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› VILTROX AF 15mm F1.7 XF Lens for Fujifilm User Manual

VILTROX AF 15/1.7 X

VILTROX AF 15mm F1.7 XF Lens for Fujifilm User Manual

Model: AF 15/1.7 X

INTRODUCTION

Thank you for choosing the VILTROX AF 15mm F1.7 XF lens. This ultra-wide-angle prime lens is designed for Fujifilm X-mount mirrorless cameras, offering a bright f/1.7 aperture for excellent low-light performance and creative depth of field. Its compact and lightweight design makes it ideal for various photography styles, including landscapes, street photography, and vlogging. This manual provides essential information for the proper setup, operation, and maintenance of your new lens.

PRODUCT FEATURES

- **Bright f/1.7 Aperture:** Enables exceptional low-light performance and produces beautiful background blur (bokeh).
- **Ultra-Wide 22.5mm Equivalent Focal Length:** Delivers a broad 84.9° field of view, suitable for expansive landscapes and dynamic vlogging.
- **Advanced Optical Design:** Features 12 elements in 10 groups, including 3 High Refractive (HR), 3 Extra-low Dispersion (ED), and 2 Aspherical (ASPH) elements to minimize chromatic aberrations, distortion, and flare.
- **Compact & Lightweight:** Weighing only 180g, this lens is highly portable for photographers on the go.
- **0.23m Minimum Focusing Distance:** Allows for detailed close-up shots.
- **Integrated USB-C Port:** Facilitates easy firmware updates for optimal performance.

WHAT'S IN THE BOX

- VILTROX AF 15mm F1.7 XF Lens
- Lotus-shaped Lens Hood (PL-124A)
- Front Lens Cap
- Rear Lens Cap
- Lens Pouch



Figure 1: Package Contents

SETUP

Attaching the Lens

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the VILTROX 15mm F1.7 XF lens and the body cap from your Fujifilm X-mount camera.
3. Align the white dot on the lens barrel with the white dot on your camera's lens mount.
4. Gently insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Attach the lotus-shaped lens hood by aligning its mark with the mark on the front of the lens and twisting until it locks.



Figure 2: Lens mounted on a Fujifilm camera

Firmware Updates

The lens features a USB-C port for firmware updates. To update the firmware:

1. Visit the official VILTROX website to download the latest firmware for your lens model.
2. Connect the lens to your computer using a USB-C cable.
3. Follow the instructions provided with the firmware download to complete the update process.



Figure 3: USB-C port for firmware updates

OPERATING THE LENS

Autofocus and Manual Focus

This lens supports both autofocus (AF) and manual focus (MF). The focus mode is typically controlled via your camera body settings. When in manual focus mode, rotate the focus ring on the lens to adjust focus.

Aperture Control

The f/1.7 maximum aperture allows for significant light gathering and shallow depth of field. Aperture settings are controlled through your camera's exposure modes (e.g., Aperture Priority, Manual mode).

Using the Lens Hood

The included lotus-shaped lens hood helps to block stray light, reducing lens flare and ghosting, and provides physical protection for the front element of the lens.

Photography Tips

- **Wide-Angle Perspective:** Utilize the 15mm focal length for dramatic landscapes, architectural shots, and immersive street photography.
- **Low-Light Performance:** The f/1.7 aperture excels in dim conditions, allowing for faster shutter speeds and lower ISO settings.
- **Close-Up Shots:** With a minimum focusing distance of 0.23m, you can capture detailed close-ups with pleasing background blur.
- **Vlogging:** The wide field of view is ideal for vlogging, ensuring you and your surroundings are captured effectively.

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Video 1: Demonstrating the VILTROX AF 15mm F1.7 Air lens for vlogging, highlighting its wide-angle perspective and ease of use.

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Video 2: Showcasing the VILTROX AF 15mm F1.7 Air lens's capability for capturing close-up shots of animals and nature.

