



OM IM031 Digital ED 90mm Macro Instruction Manual

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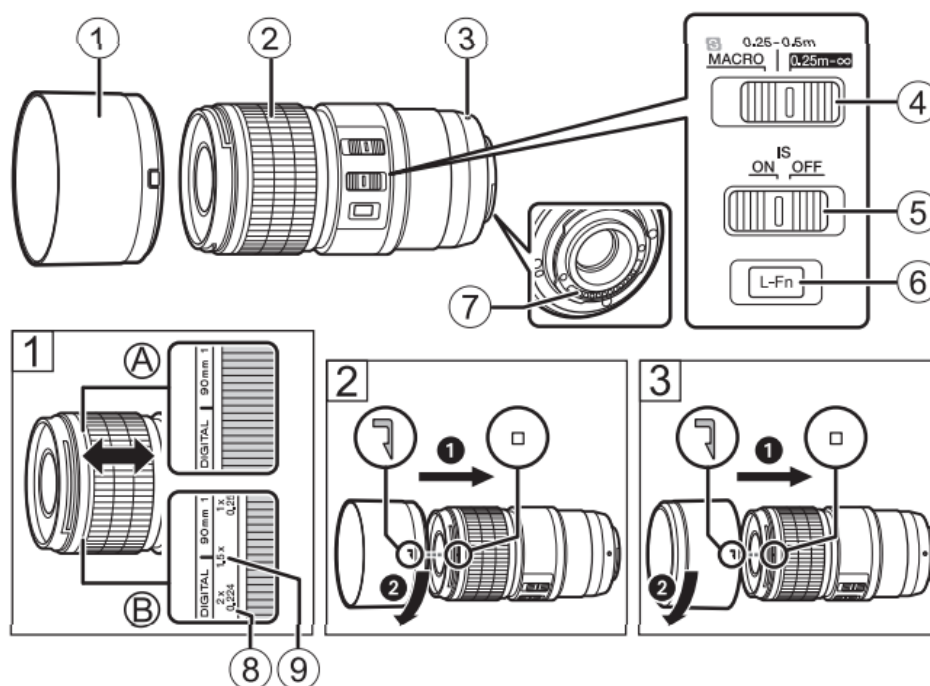
OM IM031 Digital ED 90mm Macro



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Thank you for purchasing this product. To ensure your safety, please read this instruction manual before use, and keep it handy for future reference.

Name of parts



1. Lens hood
2. Focus ring
3. Mount Index
4. Focus limiter switch
5. IS switch
6. L-Fn button
7. Electrical contacts
8. Distance indicator
9. Magnification indicator

Focus ring

Slide to change the focus method (Fig. 1) (manual focus clutch mechanism).

- Position in which distance or magnification indicator cannot be seen (Fig. 1-A)
- The lens will operate in the focus mode set by the camera.
- Position in which distance and magnification indicators can be seen (Fig. 1-B)
- The lens will operate in the MF mode, regardless of the focus mode set by the camera.
- Focus by rotating the lens focus ring.

- The focus will be within the range of the shooting distance set with the focus limiter switch.

S-MACRO

Subject distance (m)	0.50	0.33	0.25	0.23	0.224
Magnification	0.25x	0.5x	1x	1.5x	2x
Effective f-number	5.0	5.6	6.3	7.1	8.0
Exposure compensation	0	+1/3	+2/3	+1	+1 1/3

0.25-0.5m / (c): 0.25m-

Subject distance (m)	0.50	0.33	0.25
Magnification	0.25x	0.5x	1x
Effective f-number	3.5	4.0	4.5
Exposure compensation	0	+1/3	+2/3

Attaching the hood (Fig. 2)

Storing the hood (Fig. 3)

To remove the hood, rotate it while pressing the release button.

IS switch

Turn image stabilization (IS) on or off.

ON: Stabilizing functions in the lens and camera operation. The IS operates according to the IS setting in the camera.

OFF: Stabilizing functions in both the lens and The camera are off.

