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> Tamron A057 150-500mm F/5-6.7 Di III VC VXD Lens for Sony E-Mount Instruction Manual

Tamron A057

Tamron A057 150-500mm F/5-6.7 Di III VC VXD Lens for Sony E-Mount Instruction Manual

Model: A057

INTRODUCTION

This instruction manual provides essential information for the proper use and care of your Tamron A057 150-500mm F/5-6.7 Di III VC VXD ultra-telephoto zoom lens. Designed for Sony E-Mount mirrorless full-frame cameras, this lens offers a versatile focal range for capturing distant subjects with high image quality.



The Tamron A057 150-500mm F/5-6.7 Di III VC VXD lens, shown mounted on a compatible Sony E-Mount camera body. This image highlights the lens's overall design and its integration with the camera system.

SETUP

1. Attaching the Lens

1. Align the mounting index on the lens barrel with the mounting index on your Sony E-Mount camera body.
2. Rotate the lens clockwise until it clicks into place, indicating a secure attachment.

2. Attaching the Lens Hood

The included lens hood helps to prevent stray light from entering the lens, reducing flare and ghosting. Align the hood with the front of the lens and twist until it locks securely.

3. Using the Tripod Collar

The lens comes with a removable tripod collar, which features an Arca-Swiss compatible mounting plate. This allows for direct attachment to Arca-Swiss compatible tripod heads without requiring an additional plate, providing better balance and stability, especially for long exposures or when using the lens for extended periods.



The Tamron A057 lens securely mounted on a tripod using its integrated tripod collar. This setup ensures stability for sharp images, particularly at longer focal lengths.

OPERATING THE LENS

1. Zoom Ring and Zoom Lock

The zoom ring allows you to adjust the focal length from 150mm to 500mm. The lens features a convenient zoom lock mechanism. By slightly pushing out the zoom ring, it locks at any desired focal length, preventing accidental changes during transport or shooting. This is particularly useful when maintaining a specific composition.



A detailed view of the lens barrel, showing the zoom ring with focal length markings (150, 200, 250, 300, 400, 500mm) and the various control switches for focus and vibration compensation.

2. Focus Modes (AF/MF)

The lens includes a switch to select between Autofocus (AF) and Manual Focus (MF) modes. Choose AF for automatic focusing, or MF for precise manual control over your focus.

3. Focus Limiter

A focus limiter switch is provided to restrict the autofocus range, which can improve focusing speed and accuracy when shooting subjects within a known distance range. Options typically include FULL (entire range), 3m- ∞ (3 meters to infinity), and ∞ -15m (infinity to 15 meters).

4. VC (Vibration Compensation) Modes

The built-in Vibration Compensation (VC) system helps to reduce camera shake, allowing for sharper images when shooting handheld, especially at longer focal lengths or slower shutter speeds. The lens offers multiple VC modes (e.g., Mode 1, Mode 2, Mode 3) optimized for different shooting scenarios, such as general shooting, panning, or prioritizing stabilization during exposure.

5. Close-Up Capabilities

While not a dedicated macro lens, the Tamron A057 offers decent close-up capabilities, allowing you to capture subjects at a minimum focusing distance of 0.6 meters at 150mm. This enables some tight close-up shots, but it does not replace the specialized performance of a true macro lens.

MAINTENANCE

To ensure the longevity and optimal performance of your Tamron A057 lens, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe dust and smudges from the lens surfaces. For stubborn marks, use a lens cleaning solution specifically designed for optical elements. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the lens in a cool, dry place away from direct sunlight and extreme temperatures. Use the front and back lens caps to protect the glass elements when not in use.
- **Weather Sealing:** The lens features weather-sealed construction, providing protection against dust and

moisture. While this enhances durability in challenging environments, it is not waterproof. Avoid prolonged exposure to heavy rain or submersion in water.



An illustrative diagram showcasing the weather-sealed points within the lens construction, designed to protect against dust and moisture ingress.

TROUBLESHOOTING

If you encounter any issues with your lens, consider the following basic troubleshooting steps:

- **Focusing Issues:** Ensure the AF/MF switch is set correctly. Check the focus limiter setting to ensure it's appropriate for your subject distance. Clean the lens contacts on both the lens and camera body.
- **Image Stabilization:** Verify that the VC switch is set to 'ON' and select the appropriate VC mode for your shooting conditions.
- **Lens Not Recognized:** Re-attach the lens, ensuring it clicks securely into place. Check for any firmware updates for both your camera and lens.

For persistent problems, please refer to the official Tamron support resources or contact customer service.

SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	A057
Focal Length	150-500mm
Maximum Aperture	F/5-6.7
Lens Type	Ultra-Telephoto Zoom
Compatible Mountings	Sony E
Image Stabilization	VC (Vibration Compensation)
Autofocus Motor	VXD (Voice-coil eXtreme-torque Drive)
Product Dimensions	0.79 x 32.28 x 32.28 inches
Item Weight	3.8 pounds
Filter Size	82mm
Weather Sealed	Yes
Batteries Required	1 Lithium Ion (for camera body, not lens)

WHAT'S IN THE BOX

Upon opening your Tamron A057 lens package, you should find the following items:

- Tamron A057 150-500mm F/5-6.7 Di III VC VXD Lens
- Front Lens Cap
- Rear Lens Cap
- Lens Hood
- Tripod Collar (with Arca-Swiss compatible plate)

WARRANTY AND SUPPORT

For detailed warranty information, product registration, and technical support, please refer to the official Tamron website or the warranty card included with your product. Tamron provides customer support to assist with any inquiries or service needs.

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

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