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MEKE 7.5mm f2.8

Meike 7.5mm f/2.8 EF-M Mount Fisheye Lens Instruction Manual

Model: 7.5mm f/2.8

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Meike 7.5mm f/2.8 Ultra Wide Angle Manual Focus Diagonal Fisheye Lens. This lens is designed for Canon EF-M mount mirrorless cameras, offering a unique perspective with its ultra-wide 190° diagonal angle of view.

Key Features:

- **Focal Length:** 7.5mm
- **Aperture Range:** f/2.8 - f/16
- **Lens Construction:** 11 elements in 9 groups
- **Angle of View (APS-C):** Diagonal: 190°, Horizontal: 161.8°, Vertical: 106.5°
- **Minimum Focusing Distance:** 0.15m
- **Focus Type:** Manual Focus
- **Mount Type:** Canon EF-M

2. SETUP AND INSTALLATION

Attaching the Lens:

1. Ensure your camera is powered off.
2. Remove the rear lens cap from the Meike 7.5mm lens and the body cap from your camera.
3. Align the red dot on the lens with the 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.

Camera Settings:

Since this is a manual lens, you must adjust your camera settings to allow shooting without a lens attached.

Refer to your camera's instruction manual for specific steps, but generally, you will need to:

- Enable "M mode" (Manual mode) on your camera.
- Access your camera's menu and find the option to "Release shutter without lens" or "Shoot without lens" and enable it.



Figure 1: Front view of the Meike 7.5mm f/2.8 Fisheye Lens with its lens cap attached.

3. OPERATING THE LENS

Manual Focus:

The Meike 7.5mm f/2.8 is a manual focus lens. To achieve sharp images:

1. Look through your camera's viewfinder or use Live View on the LCD screen.
2. Rotate the focus ring on the lens until your subject appears sharp.
3. Utilize your camera's focus peaking or magnification assist features for precise focusing, especially with the shallow depth of field at f/2.8.

Aperture Control:

The aperture ring on the lens allows you to manually set the f-stop from f/2.8 to f/16. A larger aperture (smaller f-number like f/2.8) lets in more light and creates a shallower depth of field, ideal for isolating subjects. A smaller aperture (larger f-number like f/16) provides a greater depth of field, suitable for landscapes.



Figure 2: Angled view of the Meike 7.5mm f/2.8 Fisheye Lens, highlighting the textured focus and aperture rings.

Understanding the Fisheye Effect:

This diagonal fisheye lens produces a strong barrel distortion and a very wide field of view (190° diagonal). This effect can be used creatively for:

- **Dramatic Landscapes:** Emphasize vastness and curvature.
- **Architecture:** Create unique perspectives of buildings and interiors.
- **Action Sports:** Capture immersive shots with subjects close to the lens.

4. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, lint-free cloth and lens cleaning solution to clean the lens elements. Avoid touching the glass directly with your fingers.
- **Storage:** When not in use, keep the lens capped and stored in a dry, dust-free environment, preferably

in a lens pouch or camera bag.

- **Handling:** Avoid dropping the lens or subjecting it to strong impacts, as this can damage the optical elements or mechanical components.
- **Temperature:** Protect the lens from extreme temperatures and sudden changes in temperature, which can cause condensation.

5. TROUBLESHOOTING

"Lens Not Attached" Error:

If your camera displays a "Lens Not Attached" error or refuses to take a picture, ensure that the "Release shutter without lens" option is enabled in your camera's settings. This is a common requirement for manual lenses that do not have electronic contacts to communicate with the camera body.

Unsharp Images:

As a manual focus lens, achieving sharp focus requires careful adjustment of the focus ring. Ensure you are using your camera's focus peaking or magnification features to confirm focus. Also, check your shutter speed to avoid motion blur, especially in low light conditions.

6. SPECIFICATIONS

Feature	Detail
Focal Length	7.5 mm
Lens Type	Fisheye
Aperture Range	f/2.8 - f/16
Lens Construction	11 elements in 9 groups
Angle of View (APS-C)	Diagonal: 190°, Horizontal: 161.8°, Vertical: 106.5°
Minimum Focusing Distance	0.15m
Focus Type	Manual Focus
Compatible Mountings	Canon EF-M
Item Weight	12.6 ounces
Package Dimensions	5.16 x 3.82 x 3.54 inches

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official MEKE website. Keep your purchase receipt as proof of purchase for any warranty claims.

8. PRODUCT MEDIA

Product Images:



Front view of the Meike 7.5mm f/2.8 Fisheye Lens, showcasing its compact design and prominent front element.



Angled view of the Meike 7.5mm f/2.8 Fisheye Lens, highlighting the textured focus and aperture rings.



Rear view of the Meike 7.5mm f/2.8 Fisheye Lens, showing the Canon EF-M mount.

Official Product Videos:

Your browser does not support the video tag.

Video showcasing the Meike 7.5mm f/2.8 lens by Eric Gibaud, provided by Voking Digital (Seller).

Your browser does not support the video tag.

Video demonstrating the Meike 7.5mm f/2.8 lens by Ben Gleason, provided by Voking Digital (Seller).