L-Fn button

The AF stops functioning when the button is pressed. You may be able to assign other functions depending on your camera. For details, see the instruction manual that came with your camera.

Focus limiter switch

Sets the range of the photographing distance. Focusing is done within the range that is set. If performing exposure compensation using an external light meter, refer to the table below. Exposure compensation is unnecessary when using the camera's automatic exposure mode. (a): S-MACRO 0.25-0.5m / (c): 0.25m-) When the focus limiter switch is in position (c), the shooting distance is 0.25m-



Notes on Shooting

Please use the latest firmware for the camera. Operations will vary depending on the camera. For more information, please visit our home page. Contact the other manufacturer to mount the lens on another manufacturer's digital camera.

- Edges of pictures may be cut off if more than one filter is used or if a thick filter is used.
- When using a flash, the flashlight may be blocked by the lens body, lens hood, etc.
- Usage conditions may lower the number of images that can be captured.
- Do not touch electric contacts on cameras.
- If autofocus (AF) is unavailable, check the sliding position of the focus ring.
- The focus distance may change when the focusing method is switched from MF to AF/ MF and then back to MF. Readjust the focus distance.
- The distance and magnification indicators are intended as a guide only.

Main Specifications

This lens can be used with an M.ZUIKO teleconverter. For more information on compatible teleconverters and notes on combining them with the lens, please visit our home page Specifications are subject to change without any notice or obligation on the part of the manufacturer. Maintenance Blow the dust off the lens with a commercially available blower. For the lens, wipe gently with a lens cleaning paper. Precautions: Be Sure to Read the Following.

Mount	: Micro Four Thirds mount
Focal distance	: 90 mm (equivalent to 180 mm on a 35 mm camera)
Max. aperture	: F3.5
Image angle	: 14°
Lens configuration	: 13 groups, 18 lenses
Iris control	: F3.5 to F22
Shooting range	: 0.224 m (8.8 in.) to ∞ (infinite)
Focus adjustment	: AF/MF switching
Dimensions	: ø 69.8 mm/2.7 in. (maximum diameter) × 136.0 mm/5.4 in. (length)
Weight	: 453 g (16.0 oz.) (excluding hood and cap)
Filter size	: ø 62 mm
Lens hood	: Bayonet

Warnings: Safety Precautions

Do not view the sun through the lens. It may cause blindness or vision impairment. Do not leave the lens without the cap. If solar light is converged through the lens, a fire may result. Do not point the camera lens at the sun. Sunlight will converge in the lens and focus inside the camera, possibly causing a malfunction or fire. Micro Four Thirds and the Micro Four Thirds logo are trademarks or registered trademarks of OM Digital Solutions Corporation.

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used per the instructions, may cause harmful interference to radio communications. However, there

is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Only the USB cable supplied by the manufacturer should be used to connect the camera to USB-enabled personal computers.

FCC Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment For customers in North America, Central America, South America and the Caribbean

Declaration of Conformity

Model Number: IM031

Trade Name: OM SYSTEM

Responsible Party

Address: 306 South New Street, Suite 110 Bethlehem, PA 18015, USA

Telephone Number: 1-800-622-6372

Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE


This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

For customers in Europe (excluding

England, Wales and Scotland) This symbol [crossed-out wheeled bin WEEE Annex IV] indicates a separate collection of waste electrical and electronic equipment in the EU countries. Please do not throw the equipment into the domestic refuse. Please use the return and collection systems available in your country for the disposal of this product. The manufacturer will not be held liable for violations of local regulations arising from the use of this product outside the country or region of purchase. The software in this lens may include third-party software. Any third-party software is subject to the terms and conditions, imposed by the owners or licensors of that software, under which software is provided to you.

Documents / Resources

	OM IM031 Digital ED 90mm Macro [pdf] Instruction Manual IM031 Digital ED 90mm Macro, IM031, Digital ED 90mm Macro, ED 90mm Macro, Macro
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)