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Meike MK-7528 EF-M

Meike 7.5mm F/2.8 Fisheye Lens Instruction Manual

Model: MK-7528 EF-M | Brand: Meike

1. INTRODUCTION

Thank you for purchasing the Meike 7.5mm F/2.8 Large Aperture Ultra Wide Circular Fisheye Lens. This manual provides essential information for the safe and effective use of your new lens. Please read it thoroughly before use and keep it for future reference.

This manual focus fisheye lens is designed for Canon EF-M mount mirrorless cameras, offering a unique ultra-wide perspective with significant distortion for creative photography. Its robust all-metallic construction ensures durability and a premium feel.

2. PRODUCT OVERVIEW



Figure 1: Angled front view of the Meike 7.5mm F/2.8 Fisheye Lens, showcasing its compact design and prominent front element.



Figure 2: Side view of the lens, highlighting the textured focus and aperture rings with their respective markings.

Key Features:

- **Focal Length:** 7.5mm (Fisheye)
- **Maximum Aperture:** F/2.8
- **Minimum Aperture:** F/16
- **Lens Construction:** 9 elements in 11 groups
- **Focus Type:** Manual Focus
- **Mount Type:** Canon EF-M
- **Compatibility:** Works with all EF-M mount Cameras, such as EOS M, M2, M3, M5, M6, M10, M50, M100, etc.
- **Construction:** All-metallic body for durability and a lightweight, compact design.

3. PACKAGE CONTENTS

Please check that all items are present in your package:

- Meike 7.5mm F/2.8 Fisheye Lens (MK-7528 EF-M)
- Front Lens Cap
- Rear Lens Cap

- Lens Pouch (may vary by region)
- Instruction Manual (this document)

4. SETUP

4.1 Attaching the Lens to Your Camera

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the Meike 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.



Figure 3: Rear view of the lens, showing the Canon EF-M mount for attachment to compatible cameras.

4.2 Camera Settings for Manual Lens

Since this is a fully manual lens with no electronic contacts, your camera will not automatically detect it. You must enable specific settings on your Canon EF-M camera to allow it to function:

1. Turn on your camera.
2. Navigate to your camera's menu.
3. Look for a setting such as '**Release shutter without lens**' or '**Shoot without lens**' and enable it. The exact wording may vary by camera model.
4. Set your camera to **Manual (M) mode** for full control over aperture and shutter speed.

Failure to enable 'Release shutter without lens' will prevent the camera from taking photos with the manual lens attached.

5. OPERATING THE LENS

5.1 Manual Focus

The Meike 7.5mm F/2.8 lens features a smooth manual focus ring. To achieve sharp focus:

- Rotate the focus ring until your subject appears sharp in the viewfinder or on the LCD screen.
- Utilize your camera's focus peaking or magnification assist features for precise focusing, especially with wide apertures.
- The lens has distance markings (in meters and feet) on the barrel to aid in zone focusing or pre-focusing.

5.2 Aperture Control

The aperture is controlled directly on the lens barrel via the aperture ring. This lens has a range from F/2.8 to F/16.

- Rotate the aperture ring to select your desired F-stop.
- A wider aperture (smaller F-number like F/2.8) allows more light and creates a shallower depth of field.
- A narrower aperture (larger F-number like F/16) allows less light and creates a greater depth of field.



Figure 4: Detailed view of the focus and aperture rings on the lens barrel, showing the markings for precise control.

5.3 Creative Use of Fisheye Perspective

The 7.5mm fisheye lens provides a 190-degree angle of view, creating a distinct circular distortion. Experiment with different compositions to leverage this unique perspective:

- **Astrophotography:** Capture vast night skies and the Milky Way with an immersive feel.
- **Street Photography:** Create dynamic and engaging street scenes with exaggerated perspectives.
- **Architecture:** Emphasize the scale and lines of buildings, or capture entire interiors in tight spaces.

6. MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth and a specialized lens cleaning solution to clean the glass elements. Avoid touching the glass with your fingers.
- **Storage:** When not in use, keep the lens caps on and store the lens in its pouch in a dry, dust-free environment. Avoid extreme temperatures and humidity.
- **Handling:** Handle the lens with care. Avoid dropping it or subjecting it to strong impacts.

7. TROUBLESHOOTING

7.1 Camera Not Taking Photos

- **Issue:** Camera does not release the shutter when the lens is attached.
- **Solution:** Ensure that 'Release shutter without lens' or 'Shoot without lens' is enabled in your camera's menu settings. This is crucial for manual lenses.

7.2 Images Are Blurry

- **Issue:** Photos appear out of focus.
- **Solution:** This is a manual focus lens. Ensure you are carefully rotating the focus ring to achieve sharp focus. Use your camera's focus peaking or magnification assist.
- **Solution:** Check your shutter speed. In low light, a slow shutter speed can cause motion blur. Increase ISO or use a tripod.

7.3 Images Are Too Dark/Bright

- **Issue:** Exposure problems.
- **Solution:** Adjust the aperture using the lens's aperture ring. Adjust shutter speed and ISO on your camera to achieve correct exposure. Since there are no electronic contacts, the camera's light meter may not function optimally; manual exposure adjustment is often required.

8. SPECIFICATIONS

Feature	Specification
Focal Length	7.5 mm
Maximum Aperture	F/2.8
Minimum Aperture	F/16
Lens Type	Fisheye

Feature	Specification
Compatible Mountings	Canon EF-M
Lens Construction	9 elements in 11 groups
Focus Type	Manual Focus
Item Weight	11.3 ounces (approx. 320g)
Package Dimensions	5.08 x 3.82 x 3.58 inches

9. PRODUCT VIDEOS



Video 1: A review of the Meike 7.5mm f2.8 lens by Ben Gleason, demonstrating its features and image quality.



Video 2: A review of the Meike 7.5mm f2.8 lens by Eric Gibaud, providing insights into its performance.



Video 3: A short video showcasing the Meike 7.5mm f2.8 fisheye lens, highlighting its design and functionality.

10. WARRANTY AND SUPPORT

Meike products are manufactured to high-quality standards. For warranty information and customer support, please refer to the warranty card included with your product or visit the official Meike website. Keep your proof of purchase for any warranty claims.