

Tamron AFA057Z700

Tamron 150-500mm F/5-6.7 Di III VC VXD Lens Instruction Manual

For Nikon Z Mount Mirrorless Cameras (Model: AFA057Z700)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Tamron 150-500mm F/5-6.7 Di III VC VXD telephoto zoom lens. Please read this manual thoroughly before using the product to ensure proper operation and to maximize its performance. Keep this manual in a safe place for future reference.

2. PRODUCT OVERVIEW

The Tamron 150-500mm F/5-6.7 Di III VC VXD is a compact ultra-telephoto zoom lens designed for Nikon Z Mount mirrorless cameras. It features a versatile zoom range, high-speed autofocus, and Tamron's Vibration Compensation (VC) image stabilization.

Key Features:

- Ultra-telephoto 150-500mm zoom range.
- High-speed, high-precision VXD (Voice-coil eXtreme-torque Drive) linear motor autofocus mechanism.
- VC (Vibration Compensation) image stabilization for steady shooting.
- Compact design for enhanced portability.
- Uncompromising image quality throughout the entire zoom range.

What's in the Box:

- Tamron 150-500mm F/5-6.7 Di III VC VXD Lens
- Front Lens Cap
- Rear Lens Cap
- Lens Hood



Front-side view of the Tamron 150-500mm lens with its tripod collar.



Side view of the lens, highlighting the various control switches.



Rear view of the lens, displaying the Nikon Z mount.

3. SETUP

Attaching the Lens:

1. Ensure both the camera and lens are powered off.
2. Align the mounting index marks on the lens and camera body.
3. Rotate the lens clockwise until it clicks into place, indicating it is securely locked.

Attaching the Lens Hood:

Align the lens hood with the front of the lens and rotate it until it locks into position. The lens hood helps to prevent stray light from entering the lens and causing flare or ghosting.

Using the Tripod Collar:

The lens is equipped with a tripod collar for stable mounting on a tripod or monopod. Loosen the locking knob on the collar to rotate the lens for horizontal or vertical shooting, then tighten the knob to secure its position.

4. OPERATING INSTRUCTIONS

Zooming:

Rotate the zoom ring to adjust the focal length between 150mm and 500mm. The lens barrel extends as you zoom towards 500mm.

Focus Mode Switch (AF/MF):

- **AF (Autofocus):** For automatic focusing. The camera will control the lens focus.
- **MF (Manual Focus):** For manual focusing. Rotate the focus ring to adjust focus manually.

Focus Limiter Switch:

This switch allows you to limit the autofocus range, which can improve autofocus speed in certain situations.

- **FULL:** Allows autofocus across the entire focus range (Minimum Object Distance to Infinity).
- **10m-∞:** Limits autofocus to subjects 10 meters (approximately 32.8 feet) and further. Useful for distant subjects.
- **MOD-10m:** Limits autofocus to subjects between the Minimum Object Distance (MOD) and 10 meters. Useful for closer subjects.

Vibration Compensation (VC) Switch:

The VC mechanism helps reduce blur caused by camera shake.

- **ON:** Activates the Vibration Compensation. Recommended for handheld shooting.
- **OFF:** Deactivates the Vibration Compensation. Recommended when using a tripod or when the camera's own stabilization is preferred.

Zoom Lock Mechanism:

The lens features a zoom lock switch to prevent the lens barrel from extending unintentionally during transport or when pointed downwards. Engage the lock at the 150mm position to secure the lens.

Custom Switch:

The lens includes a custom switch with 'NON-LINEAR' and 'LINEAR' settings. Refer to your camera's manual or Tamron's official resources for detailed information on how these settings affect lens behavior and customization options.

5. MAINTENANCE

Cleaning the Lens:

- Use a soft, clean microfiber cloth to gently wipe dust and smudges from the lens elements.
- For stubborn marks, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
- Use a blower brush to remove dust from the lens surface and body.
- Avoid touching the lens elements with bare hands.

Storage:

- Store the lens in a cool, dry place away from direct sunlight and high humidity.
- Attach the front and rear lens caps when not in use to protect the lens elements.

- If storing for extended periods, consider using a desiccant to prevent mold growth.

6. TROUBLESHOOTING

Lens Not Focusing:

- Ensure the focus mode switch is set to **AF** for autofocus or **MF** for manual control.
- Check the focus limiter switch setting. If set to a limited range, the lens may not focus on subjects outside that range.
- Verify that the lens is securely attached to the camera body.
- Clean the electrical contacts on both the lens and camera body with a clean, dry cloth.

Image Blur:

- Ensure the VC (Vibration Compensation) switch is **ON** for handheld shooting, especially at longer focal lengths.
- Check shutter speed. Use a faster shutter speed to minimize motion blur, particularly with telephoto lenses.
- Confirm proper focus.

Lens Barrel Does Not Extend/Retract Smoothly:

- Ensure the zoom lock switch is disengaged.
- Avoid applying excessive force. If the issue persists, contact customer support.

7. SPECIFICATIONS

Brand	Tamron
Model Number	AFA057Z700
Focal Length	150-500mm (Ultra-Telephoto Zoom)
Maximum Aperture	F/5-6.7
Lens Type	Telephoto
Compatible Mountings	Nikon Z
Product Dimensions	8.4 x 3.66 x 3.66 inches
Item Weight	4.14 pounds
Image Stabilization	VC (Vibration Compensation)
Autofocus Motor	VXD (Voice-coil eXtreme-torque Drive)

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your lens or visit the official Tamron website. If you encounter any issues not covered in this manual or require further assistance, please contact Tamron customer support.

Official Tamron Website: www.tamron-usa.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question