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› OLYMPUS M.Zuiko Digital ED 12-100mm F4.0 IS PRO Lens Instruction Manual

OM SYSTEM V314080BU000

Instruction Manual: OLYMPUS M.Zuiko Digital ED 12-100mm F4.0 IS PRO Lens

Brand: OM SYSTEM | Model: V314080BU000

1. INTRODUCTION

The OM SYSTEM M.Zuiko Digital ED 12-100mm f4.0 IS PRO lens is a professional-grade, high-magnification zoom lens designed for Micro Four Thirds SYSTEM cameras. It offers an extensive focal range equivalent to 24-200mm in 35mm format, making it a versatile solution for various photography styles. This lens is engineered for high-resolution sharpness across the entire zoom range, featuring a constant f4.0 aperture. Its robust weather-sealed construction and Z Coating Nano anti-flare coating ensure reliable performance in diverse environmental conditions.



Figure 1: OLYMPUS M.Zuiko Digital ED 12-100mm F4.0 IS PRO Lens.

2. WHAT'S IN THE BOX

Verify that all the following items are included in your package:

- M.Zuiko Digital ED 12-100mm f4.0 PRO Lens
- Front lens cap LC-72C

- Rear lens cap LR-2
- Lens hood LH-76B
- Lens case LSC-0914
- Manual
- Warranty card

3. KEY FEATURES

- **Extensive Zoom Range:** Covers 24 to 200 millimeter (35 millimeter equivalent) for versatile shooting.
- **Superior Optics:** Features 17 elements in 11 groups for outstanding resolution and image quality.
- **5-Axis Sync IS:** In-lens image stabilization works in conjunction with compatible camera bodies for up to 6.5 stops of compensation, enabling sharp handheld shots even in challenging conditions.
- **Z Coating Nano:** Advanced Zuiko extra low reflection optical coating minimizes flare and ghosting.
- **Weatherproof Construction:** Durable design ensures reliable performance in various weather conditions.
- **MF Clutch Mechanism:** Allows for quick and intuitive switching between auto and manual focus with distance markings.
- **L-Fn Button:** Customizable function button on the lens barrel for quick access to frequently used settings.

4. SETUP GUIDE

4.1 Attaching the Lens

1. Ensure both the camera and lens are powered off.
2. Remove the rear lens cap from the lens and the body cap from the camera.
3. Align the white mounting index on the lens barrel with the white mounting index on the camera body.
4. Insert the lens into the camera's lens mount and rotate it clockwise until it clicks into place. Do not force the lens.

4.2 Attaching the Lens Hood

The included LH-76B lens hood helps to block stray light and protect the front element of the lens.

1. Align the red dot on the lens hood with the red dot on the front of the lens.
2. Attach the hood and rotate it clockwise until it locks securely.



Figure 2: The M.Zuiko Digital ED 12-100mm F4.0 IS PRO Lens attached to a Micro Four Thirds camera body.

5. OPERATING THE LENS

5.1 Zooming

Rotate the zoom ring on the lens barrel to adjust the focal length between 12mm (wide-angle) and 100mm (telephoto). The constant f4.0 aperture ensures consistent exposure throughout the zoom range.

5.2 Focusing (MF Clutch)

The lens features an MF (Manual Focus) Clutch mechanism for quick switching between autofocus and manual focus. To engage manual focus, pull the focus ring towards the camera body. This will reveal the distance scale, allowing for precise manual focusing. Push the focus ring forward to return to autofocus mode.

5.3 Image Stabilization (IS)

This lens incorporates in-lens image stabilization. When paired with a compatible OM SYSTEM camera body featuring In-Body Image Stabilization (IBIS), the two systems work in conjunction (Sync IS) to provide up to 6.5 stops of stabilization. This significantly reduces camera shake, allowing for sharp handheld images and stable video footage even at slower shutter speeds or longer focal lengths. The IS ON/OFF switch is located on the side of the lens barrel.

5.4 L-Fn Button

The L-Fn (Lens Function) button on the side of the lens can be customized via your camera's menu to quickly access various functions, such as AF Stop, Depth of Field Preview, or other frequently used settings. Refer to your camera's instruction manual for detailed customization options.

5.5 Close-Up Capabilities

While not a dedicated macro lens, the M.Zuiko 12-100mm f4.0 IS PRO offers impressive close-up performance. The minimum focusing distance is 15cm at 12mm focal length and 45cm at 100mm focal length, allowing for detailed shots of small subjects.

6. SPECIFICATIONS

Product Dimensions	4.59 x 3.05 x 3.05 inches
Item Weight	1.2 pounds
Item Model Number	V314080BU000
Brand	OM SYSTEM
Focal Length Description	12-100mm
Lens Type	Wide Angle, Normal, Telephoto
Compatible Mountings	Micro Four Thirds
Manufacturer	Olympus
Country of Origin	Vietnam

7. MAINTENANCE

7.1 Cleaning the Lens

- Use a blower brush to remove dust and loose particles from the lens surface.
- For smudges or fingerprints, use a clean microfiber cloth specifically designed for optics. Breathe lightly on the lens surface before wiping to create a slight condensation, which aids in cleaning.
- Avoid using abrasive materials, harsh chemicals, or solvents, as these can damage the lens coatings.

7.2 Storage

- When not in use, attach both the front and rear lens caps.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, consider using a desiccant to prevent mold and mildew growth, especially in humid environments.

8. TROUBLESHOOTING

8.1 Lens Not Attaching Securely

- Ensure the lens and camera body mounting indexes are correctly aligned.
- Check for any obstructions or debris on the lens mount or camera body mount.
- Confirm that the lens is fully rotated clockwise until it clicks.

8.2 Autofocus Issues

- Verify that the MF Clutch mechanism is pushed forward, engaging autofocus mode.
- Check the AF/MF switch on the camera body and ensure it is set to AF.
- Clean the lens and camera contacts with a dry, lint-free cloth.
- Ensure there is sufficient light and contrast in the scene for the autofocus system to operate effectively.

8.3 Image Stabilization Not Working

- Confirm the IS switch on the lens is set to "ON".
- Check your camera's menu settings to ensure image stabilization is enabled and configured correctly for Sync IS if applicable.

- Restart the camera and re-attach the lens.

9. WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. Please refer to the included warranty card for specific terms, conditions, and duration. For technical support, service, or warranty claims, please contact OM SYSTEM customer service or visit their official website. Keep your proof of purchase for warranty validation.

Online Support: www.omsystem.com/support