

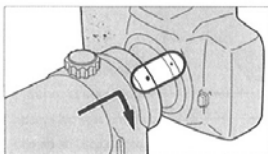


AF LENS

AF 300mm F4 APO G / AF 400mm F4.5 APO G

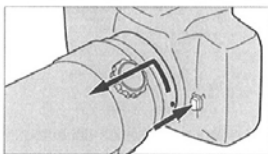
The Minolta AF Apo Telephoto lenses are designed specifically to provide optimum performance with Minolta AF SLI cameras.

ATTACHING AND REMOVING THE LENS



Attaching the Lens

1. Remove the rear lens cap and camera's body cap.
2. Align the red mounting index on the lens barrel with the red mounting index on the camera's lens mount. Then insert the lens into the mount and turn clockwise until it locks with a click.



Removing the Lens

1. Hold down the camera's lens release and turn the lens counterclockwise as far as it will go.
2. Then lift it out of the mount.

TRIPOD MOUNT

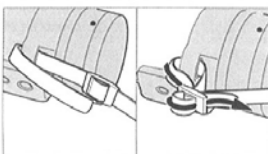


This lens has a tripod mounting collar so that it can be mounted directly on a tripod. Mounting the lens on a tripod reduces the stress on the camera body as well as the possibility of blurred photos caused by camera shake. Two tripod sockets with 1/4- and 3/8" threads permit mounting on most tripods.



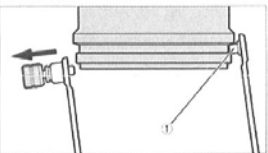
After mounting the lens on the tripod, it can be rotated for vertical or horizontal shots. Loosen the clamp by turning the tripod mounting knob counterclockwise. Then rotate the lens barrel to the desired position, and retighten the knob. Orange dots on the lens barrel align with the orange dot on the collar to indicate the vertical and horizontal positions.

ATTACHING THE CARRYING STRAP



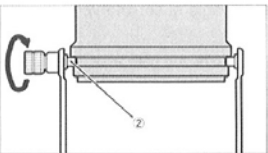
Attach the carrying strap to the lens as shown.

LENS HOOD

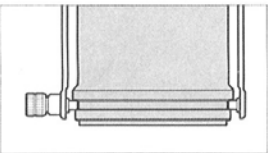


Attaching the Lens Hood

1. While gently pulling up the hood clamp knob, angle the lens so that the two guide pins are seated in the hood mount on the lens.



2. Align the hood clamp with the hood mount and release the hood clamp knob.
 3. Turn the hood clamp knob clockwise to secure the lens hood.
- To remove the lens hood, loosen the hood clamp knob by turning counterclockwise and gently pull it up. Then remove the lens hood by angling away from the lens.



To store the lens hood, attach it to the lens in the reverse direction as shown.

FOCUSING



To focus automatically, set the camera to autofocus mode and slide the focusing ring cover over the focusing ring and rotate to lock it closed so that you do not interfere with the autofocus operation.

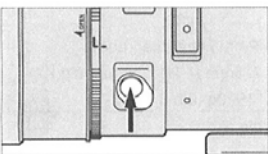
- Do not touch the focusing ring while autofocus is operating.



To focus manually, set the camera to manual focus mode and slide the focusing ring cover forward. Turn the focusing ring until the subject appears sharpest in the viewfinder.

- 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 normal infinity point. When focusing the lens manually, always check focus in the viewfinder, especially when the focus point is near infinity. With autofocus, correction is needed.

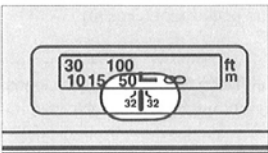
FOCUS-HOLD BUTTON



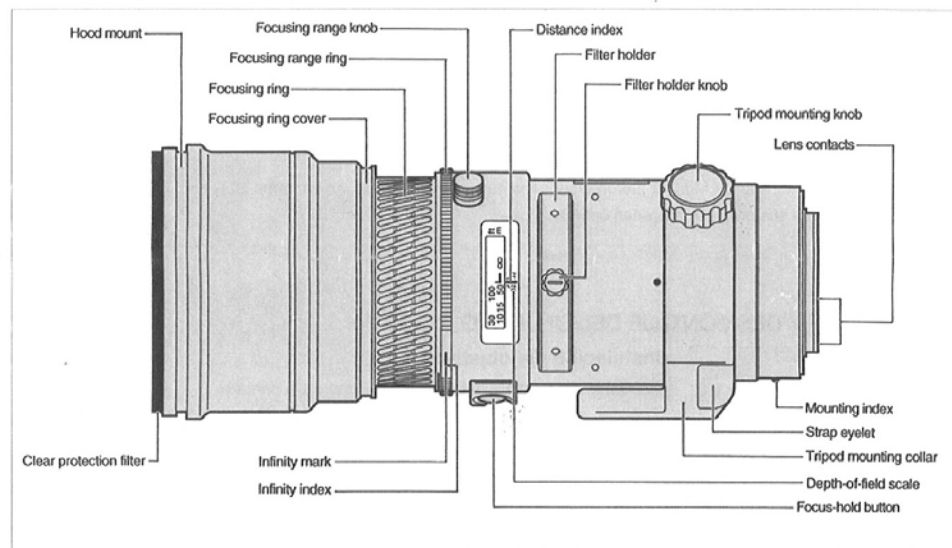
Press the focus-hold button to lock focus on your subject.

