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› Tamron SP 70-200MM F2.8 DI VC USD Telephoto Zoom Lens for Nikon (Model A009N) - Instruction Manual

Tamron A009-NI

Tamron SP 70-200MM F2.8 DI VC USD Telephoto Zoom Lens

Model: A009-NI

INTRODUCTION

Thank you for purchasing the Tamron SP 70-200MM F2.8 DI VC USD Telephoto Zoom Lens. This high-performance lens is designed for Nikon cameras, offering a fast F/2.8 aperture throughout its zoom range, Vibration Compensation (VC) for stable handheld shooting, and an Ultrasonic Silent Drive (USD) for quiet and precise autofocus. This manual provides essential information for the proper use, care, and maintenance of your new lens.





Figure 1: Tamron SP 70-200mm F2.8 DI VC USD Telephoto Zoom Lens (Model A009N).

This image displays the Tamron SP 70-200mm F2.8 DI VC USD lens, showcasing its sleek black barrel, gold accent ring, and the integrated tripod collar. The lens features a robust build, designed for professional use.

PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts of your Tamron SP 70-200MM F2.8 DI VC USD lens to ensure proper handling and operation.



Figure 2: Upper view of the lens with labeled components.

This diagram highlights key components of the lens: the zooming ring, focus ring, distance scale, hood attaching index mark, focal length scale, zoom index mark, distance index, and tripod mount index. Understanding these parts is crucial for effective use.

- **Zooming Ring:** Used to adjust the focal length between 70mm and 200mm.
- **Focus Ring:** Used for manual focusing.
- **Distance Scale:** Indicates the current focus distance.
- **Hood Attaching Index Mark:** Alignment point for attaching the lens hood.
- **Focal Length Scale:** Shows the selected focal length.
- **Zoom Index Mark:** Indicates the current zoom setting.
- **Distance Index:** Reference point for the distance scale.
- **Tripod Mount Index:** Alignment point for attaching the lens to a tripod collar.
- **VC (Vibration Compensation) Switch:** Activates or deactivates the image stabilization system.
- **AF/MF (Autofocus/Manual Focus) Switch:** Toggles between autofocus and manual focus modes.

SETUP

Attaching the Lens to Your Camera

1. Ensure both the camera and the lens are clean and free of dust.
2. Align the mounting index mark on the lens barrel with the corresponding mark on your camera's lens mount.
3. Gently insert the lens into the camera mount.
4. Rotate the lens clockwise (for Nikon F-mount) until it clicks into place, indicating it is securely locked.
5. Remove the front lens cap and rear dust cap.

Attaching the Lens Hood

The included lens hood helps to prevent stray light from entering the lens, reducing flare and ghosting.

1. Align the lens hood's attachment mark with the hood attaching index mark on the front of the lens.
2. Twist the hood clockwise until it locks securely into position.
3. To store, reverse the hood and attach it to the lens in the same manner.

OPERATING THE LENS

Autofocus (AF) and Manual Focus (MF)

- To use autofocus, set the AF/MF switch on the lens to "AF". The Ultrasonic Silent Drive (USD) motor provides fast and quiet focusing.
- For manual focus, set the AF/MF switch to "MF" and rotate the focus ring to achieve desired sharpness.

Zooming

Rotate the zooming ring to change the focal length between 70mm and 200mm. The focal length scale and zoom index mark will indicate the current setting.

Vibration Compensation (VC)

The VC mechanism helps to reduce camera shake, allowing for sharper images, especially in low light or at longer focal lengths.

- To activate VC, set the VC switch on the lens to "ON".
- To deactivate VC, set the VC switch to "OFF". It is recommended to turn VC off when using a tripod to avoid potential interference.

MAINTENANCE AND CARE

- **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 and Moisture:** The lens features moisture-resistant construction, but it is not waterproof. Avoid exposing the lens to excessive dust, dirt, or moisture. Always use lens caps when not in use.
- **Storage:** Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, consider using a dehumidifying cabinet.
- **Handling:** Avoid dropping or subjecting the lens to strong impacts. Always hold the lens by its barrel, not by the lens hood or caps.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Autofocus not working	AF/MF switch set to MF; lens not securely mounted; camera settings.	Set AF/MF switch to AF. Re-attach lens securely. Check camera's focus mode settings.
Images are blurry/unsharp	VC off; insufficient light; camera shake; incorrect focus.	Ensure VC is ON (if not on tripod). Use higher shutter speed or tripod. Re-focus carefully.
Lens not recognized by camera	Improper mounting; dirty contacts.	Remove and re-attach lens. Clean lens and camera contacts with a clean, dry cloth.

SPECIFICATIONS

Feature	Detail
Model Number	A009-NI

Feature	Detail
Focal Length	70-200mm
Maximum Aperture	F/2.8
Lens Type	Telephoto Zoom
Compatible Mountings	Nikon F
Image Stabilization	Vibration Compensation (VC)
Autofocus Motor	Ultrasonic Silent Drive (USD)
Product Dimensions	3.38 x 3.38 x 7.74 inches
Item Weight	3.23 pounds
Date First Available	November 22, 2012
Manufacturer	Tamron

WARRANTY AND SUPPORT

Please note that this product is an "International Version" and, as stated in the product title, it typically comes with **No Warranty** from the manufacturer in certain regions. Any warranty offered would be from the specific seller at the time of purchase, and its terms should be verified directly with them.

For technical support, service, or further inquiries regarding your Tamron lens, please refer to the official Tamron website or contact their customer service department in your region.

Tamron Official Website: www.tamron.com

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