

7artisans 12mmF2.8

7artisans 12mm F2.8 APS-C Wide Angle Manual Fixed Lens Instruction Manual

Model: 12mmF2.8

1. INTRODUCTION

This manual provides essential information for the proper use and care of your 7artisans 12mm F2.8 APS-C Wide Angle Manual Fixed Lens. Please read these instructions thoroughly before using the lens to ensure optimal performance and longevity.

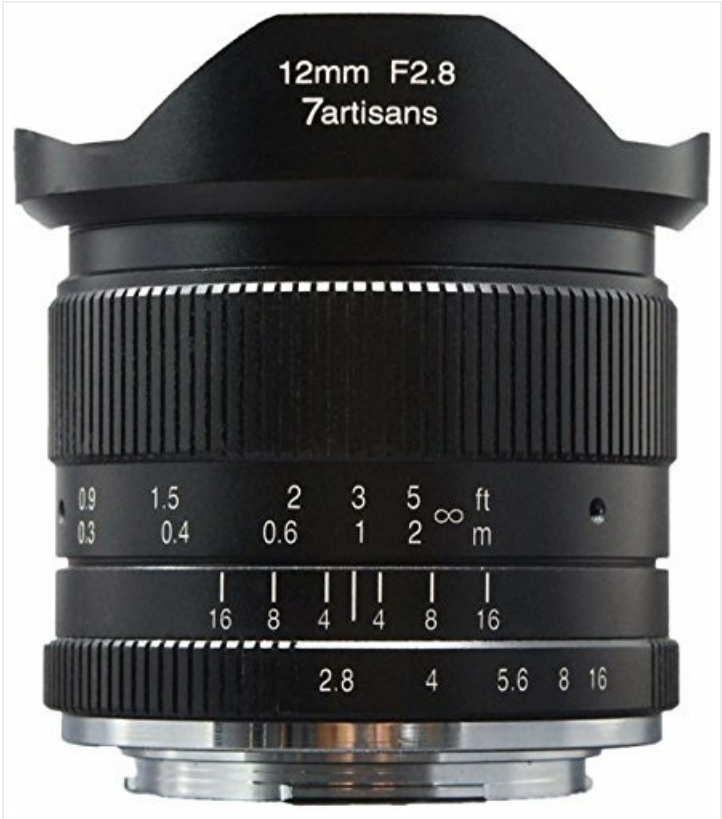


Figure 1: The 7artisans 12mm F2.8 APS-C Wide Angle Manual Fixed Lens.

2. PRODUCT OVERVIEW

The 7artisans 12mm F2.8 is a wide-angle manual fixed lens designed for mirrorless cameras with APS-C sensors. It features a robust construction with a copper core and aluminum exterior. This lens is compatible with various Sony E-Mount cameras, including models such as A6500, A6300, A6000, A5100, A5000, NEX-3, NEX-3N, NEX-5, NEX-5A, A7, A7II, A7R, VG10, VG20, VG30, and EA50.



Figure 2: Front view of the 7artisans 12mm F2.8 lens with approximate dimensions of 63mm width and 62mm height.



Figure 3: The 7artisans 12mm F2.8 lens attached to a compatible camera body.

3. SETUP

Follow these steps to properly attach the lens to your camera and configure initial settings:

1. **Mounting the Lens:** Align the red dot on the lens barrel with the corresponding mark on your camera's lens mount. Rotate the lens clockwise until it clicks into place.
2. **Camera Settings:** Since this is a manual lens, your camera may require specific settings to operate correctly. Most mirrorless cameras need to be configured to 'Release shutter without lens' or a similar option. Refer to your

camera's instruction manual for exact steps.



Figure 4: Example camera menu settings for 'Release shutter w/o lens' on various camera brands. Consult your camera's manual for specific instructions.

4. OPERATING INSTRUCTIONS

This lens features manual focus and aperture control. Familiarize yourself with the lens rings for precise adjustments.

- **Focus Ring:** The wider ring on the lens barrel is the focus ring. Rotate it to adjust the focus until your subject appears sharp in the viewfinder or on the LCD screen. Utilize your camera's focus peaking or magnification assist features for accurate manual focusing.
- **Aperture Ring:** The narrower ring closer to the camera body controls the aperture (f-stop). Rotate this ring to select your desired aperture value (e.g., F2.8, F4, F5.6, F8, F16). A wider aperture (smaller f-number like F2.8) allows more light and creates a shallower depth of field, while a narrower aperture (larger f-number like F16) allows less light and creates a greater depth of field.



Figure 5: The lens showing the focus and aperture rings with their respective markings.

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Video 1: An overview of the 7artisans 12mm F2.8 APS-C Wide Angle Manual Fixed Lens, demonstrating its physical characteristics and operation.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your lens.

- **Cleaning:** Use a soft, lint-free cloth to clean the lens exterior. For lens elements, use a specialized lens cleaning solution and microfiber cloth. Avoid touching the glass surfaces directly.
- **Storage:** Store the lens in a dry, dust-free environment, preferably with lens caps attached. Avoid extreme temperatures and humidity.
- **Handling:** Always handle the lens with care. Avoid dropping it or subjecting it to strong impacts.

6. TROUBLESHOOTING

If you encounter issues, consider the following common solutions:

- **Camera not taking pictures:** Ensure your camera is set to 'Release shutter without lens' or a similar manual lens mode.
- **Images are blurry:** Verify that the lens is properly focused using the manual focus ring. Utilize your camera's focus assist features.
- **Dark corners (Vignetting):** Some wide-angle lenses may exhibit vignetting, especially at wider apertures. This is often a characteristic of the lens design. Adjusting the aperture or post-processing can mitigate this effect.
- **Lens not attaching securely:** Ensure the lens is correctly aligned with the camera mount and rotated until it locks into place.

7. SPECIFICATIONS

Feature	Specification
Brand	7artisans
Model Number	12mmF2.8
Focal Length	12mm (Ultral wide angle)
Lens Type	Wide Angle, Prime
Compatible Mountings	Sony E-Mounts
Focus Type	Manual Focus
Maximum Aperture	F2.8
Minimum Aperture	F16
Number of Diaphragm Blades	7
Real Angle Of View	102 degrees
Lens Coating Description	HD Coating
Item Weight	5.12 ounces
Water Resistance Level	Not Water Resistant

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact 7artisans directly through their official website or authorized distributors. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

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