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> Nikon NIKKOR Z 70-200mm f/2.8 S Lens User Manual

Nikon 20091

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Model: 20091

1. INTRODUCTION

Thank you for choosing the Nikon NIKKOR Z 70-200mm f/2.8 S telephoto zoom lens. This manual provides essential information on the proper use, maintenance, and care of your lens. To ensure optimal performance and longevity, please read this manual thoroughly before using the lens and keep it accessible for future reference.

2. PRODUCT OVERVIEW

Key Features

- Professional large aperture telephoto zoom lens with a constant f/2.8 aperture.
- Optimized for Nikon Z series mirrorless cameras.
- Focuses as close as 0.5m (1.64 ft) at 70mm focal length.
- Utilizes a standard 77mm filter thread.
- Features customizable Function buttons and a control ring for enhanced versatility.
- Optical Zoom: 2.9x.

What's in the Box

- LC-77B 77mm Snap-on Front Lens Cap
- LF-N1 Rear Lens Cap
- HB-92 Bayonet Hood
- CL-C3 Lens Case

Lens Components





Figure 2.1: Front view of the Nikon NIKKOR Z 70-200mm f/2.8 S lens, showcasing the zoom and focus rings, and the display panel.



Figure 2.2: Side view of the Nikon NIKKOR Z 70-200mm f/2.8 S lens, illustrating the tripod collar and customizable L-Fn buttons.



Figure 2.3: The NIKKOR Z 70-200mm f/2.8 S lens mounted on a Nikon Z series mirrorless camera, ready for use.

3. SETUP

3.1 Attaching the Lens

1. Ensure the camera is turned off.
2. Remove the body cap from the camera and the rear lens cap from the lens.
3. Align the mounting mark on the lens with the mounting mark on the camera body.
4. Rotate the lens counter-clockwise until it clicks into place.

Note: Avoid touching the lens elements or the camera's image sensor during attachment.

3.2 Detaching the Lens

1. Ensure the camera is turned off.
2. While pressing the lens release button on the camera, rotate the lens clockwise until it detaches.
3. Attach the front and rear lens caps to the lens and the body cap to the camera.

3.3 Attaching the Lens Hood (HB-92)



Figure 3.1: The HB-92 Bayonet Lens Hood, designed to reduce flare and protect the front element.

Align the lens hood's mounting mark with the lens hood alignment mark on the lens. Rotate the hood until it clicks into place. The hood can be reversed and mounted on the lens for storage.

3.4 Attaching Lens Caps (LC-77B and LF-N1)



Figure 3.2: The NIKKOR front lens cap (LC-77B) for protecting the front element of the lens.

Always attach the front (LC-77B) and rear (LF-N1) lens caps when the lens is not in use to protect the optical elements from dust and scratches.

4. OPERATING INSTRUCTIONS

4.1 Focusing

This lens supports both autofocus (AF) and manual focus (MF). The focus mode is typically selected on the camera body.

- **Autofocus:** When the camera is set to AF, the lens will automatically focus on your subject.
- **Manual Focus:** When the camera is set to MF, rotate the focus ring on the lens to adjust focus manually.

4.2 Zooming

Rotate the zoom ring to change the focal length between 70mm and 200mm. The current focal length is indicated on the lens

barrel.

4.3 Control Ring

The control ring can be assigned various functions via the camera's custom settings menu, such as aperture control, exposure compensation, or ISO sensitivity. Refer to your camera's manual for detailed instructions on customizing the control ring.

4.4 Customizable Function Buttons (L-Fn)

The lens features two customizable L-Fn buttons. These buttons can be assigned various functions through your camera's custom settings, such as AF-ON, focus mode, or metering mode. Consult your camera's manual for customization options.

4.5 Vibration Reduction (VR)

This lens incorporates Nikon's Vibration Reduction technology to minimize blur caused by camera shake. VR is typically controlled via the camera's menu system. It is recommended to enable VR for handheld shooting, especially in low light or at slower shutter speeds. For tripod-mounted shooting, VR can generally be turned off, as it may sometimes introduce blur.

5. MAINTENANCE AND CARE

5.1 Cleaning the Lens

- **Lens Surfaces:** Use a blower brush to remove dust and loose particles. For smudges or fingerprints, use a clean, soft cotton cloth or lens tissue lightly dampened with lens cleaner. Wipe gently in a circular motion from the center outwards.
- **Lens Body:** Wipe with a soft, dry cloth. Do not use organic solvents like paint thinner or benzene.

Caution: Never use abrasive materials or harsh chemicals on lens surfaces.

5.2 Storage



Figure 5.1: The NIKKOR Z 70-200mm f/2.8 S lens stored in its included CL-C3 soft lens case.

When not in use, store the lens with both caps attached in its provided CL-C3 lens case or a dry, cool, well-ventilated area away from direct sunlight and extreme temperatures. Avoid storing with mothballs or camphor, as these can damage the lens.

5.3 Handling Precautions

- Do not leave the lens pointed at the sun or other strong light sources for extended periods, as this can cause damage to the camera's image sensor.
- Avoid sudden temperature changes, which can cause condensation. If moving from a cold to a warm environment, place the lens in a sealed plastic bag and allow it to acclimatize gradually.
- This lens is designed with dust and drip resistance; however, it is not waterproof. Avoid exposing it to heavy rain or submersion in water.

6. TROUBLESHOOTING

If you encounter issues with your lens, please refer to the following common troubleshooting steps. For more complex problems, consult your camera's manual or contact Nikon customer support.

- **Lens not recognized by camera:** Ensure the lens is securely attached to the camera body. Turn the camera off and on

again. Check for any firmware updates for both the camera and lens.

- **Autofocus not working:** Verify the camera is set to autofocus mode. Ensure there is sufficient light and contrast in your scene for the autofocus system to operate effectively. Clean the lens contacts on both the lens and camera.
- **Blurry images:** Check your shutter speed and aperture settings. Ensure Vibration Reduction (VR) is enabled for handheld shots if needed. Verify that the lens and camera are clean and free from smudges or dust.
- **Lens display not working:** Check camera settings related to lens display. Ensure the lens is properly mounted and the camera is powered on.

7. SPECIFICATIONS

Feature	Specification
Model Number	20091
Focal Length	70-200mm
Maximum Aperture	f/2.8
Lens Type	Telephoto Zoom
Compatible Mountings	Nikon Z
Filter Thread Size	77mm
Minimum Focus Distance	0.5m (at 70mm)
Dimensions (Diameter x Length)	8.66 x 3.5 x 3.5 inches (approx.)
Weight	3 pounds (approx.)
Manufacturer	Nikon

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Nikon product is covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Nikon website for your region. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, service, or further inquiries, please contact Nikon customer support. You can find contact information and frequently asked questions on the official Nikon website:

[Nikon USA Service and Support](#)

8.3 Protection Plans

Extended protection plans may be available for your lens. These plans can offer additional coverage beyond the standard manufacturer's warranty. For details on available protection plans, please consult your retailer or visit the relevant service provider's website.

- 3-Year Protection Plan: Available for purchase.
- Complete Protect: Monthly plan covering eligible purchases.

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