MAINTENANCE

Cleaning the Lens

To maintain optimal image quality, keep your lens clean. Use a soft, lint-free microfiber cloth specifically designed for optics. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens surface. Avoid touching the glass elements with your fingers.

Storage

When not in use, store the lens with both front and rear caps attached in the provided lens pouch or a dry, dust-free environment. Avoid extreme temperatures and high humidity.

TROUBLESHOOTING

- **Lens not recognized by camera:** Ensure the lens is securely mounted and the camera's firmware is up to date. Clean the electronic contacts on both the lens and camera body.
- **Autofocus issues:** Check that the camera is set to autofocus mode. Ensure there is sufficient light and contrast in your subject. If issues persist, try updating the lens firmware.
- **Image quality concerns (e.g., soft images, excessive vignetting):** Verify that the lens is clean and free from smudges. Ensure proper focus. Some vignetting may be present at the widest aperture (f/1.7) but typically improves when stopped down.

SPECIFICATIONS

Feature	Specification
Brand	VILTROX
Model Name	AF 15/1.7 X for Fuji
Focal Length	15mm (22.5mm equivalent on APS-C)
Maximum Aperture	f/1.7
Minimum Aperture	f/16
Lens Mount	Fujifilm X
Lens Design	12 elements in 10 groups (3 HR, 3 ED, 2 ASPH)
Angle of View	84.9 Degrees
Minimum Focusing Distance	0.23 meters (23cm)
Focus Type	Auto/Manual
Filter Size	58mm
Image Stabilization	No image stabilization

Feature	Specification
Weight	180g (approx.)
Water Resistance Level	Not Water Resistant



Figure 4: Optical Structure Diagram

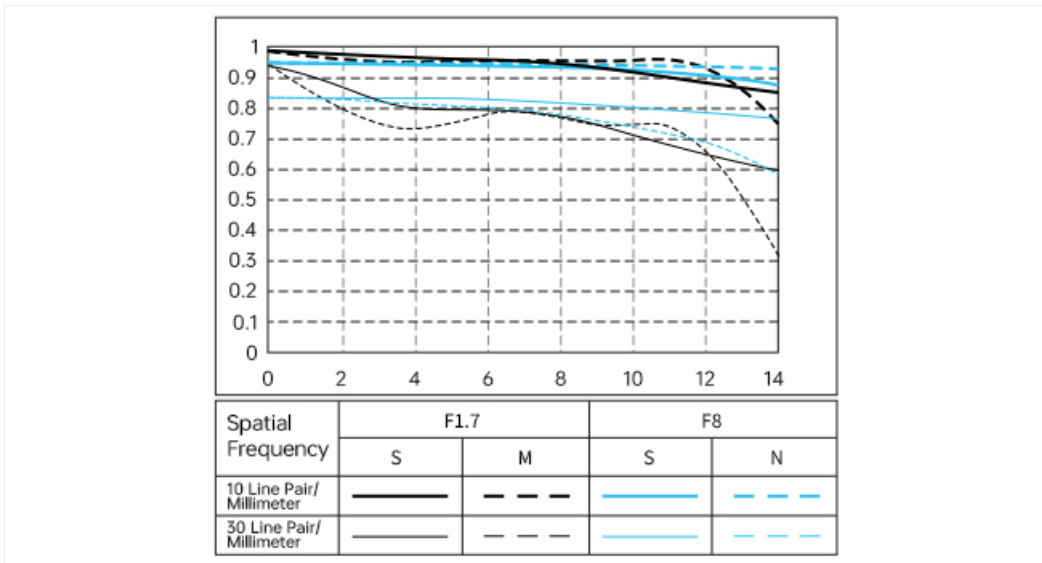


Figure 5: MTF Chart

WARRANTY

This VILTROX lens comes with a **3-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the warranty card included in your package or visit the official VILTROX website.

SUPPORT

For further assistance, technical support, or service inquiries, please contact VILTROX customer support through their official website or the contact information provided in your product documentation. You can also find additional resources, FAQs, and firmware updates on the VILTROX Official Store page on Amazon.

