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7artisans 7.5mm F2.8 II

7Artisans 7.5mm F2.8 II Manual Fisheye Lens Instruction Manual

Model: 7.5mm F2.8 II

1. Introduction

Thank you for purchasing the 7Artisans 7.5mm F2.8 II Manual Fisheye Lens. This lens is designed for Micro Four Thirds (MFT) cameras, offering a unique ultra-wide-angle perspective with its distinct fisheye effect. This manual provides essential information for the proper use, maintenance, and care of your new lens.

2. Product Overview

The 7Artisans 7.5mm F2.8 II is a compact and functional fisheye lens featuring a maximum aperture of F/2.8 and a wide 170-degree angle of view. Its manual focus design allows for precise control over your images.

2.1 Key Features

- **Compact Design:** Lightweight at approximately 275g, making it portable for outdoor photography.
- **Ultra-Wide Angle:** 7.5mm focal length with a 170-degree angle of view for distinct fisheye effects.
- **Bright Aperture:** F2.8 maximum aperture for low-light performance and shallow depth of field.
- **Manual Focus:** Allows for precise control over focus, with a closest focusing distance of 0.12m.
- **Multi-Layer Coating:** Reduces flare and ghosting, enhancing image contrast and color fidelity.
- **12 Diaphragm Blades:** Contributes to smooth and pleasing bokeh.
- **Durable Construction:** Built with an aluminum body and copper bayonet mount.

2.2 Package Contents

Upon opening the package, ensure all items are present:

- 7Artisans 7.5mm F2.8 II Fisheye Lens
- Front Lens Cap
- Rear Lens Cap
- Lens Hood (integrated)
- Instruction Manual

- Soft Pouch (if included)



Image: The 7Artisans 7.5mm F2.8 II Fisheye Lens, showing the lens body, front and rear caps, and a soft pouch.

3. Setup

3.1 Attaching the Lens to Your Camera

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the 7Artisans lens and the body cap from your camera. Avoid touching the lens elements or camera sensor.
3. Align the red dot on the lens barrel with the corresponding red dot 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. Remove the front lens cap.



Image: The 7Artisans 7.5mm F2.8 II Fisheye Lens attached to a Micro Four Thirds camera body, viewed from an angle.



Image: Rear view of the 7Artisans 7.5mm F2.8 II Fisheye Lens, showing the Micro Four Thirds mount and the red alignment dot.

3.2 Detaching the Lens

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

4. Operating the Lens

This is a manual lens, meaning both focus and aperture are adjusted manually on the lens barrel.

4.1 Adjusting Focus

Rotate the focus ring on the lens barrel to achieve sharp focus. The distance scale (in meters and feet) on the lens can assist in pre-focusing or zone focusing.



Image: A detailed view of the 7Artisans 7.5mm F2.8 II Fisheye Lens, highlighting the focus distance scale and aperture ring markings.

4.2 Adjusting Aperture

Rotate the aperture ring on the lens barrel to select your desired aperture (f-stop). The aperture range is from F2.8 to F22. A wider aperture (smaller f-number) allows more light and creates a shallower depth of field, while a narrower aperture (larger f-number) allows less light and creates a greater depth of field.

4.3 Camera Settings for Manual Lenses

When using a manual lens, your camera may require specific settings:

- **Shoot Without Lens** / **Release Shutter Without Lens:**Enable this option in your camera's menu. This allows the camera to fire the shutter even when it doesn't detect an electronic connection to the lens.
- **Metering Mode:** Use Aperture Priority (A/Av) mode or Manual (M) mode for best results. In Aperture Priority, the camera will automatically set the shutter speed based on your chosen aperture.
- **Focus Peaking** / **Magnification:** Utilize your camera's focus peaking or magnification assist features for accurate manual focusing.

4.4 Using with Full-Frame Cameras (APS-C Mode)

If you are using this 7.5mm F2.8 II lens on a full-frame camera via an adapter, please switch your camera to APS-C mode. This will crop the image to avoid heavy vignetting and ensure optimal image quality, as the lens is designed for Micro Four Thirds sensors.

5. Maintenance and Care

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

- **Cleaning the Lens:** Use a soft, clean 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.
- **Dust Removal:** Use a blower brush to remove dust from the lens surface before wiping.
- **Storage:** Always attach both front and rear lens caps when the lens is not in use. Store the lens in a dry, cool place, away from direct sunlight and extreme temperatures. Consider using a dehumidifier or desiccant packs in humid environments to prevent mold growth.
- **Avoid Impact:** Protect the lens from drops and impacts, which can damage the optical elements or mechanical components.
- **Chemicals:** Do not use organic solvents such as paint thinner or benzene to clean the lens.

6. Troubleshooting

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

- **Camera not recognizing lens** / **Shutter won't fire:** Ensure "Shoot Without Lens" or "Release Shutter Without Lens" is enabled in your camera's menu.
- **Images are blurry:**
  - Check if the focus ring is properly adjusted. This is a manual focus lens.
  - Verify that your camera's shutter speed is appropriate for the lighting conditions to avoid motion blur.
  - Clean the lens elements if smudges or dust are present.
- **Dark corners (vignetting):**
  - This lens is designed for Micro Four Thirds sensors. If used on a full-frame camera, ensure APS-C mode is activated.
  - Vignetting is a natural characteristic of some wide-angle lenses, especially at wider apertures.

7. Specifications

Brand	7artisans
Model Name	7.5mm F2.8 II Fisheye Lens
Focal Length	7.5mm
Maximum Aperture	F2.8
Minimum Aperture	F22
Lens Type	Fisheye, Manual Focus
Mount Type	Micro Four Thirds (MFT)
Angle of View	170 degrees
Minimum Focus Distance	0.12 meters
Diaphragm Blades	12

Lens Coating	Multi-layer
Weight	Approx. 275g (0.6 lbs)
Filter Size	Not applicable (built-in hood)

8. Warranty and Support

For warranty information and customer support, please refer to the official 7Artisans website or contact your local distributor. Keep your purchase receipt as proof of purchase for any warranty claims.
For further assistance, you may visit the 7artisans Brand Store.

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