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> [Viltrox AF 28mm f4.5 FE Pancake Lens Instruction Manual for Sony E Mount Cameras](#)

## VILTROX AF 28mmF4.5

# Viltrox AF 28mm f4.5 FE Pancake Lens Instruction Manual

Model: AF 28mmF4.5

Brand: VILTROX

## INTRODUCTION

The Viltrox AF 28mm f4.5 FE Pancake Lens is an ultra-thin, full-frame, and lightweight prime lens designed for Sony E-mount cameras. This manual provides essential information for the proper setup, operation, and maintenance of your lens, ensuring optimal performance and longevity.

## KEY FEATURES

- **Ultra-Light and Slim Design:** Weighing approximately 60g and measuring 15.3mm in thickness, this lens offers exceptional portability.
- **Fast and Precise Autofocus:** Equipped with an efficient autofocus system for quick and accurate subject tracking.
- **Full-Frame Camera Compatibility:** Designed to deliver high-quality images on full-frame Sony E-mount cameras.
- **Innovative Slide Cap Protection:** Features a unique integrated slide cap for convenient front element protection.
- **Exceptional Image Quality:** Optical design includes 6 elements in 6 groups, with 2 ED (Extra-low Dispersion) and 2 aspherical lenses for sharp, vibrant images.

## WHAT'S IN THE BOX

- 1x Viltrox AF 28mm f/4.5 FE Lens (Sony E)
- 1x Lens cap (integrated)
- 1x User manual & card

## SETUP

### Mounting the Lens

1. Ensure your camera is powered off before attaching or detaching the lens.
2. Align the white index mark on the lens barrel with the corresponding white index mark on your camera's lens mount.
3. Rotate the lens clockwise until it clicks into place, indicating it is securely locked.



Image: The Viltrox AF 28mm f4.5 FE Pancake Lens securely mounted on a Sony E-mount camera body.

## Firmware Updates

The lens features a USB-C port for firmware updates. Periodically check the Viltrox official website for the latest firmware to ensure optimal performance and compatibility with new camera models.



**VILTROX**  
AF 28mm F4.5 FE



28mm f/4.5 1/640s ISO2000  
2024.09.27

Image: A detailed view of the lens mount, highlighting the USB-C port for firmware updates.

## OPERATING THE LENS

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### Autofocus Functionality

The Viltrox AF 28mm f4.5 FE lens supports fast and precise autofocus. Ensure your camera's autofocus mode is set appropriately for your shooting conditions. The lens is designed for seamless operation without complex setup.

*Video: An official product video demonstrating the Viltrox AF 28mm f4.5 FE Pancake Lens in use, highlighting its compact size and autofocus capabilities.*

### Fixed Aperture (f/4.5)

This lens features a fixed aperture of f/4.5. This means the aperture cannot be adjusted. You will need to control exposure using your camera's ISO and shutter speed settings.

### Innovative Slide Cap

The lens is equipped with an integrated slide cap for protecting the front element. To open the cap, slide the lever on the front of the lens. To close it, slide the lever back. This design helps prevent dust and dirt intrusion and eliminates the risk of losing a separate lens cap.



*Image: An illustration demonstrating the operation of the slide lever to open and close the integrated lens cap.*

## MAINTENANCE

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### Cleaning the Lens

- Use a soft, lint-free cloth or a lens brush to gently remove dust from the lens surfaces.
- For stubborn smudges or fingerprints, apply a small amount of lens cleaning solution to a microfiber cloth and wipe gently in a circular motion.
- Avoid touching the lens elements directly with your fingers.

### Storage

When not in use, always close the integrated slide cap to protect the front element. Store the lens in a dry, cool place, away from direct sunlight and extreme temperatures. Using a lens pouch can provide additional protection.

## TROUBLESHOOTING

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### Autofocus Issues

- **Lens Not Focusing:** Ensure the lens is securely mounted to the camera body. Check that the camera's autofocus mode is enabled and set correctly for your shooting scenario.
- **Inconsistent Focus:** Clean the electronic contacts on both the lens and the camera body with a clean, dry cloth. Dust or debris on these contacts can interfere with communication.
- **Firmware:** Verify that both your camera and lens have the latest firmware installed. Outdated firmware can sometimes cause compatibility or performance issues.

## Image Quality Concerns

- **Soft Images:** Ensure proper focus. In low light, use a tripod or increase ISO to maintain a sufficiently fast shutter speed to prevent camera shake.
- **Vignetting or Aberrations:** While the lens is designed to minimize these, some optical characteristics may be present. Most modern cameras and editing software can correct these automatically or manually.

## SPECIFICATIONS

Feature	Specification
Product Dimensions	0.6 x 2.4 x 2.4 inches
Item Weight	6.4 ounces
ASIN	B0DP8KT685
Item Model Number	AF 28mmF4.5
Brand	VILTROX
Focal Length Description	28mm
Lens Type	Wide Angle
Compatible Mountings	Sony FE
Camera Lens Description	28mm f4.5 Sony FE
Manufacturer	VILTROX
Date First Available	November 29, 2024

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official VILTROX website. You can also find additional resources and contact information on the [VILTROX Store on Amazon](#).