

## 7artisans 25mm F1.8 for Fuji

# 7artisans 25mm F1.8 APS-C Manual Focus Fixed Lens Instruction Manual

Model: 25mm F1.8 for Fuji | Brand: 7artisans

## 1. PRODUCT OVERVIEW

The 7artisans 25mm F1.8 APS-C Manual Focus Fixed Lens is a compact and lightweight prime lens designed for Fujifilm X-mount cameras. It features a bright F1.8 maximum aperture, making it suitable for low-light photography and creating images with shallow depth of field. The lens construction includes 7 elements in 5 groups, ensuring optical quality. Its all-aluminum body and copper core contribute to its durability and portability.

### Key Features:

- **Optical Design:** 7 elements in 5 groups.
- **Aperture Range:** F/1.8 to F16, with 12 diaphragm blades for smooth bokeh.
- **Construction:** Durable aluminum body with a copper core.
- **Compact Size:** Lightweight at approximately 143g (0.31oz).
- **Compatibility:** Specifically designed for Fujifilm APS-C X-mount cameras. Not suitable for full-frame cameras unless used in APS-C mode.

## 2. PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all items are present:

- 7artisans 25mm F1.8 APS-C Manual Focus Fixed Lens
- Front Lens Cap
- Rear Lens Cap
- User Manual (this document)

## 3. PARTS IDENTIFICATION

Familiarize yourself with the different parts of your 7artisans 25mm F1.8 lens:



**Figure 3.1:** Side view of the 7artisans 25mm F1.8 lens, highlighting the focus ring (top) and aperture ring (bottom) with their respective markings for distance (feet/meters) and f-stops (F1.8 to F16).



**Figure 3.2:** Front view of the 7artisans 25mm F1.8 lens, showing the front element, filter thread ( $\Phi 46$ ), and lens markings including '7artisans', '1:1.8/25mm', and 'HD.MC'.

## 4. SETUP

### 4.1 Mounting the Lens

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the 7artisans 25mm F1.8 lens and the body cap from your camera.
3. Align the red dot on the lens with the corresponding red 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. Replace the front lens cap when not in use to protect the front element.

### Compact Functional lens

Seven craftsmen 25mm/f1.8 features a **7**-element, **five**-group design. It has a maximum relative aperture of F/1.8 to F/16 through its range. The minimum focal length is 0.18m with the length of 32mm and the diameter of 51mm.

Comparison of different focal lengths in the same position



25mm focal length

35mm focal length



Figure 4.1: The 7artisans 25mm F1.8 lens correctly mounted on a Fujifilm X-mount camera body.

### 4.2 Full-Frame Camera Usage

This lens is designed for APS-C sensors. If you are using a full-frame camera, it is essential to change your camera's settings to APS-C mode (also known as crop mode) to avoid vignetting and ensure optimal image quality. Refer to your camera's instruction manual for specific steps on how to activate APS-C mode.

## 5. OPERATING INSTRUCTIONS

The 7artisans 25mm F1.8 is a fully manual lens, requiring manual adjustment of both focus and aperture.

### 5.1 Manual Focus

- To adjust focus, rotate the focus ring (the ring closer to the camera body) until your subject appears sharp in the viewfinder or on the LCD screen.
- Many modern mirrorless cameras offer focus peaking and magnification features to assist with precise manual focusing. It is highly recommended to enable these features for best results.
- The focus distance scale (in feet and meters) on the lens can be used for zone focusing or pre-focusing.

### 5.2 Aperture Adjustment

- The aperture ring (the outer ring) allows you to control the amount of light entering the lens and the depth of field.
- Rotate the aperture ring to select your desired f-stop, ranging from F1.8 (widest aperture) to F16 (narrowest aperture).
- The lens features 12 diaphragm blades, which contribute to a smooth and pleasing bokeh (background blur) at wider apertures.



Figure 5.1: Illustration of the 12-blade aperture design, which helps create smooth out-of-focus areas.

## 5.3 Exposure Settings

Since this is a manual lens, you will need to set your camera to Manual (M) mode or Aperture Priority (A) mode. In Aperture Priority mode, you set the aperture on the lens, and the camera will automatically select the appropriate shutter speed. In Manual mode, you control both aperture and shutter speed, and ISO.

## 6. MAINTENANCE

Proper care and maintenance will extend the life and performance of your lens.

- **Cleaning the Lens:** Use a soft, lint-free microfiber cloth specifically designed for optics to clean the lens elements. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens. Use a blower brush to remove dust particles before wiping.
- **Storage:** Store the lens in a dry, cool place away from direct sunlight and extreme temperatures. Always attach both front and rear lens caps when the lens is not in use. Consider using a desiccant pack in humid environments to prevent mold growth.

- **Handling:** Avoid dropping or subjecting the lens to strong impacts. When changing lenses, do so in a clean environment to prevent dust from entering the camera body or settling on the lens elements.

## 7. TROUBLESHOOTING

If you encounter issues with your lens, refer to the following common solutions:

| Problem                                | Possible Cause  | Solution   |
|--|---|--|
| Image appears dark or overexposed.     | Incorrect aperture or shutter speed settings.             | Adjust the aperture ring on the lens and/or the shutter speed/ISO on your camera to achieve proper exposure.                   |
| Images are blurry or out of focus.     | Manual focus not set correctly.                           | Ensure the focus ring is adjusted precisely for your subject. Utilize focus peaking and magnification features on your camera. |
| Dark corners (vignetting) on images.   | Using the lens on a full-frame camera without APS-C mode. | Switch your full-frame camera to APS-C (crop) mode. This lens is designed for APS-C sensors.                                   |
| Lens not attaching securely to camera. | Incorrect alignment or debris on mount.                   | Ensure the red dots on the lens and camera body are aligned. Check for any obstructions on the lens or camera mount.           |

## 8. SPECIFICATIONS

Detailed technical specifications for the 7artisans 25mm F1.8 lens:

| Feature              | Detail                    |
|----------------------|---------------------------|
| Brand                | 7artisans                 |
| Model Number         | 25mm F1.8 for Fuji        |
| Focal Length         | 25 mm                     |
| Lens Type            | Wide Angle, Fixed Prime   |
| Maximum Aperture     | F/1.8                     |
| Minimum Aperture     | F/16                      |
| Diaphragm Blades     | 12                        |
| Optical Design       | 7 elements in 5 groups    |
| Compatible Mountings | Fujifilm X-mount (APS-C)  |
| Item Weight          | 5.1 ounces (approx. 143g) |
| Package Dimensions   | 5.47 x 4.61 x 3.23 inches |
| ASIN                 | B073F81XWF                |

| Feature              | Detail        |
|----------------------|---------------|
| Date First Available | June 28, 2017 |

## 9. OFFICIAL PRODUCT VIDEO

Watch the official product video for a visual guide on the 7artisans 25mm F1.8 lens:

**Video 9.1:** Official overview of the 7artisans 25mm F1.8 Manual Focus Prime Fixed Lens for Fujifilm cameras, demonstrating its features and usage.

## 10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact 7artisans customer service through their official website or the retailer from whom you purchased the product. Please retain your proof of purchase for warranty claims.