Related Accessories

