KIRON

28-70mm f3.5-4.5
Macro Focusing Zoom

Instructions


KIRON 28 — 70mm f/3.5 — 4.5
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Your new Kiron 28-70mm f3.5-4.5 Macro Focusing Zoom is the product of advanced optical design and precision mechanical engineering. It's also easy to use. Simply take a few minutes to familiarize yourself with the following description of features and general instructions. With proper use and care, your Kiron 28-70mm f3.5-4.5 zoom will provide you with years of outstanding service.

Features

1. 62mm filter threads
2. Focus control
3. Infrared focus marks
4. Zoom control
5. Macro index mark
6. Distance scales
7. Distance index line
8. Aperture index mark
9. Aperture ring

Mounting the Lens

Nikon, Minolta, Olympus, Pentax, Yashica/Contax, Konica mounts — Use the standard procedure for mounting your camera brand lenses.

Canon mount — Canon mount Kiron lenses have a black mounting ring. Mount the lens as shown in photo B, with all three index marks aligned. Turn the mounting ring clockwise to lock the lens onto your camera.

Zooming and Focusing

Twist the focus control from right to left to focus. Twist the zoom control from right to left to zoom. You may find it easier to focus with the lens set at the 70mm position. You can then zoom to the image size you want without disturbing the focus. (Note: The plane of focus for infrared radiation is different from that of visible light. When shooting with infrared films, set the appropriate distance on the distance scale ring opposite the desired focal length marked in red on the lens barrel.)

Macro Focusing

For maximum image magnification (1/4 life-size), set the macro index mark at the distance index line, and set the focus control to the minimum focusing distance. The image will come into focus at approximately 6 inches (0.15 m) from the front lens element.

How To Get The Most From Your Lens

The steadier your camera, the sharper your picture. Camera motion can blur your pictures just as easily as subject motion. Your minimum shutter speed for hand-held photography should therefore be no lower than 1/125 second. When using slower shutter speeds, take care to properly brace yourself or place the camera on some form of steady support.

Lens Care

When using your lens, take normal care to protect the front element from fingerprints, dirt, sand, and water. Remove dust with a soft lens brush or a gentle puff of compressed air. Remove fingerprints or other marks with photographic lens tissue moistened with

photographic lens cleaner. Never rub the lens with dry tissue or any other material, since this can scratch the coatings.

When your lens is being stored, keep it in a cool, dry place with front and rear caps attached.

NOTE: If you live in a humid climate, it is important that your lens be stored with a small package of silica gel (such as the one supplied) at all times. This will help to prevent fungus, a result of high humidity, from forming in the lens.

Specifications

Aperture range: f3.5-4.5 — f22
Angles of acceptance: 75 — 34.5 degrees
Optical construction: 9 elements, 8 groups
Maximum reproduction ratio: 1/4 life-size
Minimum focusing distance
(from film plane): 0.29 m (11.42 in.)
Overall length (at 28mm): 83.2 mm (3.3 in.)
Maximum barrel diameter: 65.5 mm (2.6 in.)
Accessory size: 62mm
Weight: 428 g (15 oz.)

Specifications subject to change without notice. Weights and measures vary slightly according to lens mount.

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