

VILTROX AF 35mm F1.7 E

VILTROX AF 35mm F1.7 E Mount Lens Instruction Manual

Model: AF 35mm F1.7 E

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your VILTROX AF 35mm F1.7 E Mount Lens. Please read it thoroughly before using the product and retain it for future reference.

2. PRODUCT OVERVIEW

2.1. Key Features

- **Bright f/1.7 Aperture:** Features a large maximum aperture of f/1.7, enabling exceptional low-light performance and pronounced background blur (bokeh). Suitable for portraits, street photography, and creative compositions.
- **53mm Equivalent Focal Length:** Captures sharp, vivid images with a natural perspective, ideal for various photography styles from landscapes to portraits.
- **Optimized Optical Design:** Comprises 11 elements in 9 groups, including 2 High Refractive (HR) elements, 1 Extra-low Dispersion (ED) element, and 1 Aspherical (ASPH) element. This configuration minimizes chromatic aberrations, distortion, and flare for high image quality.
- **Compact & Lightweight:** Weighing only 170g, this lens is designed for portability and ease of use, featuring a durable metal body.
- **Fast Autofocus and Low Focus Breathing:** Equipped with an STM motor for fast, precise, and quiet autofocus. Minimizes focus breathing for smooth video recording.
- **Thoughtful Design:** Includes an extended lens hood for protection against stray light and improved image contrast. Features a USB-C upgrade port for firmware updates.

2.2. What's in the Box

- Lens
- Lens Caps (Front and Rear)
- Lens Hood
- Lens Pouch



Image: The VILTROX AF 35mm F1.7 E Mount Lens, lens caps, lens hood, lens pouch, and documentation laid out on a surface.

3. SETUP

3.1. Attaching the Lens

1. Ensure your camera is powered off.
2. Remove the rear lens cap from the VILTROX lens and the body cap from your camera.
3. Align the white index mark on the lens barrel with the corresponding white index mark on your camera's lens mount.
4. Insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Attach the front lens cap and lens hood when not in use.



Image: The VILTROX AF 35mm F1.7 E Mount Lens positioned next to a Sony E-mount camera body, ready for attachment.



Image: The VILTROX AF 35mm F1.7 E Mount Lens securely attached to a Sony E-mount camera body.

3.2. Removing the Lens

1. Ensure your camera is powered off.
2. Press and hold the lens release button on your camera body.
3. Rotate the lens counter-clockwise until it detaches from the camera body.
4. Immediately attach the rear lens cap to the lens and the body cap to the camera to protect the sensors and lens elements from dust.

4. OPERATION

4.1. Autofocus (AF)

The VILTROX AF 35mm F1.7 E lens supports autofocus. Ensure your camera's focus mode is set to AF. The STM motor provides fast and quiet focusing. For optimal performance, refer to your camera's instruction manual for specific autofocus settings.



Video: A demonstration of the VILTROX AF 35mm F1.7 E lens being mounted on a camera and used for photography, highlighting its compact size and autofocus capabilities.

4.2. Manual Focus (MF)

To use manual focus, set your camera's focus mode to MF. Rotate the focus ring on the lens to adjust focus. Your camera's focus peaking or magnification assist features can aid in achieving precise manual focus.

4.3. Aperture Control

The lens features a bright f/1.7 maximum aperture. Aperture can be controlled via your camera body. Consult your camera's manual for instructions on adjusting aperture settings.



Image: Front view of the VILTROX AF 35mm F1.7 E Mount Lens with its lens hood attached, showing the VILTROX branding and lens specifications.



Image: Front view of the VILTROX AF 35mm F1.7 E Mount Lens without the lens hood, displaying the front element and lens markings.

5. MAINTENANCE

5.1. Cleaning the Lens

- Use a blower brush to remove dust and loose particles from the lens surface.
- For smudges or fingerprints, apply a small amount of lens cleaning solution to a clean microfiber cloth and gently wipe the lens in a circular motion from the center outwards.
- Do not use abrasive materials or harsh chemicals.

5.2. Storage

- Always attach the front and rear lens caps when the lens is not in use.

- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, consider using a dehumidifying agent to prevent mold growth.

5.3. Firmware Updates

The lens features a USB-C port for firmware updates. Visit the official VILTROX website for the latest firmware and instructions on how to update your lens.

6. TROUBLESHOOTING

6.1. Lens Not Attaching Securely

Ensure the lens is correctly aligned with the camera's mount index mark and rotated until it clicks. Verify that no obstructions are present on either the lens mount or camera mount.

6.2. Autofocus Issues

- Check that the camera's focus mode is set to AF.
- Ensure there is sufficient light for the autofocus system to operate effectively.
- Clean the lens contacts on both the lens and camera body.
- Update the lens firmware to the latest version.

6.3. Image Quality Concerns

- Ensure the lens elements are clean and free from dust or smudges.
- Check camera settings such as ISO, shutter speed, and aperture for appropriate exposure.
- Verify that the lens is securely mounted to the camera.

7. SPECIFICATIONS

Brand	VILTROX
Model Number	AF 35mm F1.7 E
Focal Length	35mm (Fixed)
Maximum Aperture	f/1.7
Lens Type	Standard Prime Lens
Compatible Mountings	Sony E
Optical Design	11 elements in 9 groups (2 HR, 1 ED, 1 ASPH)
Autofocus Motor	STM
Item Weight	6 ounces (approx. 170g)
Product Dimensions	3 x 2.5 x 2.5 inches
Firmware Update Port	USB-C





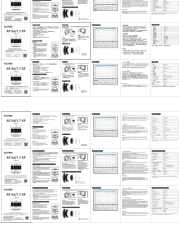
8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official VILTROX website. You can also contact VILTROX customer service through their official channels for assistance.

Manufacturer: Shenzhen Jueying Technology Co., Ltd.

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Related Documents - AF 35mm F1.7 E

	<p>Viltrox 20mm F2.8 AF STM Lens for Sony E-Mount: User Manual and Specifications</p> <p>Comprehensive guide to the Viltrox 20mm F2.8 AF STM lens for Sony E-mount cameras, covering features, specifications, optical performance, and usage instructions.</p>
	<p>Viltrox AF 9mm f/2.8 E-Mount Lens - User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the Viltrox AF 9mm f/2.8 E lens, designed for E-mount cameras. Covers features, installation, safety precautions, cleaning, and detailed performance data.</p>
	<p>Viltrox AF 135/1.8 LAB FE E-mount Lens - User Manual</p> <p>User manual for the Viltrox AF 135/1.8 LAB FE E-mount lens, detailing features, specifications, usage instructions, and safety notes.</p>
	<p>Viltrox AF 23mm f/1.4 XF and Z Mount Camera Lens Specifications</p> <p>Comprehensive technical specifications, features, and performance data for the Viltrox AF 23mm f/1.4 camera lenses designed for Fujifilm X and Nikon Z mounts, including MTF charts and optical design details.</p>
	<p>Viltrox AF 56/1.7 XF Lens for Fujifilm X-Mount - Features, Specifications, and Guide</p> <p>Detailed information on the Viltrox AF 56/1.7 XF prime lens for Fujifilm X-Mount cameras. Discover its features, optical design, specifications, MTF charts, and usage instructions for professional photography.</p>



[Viltrox AF 33mm f/1.4 Camera Lens User Manual and Specifications](#)

Comprehensive user guide and technical specifications for the Viltrox AF 33mm f/1.4 prime lens, covering Fujifilm X, Sony E, and Nikon Z mounts. Includes optical performance data and lens feature descriptions.