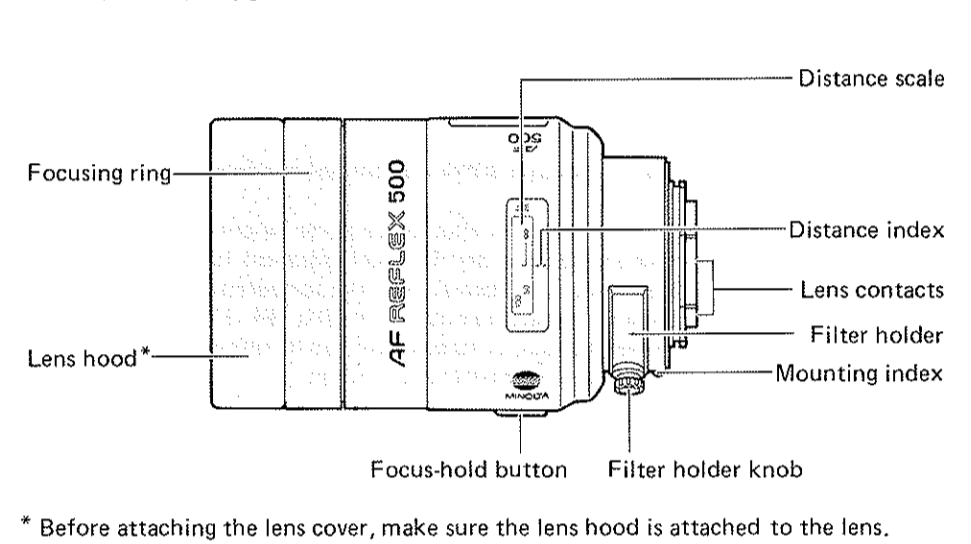


MAXXUM

AF REFLEX 500MM F8

NAMES OF PARTS



Your Maxxum AF Reflex 500mm f/8 is a compact, autofocus, reflex-type telephoto lens designed for use with the Maxxum 5000i/7000i/8000i camera; in manual mode, it may be used with other Minolta Maxxum AF SLRs as well. To make the most of your new lens, please read this manual carefully before attempting to use it.

ATTACHING AND REMOVING LENS

To attach the lens, remove the rear lens cap, align the red mounting index on the lens barrel with the red mark on the camera body, and insert the lens into the mount. Turn the lens clockwise until it locks in place with a click (A).

To remove the lens, push the lens-release button on the camera and turn the lens counterclockwise as far as it will go, then lift the lens out of the mount (B). Attach lens caps to protect the lens.

FOCUSING

The Maxxum AF Reflex 500mm f/8 can be used in either auto or manual focusing mode when attached to the Maxxum 5000i/7000i/8000i camera body. When you use Maxxum 7000i/8000i in autofocus mode, only camera's central autofocus sensor operates; frame your subject as shown (C).

When using the lens in AF mode you can, using the lens' focus-hold button, easily take pictures of a scene with your subject outside the viewfinder's focus zone. To use the lens' focus hold feature, focus with your subject inside the focus zone and press down the focus-hold button (D); then, recompose the picture and release the shutter. The Maxxum 7000i/8000i allows you to change the function of the focus-hold button by using the Customized Function Card. For details, refer to the card's instruction manual. When using autofocus avoid touching the focusing ring since this will interfere with its movement.

To focus the lens manually, set the focus-mode switch to M. Turn the focusing ring until the subject appears sharp (E).

If you want to use this lens with any other Minolta Maxxum AF SLR camera other than Maxxum 5000i/7000i/8000i (Maxxum 3000i*, 9000, 7000, or 5000), focus manually and use the viewfinder image to confirm focus.

* The 3000i's viewfinder signals will not be accurate.

NOTE:

- Changes in temperature cause the lens barrel to expand and contract slightly. The distance scale markings indicate the approximate focus distance at moderate temperatures. At higher temperatures, the focusing mechanism will turn past its nominal infinity point (F). With autofocus, no correction is needed. When focusing manually, always check sharpness in the viewfinder, especially when the focus point is set near infinity.

EXPOSURE MODES

S mode cannot be used with this lens.

FILTER

The filter holder at the rear of the lens contains a clear filter marked "NORMAL"; another holder, containing a filter marked "ND4X", is supplied as well. If you're shooting a bright scene, the ND4X filter can be used to reduce the amount of light reaching the film by 2 stops. To obtain optimum results, one of these filters should be used at all times, since the filter is an integral part of the lens' optical design.

NOTE:

- If you use the ND4X filter and meter by hand, instead of with the camera's meter, remember that it requires 2-stop exposure compensation.

Changing Filters

- Remove the filter holder: Press and turn the holder's knob counterclockwise until the line on top of the knob aligns with the lens holder, then lift the holder straight out (G).
- Make sure that the side of the holder with the filter name (NORMAL or ND4X) faces the camera body and that the line on the knob is parallel to the holder; then, insert the holder into the lens barrel (H).
- Press and turn the knob clockwise until the line on top is perpendicular to the holder (I).

CARE AND STORAGE

- Do not touch the lens contacts.
- Never touch lens surfaces with your fingers. If necessary, use photographic lens tissue, which may be moistened with a drop of lens-cleaning fluid. Never drop fluid directly onto the lens surface.
- When not in use, always keep the lens capped and stored in its case.
- Store the lens away from heat, humidity, and harmful chemicals or vapors.
- Do not subject the lens to strong shock or vibration.
- For all service or repairs, contact an authorized Minolta service facility.

SPECIFICATIONS

Type: Catadioptric extreme telephoto
 Construction: 7 elements in 5 groups, with 2 mirror and 1 filter
 Angle of View: 5°
 Minimum focusing distance: 13-1/8 ft. (4m)
 Lens stops: f/8
 Filters: NORMAL and ND4X included
 Dimensions: 3-1/2 x 4-5/8 in. (89 X 118mm)
 Weight: 24-11/16 oz. (700g)

Specifications subject to change without notice.