- If your camera accepts the Customized Function Card xi or the Customize Function card, the function of the focus-hold button can be changed. Refer to the card owner's manual for details.

DEPTH-OF-FIELD SCALE

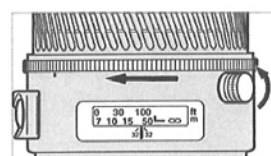


The range of sharp focus is indicated by lines on the depth-of-field scale corresponding to the aperture in use.



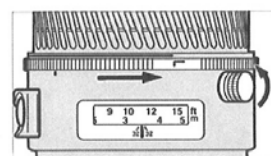
ADJUSTING THE FOCUSING RANGE

When you know that your subject will remain within certain distances from the lens, you can limit the focusing range for those distances so that the lens will focus faster. This control can be used with autofocus or manual focus and is especially useful when photographing fast moving subjects.



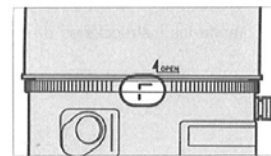
For distant subjects

1. Loosen the knob on the focusing range ring.
2. Focus the lens on a subject that is at the nearest distance that you want in focus.
3. Rotate the focusing range ring counterclockwise as shown until it stops, then retighten the knob. The lens can now be focused from infinity to the distance set in step 2.



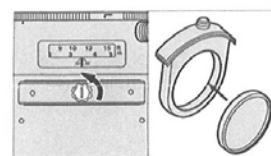
For closer subjects

1. Loosen the knob on the focusing range ring.
2. Focus the lens on a subject that is at the farthest distance that you want in focus.
3. Rotate the focusing range ring clockwise as shown until it stops, then retighten the knob. The lens can now be focused from its minimum focus distance to the distance set in step 2.

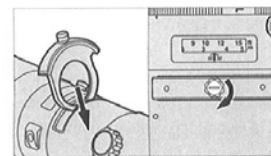


To use the entire focusing range, loosen the knob and rotate the focusing range ring until the infinity mark on the ring aligns with the infinity index on the lens barrel.

INTEGRAL FILTER



The filter holder at the rear of the lens contains a clear filter (marked "NORMAL") which forms an integral part of the lens' optical design. For optimum image quality, a filter must always be used in the holder.



To change the filter:

1. Press and turn the holder's knob counterclockwise until the orange line is aligned parallel with the holder, then lift the holder straight out.
2. Unscrew the filter from the holder and replace it with the desired filter.
3. Make sure that the side of the holder with the filter attached faces the camera body and that the orange line on the knob is aligned parallel with the holder, then insert the holder into the lens barrel.
4. Press and turn the knob clockwise until the orange line is aligned perpendicular to the holder.

CARE AND STORAGE

- Do not touch the lens contacts.
- If the lens is dirty, gently clean it with a lens brush. If necessary, moisten a sheet of lens tissue with one drop of lens cleaning fluid and gently wipe the lens. Never touch the lens surface with your fingers.
- When not in use, keep the lens capped and in its case.
- Store your lens away from heat, humidity, and harmful chemicals and vapors.
- Do not subject the lens to strong shock or vibration.
- For all service and repairs, contact an authorized Minolta service facility.

SPECIFICATIONS

	AF 300mm f/4 APO G	AF 400mm f/4.5 APO G
Elements:	9	9
Groups:	7	7
Angle of view:	8° 10'	6° 10'
Minimum focus:	2.5m (8.2 ft)	3m (9.8 ft)
Maximum mag.:	0.14X	0.15X
Minimum aperture:	f/32	f/32
Filter diameter:	42mm (integral filter)	42mm (integral filter)
Dimensions:	91 x 220.5mm (3.58 x 8.68 in)	109 x 275mm (4.29 x 10.82 in)
Weight:	1,410g (3lb 1.76 oz)	1,920g (3lb 3.68 oz)

• Specifications are based on the latest information available at the time of printing and are subject to change without notice.

Standard accessories: Heavy-duty carrying case, neckstrap, NORMAL integral filter, and clear (CLR) protection filter for front element.

Optional accessories: Integral filters: Y52, O56, R60, 1B, ND4X, A12, B12, and the Circular Polarizing filter.

If you want to use this lens in combination with a tele converter, note that optimal autofocus performance will be obtained only with the Minolta AF 1.4X Tele Converter Apo-II series. For other types of tele converters, manual focus is required.