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You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON AF VR ZOOM-NIKKOR 80-400MM F4.5-5.6D. You'll find the answers to all your questions on the NIKON AF VR ZOOM-NIKKOR 80-400MM F4.5-5.6D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NIKON AF VR ZOOM-NIKKOR 80-400MM F4.5-5.6D

User guide NIKON AF VR ZOOM-NIKKOR 80-400MM F4.5-5.6D

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Instruction manual NIKON AF VR ZOOM-NIKKOR 80-400MM F4.5-5.6D

AF VR Zoom-Nikkor ED 80–400mm f/4.5-5.6D



Nikon

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Manual abstract:

/ : ; < Aperture index Minimum aperture lock lever Aperture scale Aperture-direct-readout scale Meter coupling ridge CPU contacts Minimum aperture signal post (EE servo coupling post) Aperture indexing post Aperture ring Vibration reduction mode switch Tripod collar lock screw Tripod collar This is a high-performance telephoto zoom lens featuring an exceptionally wide 5x zoom range, plus a special vibration reduction mechanism (hence the "VR" in its name). With this lens, you can take pictures at shutter speeds approx. 3 steps slower than you ordinarily could without using a VR lens and still get sharp results. For example, at the 400mm setting, instead of being limited to 1/500 sec. , you can shoot at shutter speeds down to 1/60 sec. This lens makes telephoto shooting without a tripod much easier. Manual focus using focus assist as well as autofocus are possible with all Nikon AF camera bodies, except the F3AF. A (autofocus) or M (manual focus) mode can easily be selected with the focus mode select ring. More accurate exposure control is possible when this lens is mounted on a Nikon camera having 3D Matrix Metering capability, because subject-distance information is transferred from the lens to the camera body. The use of three ED (extra-low dispersion) lens elements ensures sharp pictures virtually free of color fringing.

Also, by utilizing a 9-blade diaphragm that produces a nearly circular aperture, out-of-focus images in front of or behind the subject are rendered as pleasing blurs. This lens can be used as an interchangeable lens for the Nikon digital SLR (Nikon DX format) cameras, such as the D2-Series and D50.

When the camera is pointed down, be careful not to hold the lens at the very end as indicated by the black marks in Fig. F, because the zoom ring or focus ring may rotate and pinch your fingers. The Ls on either side of A and M are the locked positions for autofocus or manual focus.

To release the lock, rotate the ring while pressing the focus mode release button. To release the lock, rotate the ring while pressing the focus mode release button. Note that only manual focus (with the ring set to M or the L beside M) is usable when the lens is mounted on manual focus cameras or autofocus cameras set to the M mode. In the autofocus or manual focus mode, depending on the shooting distance, you can use this switch to limit the range of focus and reduce focusing time. The focus limit switch cannot be set at a position between approx.

The following cameras are usable: 35mm SLR cameras: F6 , F5 , F100 , F80-Series/N80-Series , F75-Series/N75Series , F65-Series/N65-Series · Digital cameras: D2-Series, D1-Series, D100, D70-Series, and D50 When using the lens with cameras other than those listed above, set the vibration reduction mode switch to OFF to cancel the vibration reduction mode. With the Pronea 600i/6i camera, in particular, battery power may become depleted quickly if this switch is left ON. vibration is reduced only at the instant the shutter is released. Characteristic of the vibration reduction mechanism, the image in the viewfinder may blur after releasing the shutter. Do not turn the camera power OFF while the vibration reduction mode is in operation. Otherwise the lens may emit a chattering noise when it is moved quickly. This is not a malfunction. Turn the camera power ON again to correct this. If the lens is removed from the camera while the vibration reduction mode is in operation, the same thing may happen as stated above. Mount the lens and press the shutter release button halfway to eliminate the chattering noise.

When the shutter release button is lightly pressed, the vibration reduction mode does not work with cameras such as F80-Series/N80-Series or D100 while the camera's built-in Speedlight is recycling. Cut out the scales along the lines indicated. 3 Read the scale 2 numbers that correspond to the aperture in use. To release the lock, slide the lever in the opposite direction. To determine the correct aperture, refer to the chart 3 on page 71--Relationship between focal length and maximum aperture. When shooting black and white infrared film, it is necessary to make slight manual compensation to the focused distance. with color infrared film , no compensation in focus is needed. The small gold dot just to the left of the distance index line is the infrared compensation index at the 80mm setting. First, focus manually on the subject, then realign your focused distance with the small gold dot. Focused length setting 105mm 135mm 200mm 300mm 400mm Compensation from distance index line (on distance scale) 4. Various interchangeable focusing screens are available for certain Nikon SLR cameras to suit any picture-taking situation. See instruction manual of the camera body for more details. Blank box means not applicable. However at 80mm the shooting distance must be 4. This lens is equipped with a detachable rotating tripod collar.

2 Insert the lens by aligning the tripod collar alignment index on the lens with the mark on the tripod collar. 3 Turn the lens to an appropriate position index 3 (three indexes are provided every 90°) on the tripod collar by aligning the tripod collar alignment index on the lens, then tighten the screw. (If the screw is not tight, the lens may accidentally come off the tripod collar.) Removing the tripod collar First loosen the tripod collar lock screw until the tripod collar rotates freely. Do not loosen the lock screw too much as it may come off.

Then align the tripod collar alignment index on the lens with the mark on the tripod collar and pull off the tripod collar. Line up the white index on the hood with the hood mounting index on the front of the lens and turn the hood clockwise (as viewed from the front of the lens) until it click stops. Clean the lens surfaces with a blower brush. Wipe in a circular motion from center to outer edge, taking care not to leave traces or touch other parts of the lens.

A lens hood also helps protect the front of the lens. Do not get water on the lens or drop it in water as this will cause it to rust and malfunction. Reinforced plastic is used for certain parts of the lens. Teleconverter TC-201 (Vibration reduction mode is not effective and only manual focus is available. Reproduction ratio: Focusing: Vibration reduction: Shooting distance scale: Aperture scale: Minimum aperture lock: Diaphragm: Exposure measurement: Attachment size: Dimensions: Weight: D-type AF Zoom-Nikkor lens having built-in CPU and Nikon bayonet mount. 6 17 elements in 11 groups (including 3 ED lens elements) 30°10'6°10' [20° 4° with Nikon digital cameras (Nikon DX format); 24°20' 5° with IX240 system cameras] 80, 105, 135, 200, 300, 400mm Output to camera body Manually via separate zoom ring 1:25 (at 80mm)1:4.

8 (at 400mm) Autofocus or manual focus via separate focus ring Lens-shift method using voice coil motors (VCMs) Graduated in meters and feet from 2.



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