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> Nikon NIKKOR Z 24-120mm f/4 S Lens Instruction Manual

Nikon 20105

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Model: 20105

PRODUCT OVERVIEW

The NIKKOR Z 24-120 f/4 S is a versatile all-purpose zoom lens designed for Nikon Z series mirrorless cameras. It features premium S-Line optics, a constant f/4 aperture, close focusing capabilities, robust weather-sealing, and superior resolution, all within a compact and travel-friendly design.

Key features include:

- **Camera compatibility:** Compatible with FX and DX format Nikon Z series mirrorless (24mm-120mm on an FX format Z camera), (36mm – 180mm on a DX format Z camera).
- **Close focusing:** Show the smallest details by getting as close as 1.15 ft. from your subject at any zoom position, including 120mm.
- **Autofocus:** Autofocus is split between two high-speed, ultra-quiet STM stepping motors, enabling close focusing, edge-to-edge sharpness and virtually no color bleeding or focus breathing.
- **Custom control ring:** Turn the ring on the lens to control, aperture, ISO or exposure compensation.
- **Dedicated manual focusing ring** for smooth and precise manual focusing.

WHAT'S IN THE BOX

- NIKKOR Z 24-120mm f/4S lens
- LC-77B Lens Cap (front cap)
- LF-N1 Lens Cap (rear cap)
- HB-102 Lens Hood
- CL-C2 Lens Case

SETUP

Follow these steps to properly set up your NIKKOR Z 24-120mm f/4 S lens with your Nikon Z series camera.

1. Attaching the Lens:

- Ensure both the camera and lens are powered off.
- Remove the body cap from the camera and the rear lens cap from the lens.
- Align the mounting mark on the lens with the mounting mark on the camera body.
- Rotate the lens counter-clockwise until it clicks into place. Do not force the lens.



Image: Nikon Z camera with the NIKKOR Z 24-120mm f/4 S lens securely attached.

2. Attaching the Lens Hood (HB-102):

- Align the lens hood's mounting mark with the mark on the front of the lens.
- Rotate the hood clockwise until it clicks into place.
- The lens hood helps to block stray light and protect the front element of the lens.



Image: The HB-102 lens hood, designed to reduce flare and protect the lens.

OPERATING THE LENS

This section details the primary functions and controls of your NIKKOR Z 24-120mm f/4 S lens.

Zoom Ring

Rotate the zoom ring to adjust the focal length between 24mm (wide-angle) and 120mm (telephoto). This allows for versatile framing from expansive landscapes to detailed close-ups.



Image: The NIKKOR Z 24-120mm f/4 S lens, showing the zoom ring with focal length markings.

Focusing

The lens supports both autofocus and manual focusing. The autofocus system utilizes two high-speed, ultra-quiet STM stepping motors for precise and silent operation.

- **Autofocus (AF):** Set the camera's focus mode to AF. The lens will automatically focus on your subject.
- **Manual Focus (MF):** Set the camera's focus mode to MF. Rotate the dedicated manual focusing ring for smooth and precise manual focusing.



Image: A photographer holding a camera with the NIKKOR Z 24-120mm f/4 S lens, demonstrating typical usage.

Custom Control Ring

The lens features a customizable control ring. This ring can be assigned to control various camera settings such as aperture, ISO sensitivity, or exposure compensation via the camera's menu.



Image: A close-up view of the NIKKOR Z 24-120mm f/4 S lens, highlighting the custom control ring and other switches.

Vibration Reduction (VR)

While this specific lens relies on the camera's in-body image stabilization (IBIS) for vibration reduction, it is designed to work seamlessly with Nikon Z bodies that feature this technology, ensuring sharp images even in challenging conditions. For a visual summary of the product, please watch the official video below:

Your browser does not support the video tag.

Video: Official Product Summary Video for the NIKKOR Z 24-120mm f/4 S lens, provided by Amazon Product Imaging.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your lens.

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical surfaces. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
- **Dust Removal:** Use a blower brush to remove dust from the lens surface. Avoid wiping dry lens elements as this can scratch the coating.
- **Storage:** When not in use, store the lens with both front and rear caps attached in a dry, cool place away from direct sunlight and extreme temperatures. Consider using a desiccant to prevent mold growth in humid environments.
- **Handling:** Always handle the lens by its barrel. Avoid touching the glass elements.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

- **Lens Not Attaching Securely:**

- Ensure the lens and camera mounting marks are correctly aligned before rotating.
- Check for any obstructions on the lens mount or camera body.

- **Autofocus Not Working:**

- Verify that the camera's focus mode is set to Autofocus (AF).
- Ensure there is sufficient light for the autofocus system to operate.
- Clean the lens contacts on both the lens and camera body with a clean, dry cloth.

- **Image Quality Issues (Blurry/Soft Images):**

- Check if the lens is properly focused. Switch to manual focus to confirm.
- Ensure the lens elements are clean and free from smudges or dust.
- If shooting in low light, ensure your shutter speed is fast enough to prevent camera shake, or use a tripod.

SPECIFICATIONS

Feature	Detail
Product Dimensions	4.65 x 3.31 x 3.31 inches
Item Weight	1.39 pounds
ASIN	B09KHB76TP
Item model number	20105
Brand	Nikon
Focal Length Description	24mm Wide angle to 120mm Telephoto
Lens Type	Wide Angle
Compatible Mountings	Nikon Z
Camera Lens Description	24-120mm

WARRANTY AND SUPPORT

Warranty information for your NIKKOR Z 24-120mm f/4 S lens is typically provided with your purchase documentation. Please refer to the warranty card or included leaflets for specific terms and conditions.

For further support, technical assistance, or service inquiries, please visit the official Nikon support website or contact their customer service directly. You can find more information on the [Nikon Store on Amazon](#).