

# Various Lenses - Instruction Manual for Leica M Mount Conversion Adapter (Range Finder 3 m Fixed Version)

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This mount adapter is an adapter for attaching various lenses to a camera with the Leica M mount. The conventional type was not interlocked with the range finder, and there was a large misalignment in framing. This adapter has a structure in which the range finder is fixed at 3 m to reduce misalignment in framing. In addition, it is improved so that the distance to the subject, 3 m, can be measured accurately.

Because of the sensor size, the angle of view of the M8 body is narrower than that of a body using film or a body with a full-size sensor.

Since the switching claw of the finder frame is for 50/75, the angle of view of the finder will be different when using a lens other than 50 mm or 75 mm. When using a lens other than 50 mm or 75 mm, use an external finder.

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## **Precautions for Focusing**

When using this mount adapter with a range finder camera, the range finder is not interlocked. The range finder is fixed at 3 m. Therefore, the double images in the finder coincide when the distance between the camera and the subject is 3 m. (Since the distance to the subject, 3 m, can be measured accurately, use it as a rough indication for focusing.) Because of the nature of the system, it is recommended that the focal length of the lens used is 50 mm or less. For a camera with a live view function, focusing in live view is recommended.

## Precautions

- ⦿ Assuming that the lens may fall off, avoid using this product in places where there is a possibility of people underneath, such as high places.
- ⦿ Although this product has a robust design, a precision mechanism is incorporated into a limited space. Therefore, be careful when using it, such as when attaching or removing it.
- ⦿ When using this product with a heavy lens, such as a telephoto lens, it is necessary to be careful not to apply excessive force to the body. In particular, the body of a mirror-less digital camera is not supposed to be equipped with a large lens. Therefore, if a large force is applied to the mount, the camera, lens and/or adapter may be damaged.  
Be careful when using this product with a heavy lens.
- ⦿ When handling this product, be careful not to hurt your hands with sharp corners, such as lock claws or mount, especially when attaching or detaching it.
- ⦿ Be careful, because if you operate the focus ring or aperture ring while pushing the lens lock button, the lens may rotate unintentionally, and it may disengage from the adapter.
- ⦿ The adapter does not guarantee attachment of all compatible lenses; do not forcibly attach a lens.
- ⦿ We bear no responsibility for any damage or failure of the camera, lens, and/or adapter when a lens with interference is attached. Do not forcibly attach a lens.
- ⦿ Carefully read the instruction manual for your camera and lens as well.
- ⦿ When the lens cannot be removed, do not forcibly remove it; contact the dealer or our company.

Please note that the specifications, appearance, and shape of the product are subject to change without notice for improvement.

## How to Attach the Adapter and Lens

Attachment and removal can be performed from either the lens side or the body side.  
The lens can be changed with the adapter attached to the body.

**NF-LM, OM- LM, LR- LM, CY- LM, PK- LM, EXA/TOP- LM, MD- LM,  
KAR- LM, SC- LM.O,**

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Align the mark of the adapter with the mark of the lens and rotate them until they lock while lightly pressing them against the body.

### **M42- LM**

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There is no mounting mark. Rotate the adapter and lens until the rotation stops. As the mark of the lens may not face upward precisely (due to individual lens differences), do not overtighten the adapter and

lens in order to make the mark face precisely upward.  
A lens with an aperture interlocking pin is attached with the pin pushed in.

## FD- LM

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This adapter can be used for both FD lenses and New FD lenses.  
To use an FD lens, lock the aperture lever on the back of the lens before attaching it.  
With the lens mark facing up, push up on the lever on the lower right side of the mount on the mounting surface of the camera counterclockwise until it clicks and locks.  
In this state, align the triangle mark (▲) of the adapter with the mark of the lens to attach them and tighten the tightening ring.

When attaching a New FD lens, first align the position of the triangle mark (△) of the adapter with the red mark of the lens, then lightly press the lens and move it to the triangle position (▲) according to the arrow. At this position, the lens is retracted into the mount. Check that the lens is in close contact with the mounting surface and then rotate the lens in the opposite direction until it locks.

## How to Remove the Adapter and Lens

### NF- LM, LR- LM, PK- LM

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While pushing the lock button on the outer circumference of the adapter in the opposite direction to the lens, rotate the adapter and lens in the opposite direction of the attachment.

### CY- LM, EXA/TOP- LM, MD- LM, KAR- LM

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While pushing the lock button on the outer circumference of the adapter toward the center of the adapter, rotate the adapter and lens in the opposite direction of the attachment.

### M42- LM

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Rotate the adapter and lens in the opposite direction of the attachment.

### FD- LM, OM- LM and SC- LM.0

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While pushing the lock button on the lens body, rotate the adapter and lens in the opposite direction of the attachment.

(For an FD lens, loosen the tightening ring and then remove the adapter and lens.)

## Shooting

- ◎ Use the AEmode (aperture priority) or M mode (manual) for the mode setting of the camera body.
- ◎ Perform focusing manually. (Automatic focusing does not work.)
- ◎ After setting to the desired aperture value, press the shutter. (In the case of the M mode, set the shutter speed as well.) The exposure metering will be stopped-down aperture metering (photometry in the stopped state).

## About the SC-LM.

- \* Nikon S and Contax C cameras are cameras that comply with a standard for the mount part with inner claws and outer claws. This adapter is the type for external claw lenses only. (It is not compatible with inner claw lenses.)
- \* Depending on the combination of body and lens, it may not be possible to attach them using this adapter. When attaching a lens, be very careful, and do not apply excessive force.
- A lens with a large protruding rear lens section interferes with the wall inside the camera mount and cannot be attached.  
(Example) Biogon 21 mm/F4.5, Biogon 35 mm/F2.8, Jupiter-12 35 mm/F2.8, etc.
- Since the Nikko R 25 mm/F4 is a lens that adjusts the focus on the body side, the focus cannot be adjusted on the lens side.

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