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LAOWA MFT 17mm F1.8

**C-Dreamer**

使用手册

Instruction Manual

**LAOWA 老蛙**

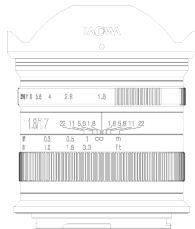
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Please note we reserve the right to change our product's  
design and specifications at any time without notice and  
to the final interpretation of the *Instruction Manual*.



## PREFACE

Thank you for choosing laowa MFT 17mm F1.8 C-Dreamer mirrorless cameras. This lens is a wide-angle lens under M4/3 system, with an equivalent 34mm field of view. It focuses on humanistic photography, allowing portability and better image quality and imaging experience.



**⚠ In order to ensure the safety of operation, please read the User's Manual and Precautions carefully before using this product, and put the Manual in a place that is easily accessible when needed. If you encounter any problem that cannot be solved, please call after-sales for technical support.**

## MAIN FEATURES

- The 17mm F1.8 has a 65 ° angle of view of the M4/3 system and can capture an equivalent 34mm full frame wide angle of view.
- With a maximum aperture of F1.8, it has a larger amount of light, giving photographers more creative space.
- The equivalent angle of 34mm belongs to the small wide angle, which can shoot a variety of subjects such as scenery, portraits and humanities.
- All the mechanical structures of this lens are made of metal parts, ensuring the assembly precision and durability of the lens.
- The 17mm F1.8 lens is compact and weighs only 172g, saving the space of the backpack and lightening the burden of users.
- This lens can be used on Zenmusex5s, allowing UAV players more lens choices.
- Each lens is coated with low reflection multilayer film, eliminating flare as much as possible, and the front lens is coated with Frog Eye Coating FEC, which makes water droplets, stains, etc. not easy to adhere.

## PERCAUTIONS

### ⚠ Safety Precautions

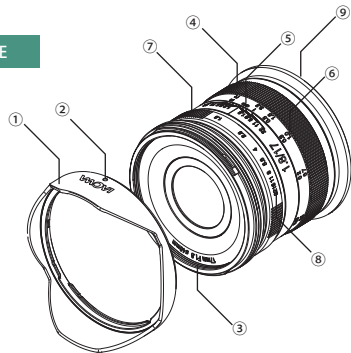
- Do not disassemble or modify the lens by yourself. If it is damaged by external force, do not touch any exposed part of the lens.
- Don't expose the lens to excessive heat such as direct sunshine or a parked car as this may deform the lens elements and other mechanism.
- Close the front cap of the lens or prevent the lens from exposing sunlight when it is not in use. The light reflected by the convex lens gathering on a nearby object can cause a fire.
- Do not place the sun in the center of the frame when shooting with backlight, sunlight focused on the camera when the sun is in or close to the frame could cause a fire or damage to your eyes.
- When shooting with the camera's built-in flash, the lens itself may block light and cause vignetting, an external flash is recommended in such case.

## PERCAUTIONS

### ■ Maintenance Precautions

- Avoid touching the lens surface. Remove the dust on the lens surface with a lens cloth or a blower. Keep the lens cap attached.
- Using a circular motion with a lens tissue or cleaning cloth, gently remove oil, fingerprints, and grime from the lens surface, working from the center outward.
- If the lens is taken from a cold environment into a warm one, condensation may develop on the lens surface and internal parts. To prevent condensation in this case, please take measures to protect against moisture before moving the lens.

## NOMENCLATURE



- ①: Lens hood ②: Lens hood mounting index ③: Filter thread  
④: Focusing ring ⑤: Distance scale ⑥: Depth-of-field scale ⑦: Aperture ring  
⑧: Aperture scale ⑨: Lens mounting index

## DIRECTION FOR USE

### ■ Mounting the Lens

- Remove the lens rear cap. Align the mounting index⑨ on your lens with the matching mounting index mark on the camera. Insert the lens into the camera and turn the lens in the attachment direction until it locks with a “click” . Do not apply too much force in case of damage to the mount.

### ■ Detaching the Lens

- Turn the camera off and press the lens release button on the camera, turn the lens in the direction opposite to that for attaching, and pull it out.
- Gently turn the lens back and forth to ensure that the lens is fully attached to the camera.
- *Turn on the "lens-free shutter release" function in the camera, as it is a non-CPU lens, data information cannot be provided.*

## INSTRUCTIONS

### ■ Mounting and Detaching the Lens Hood

- Keep the lens hood mounting index② and the mounting dot on the camera aligned, and turn the lens hood clockwise until it clicks into place.
- For the need of detaching the lens hood, please turn the lens hood in the direction opposite to that for attaching.
- The lens hood helps reduce lens flare and protects the lens front element from damage.
- Lens hood may be unable to be attached if some certain filters have been used with the lens.
- If not using the lens hood, you can also place it backwards over the lens.
- When shooting with a flash, the lens hood may block light, which may cause vignetting. So when shooting with camera's built-in flash or with the external flash unit that is not high enough, please remove the lens hood first before shooting.

## INSTRUCTIONS

### ■ Focusing

- This lens is a full manual focus lens. When focusing, slowly rotate the focus ring ④ until it is in focus.
- Do not over-rotate the focus ring too quickly to avoid excessive damage to the focus ring.
- The distance scale ⑤ and the depth of field ⑥ on the lens are for instructional purposes. The actual focus and depth of field may be slightly different from the tick mark.
- For very precise focus, when the camera position is fixed, use the maximum aperture to focus, and then rotate to the desired aperture value after the focus is complete.
- For the convenience of focusing, turn on the peak focus function in the camera (depending on the camera you use).

## INSTRUCTIONS

### ■ Aperture Instructions

- Turn the aperture ring ⑦ on the lens to choose the corresponding aperture according to the shooting situation and desired depth-of-field.
- As a Non-CPU lens, the camera cannot record the actual aperture value.
- Since this is a manual lens, aperture-priority mode is recommended to be used (Metering accuracy will depend on the camera).

## SPECIFICATIONS

LAOWA MFT 17mm F1.8 C-Dreamer	
Format	M4/3
Focal Length	17mm
Angle of View	65°
Max. Aperture	1.8
Min. Aperture	22
Lens Structure	9elements in 7groups (1 pcs of Extra-low Dispersion Elements)
Aperture Blades	7
Min.Shooting Distance	15cm
Max. Magnification	0.2X
Focusing	Manual Focus (MF)
Filter Diameter	φ46mm
Size(length/diameter)	Φ55mm×51mm
Weight	172g (without lens hood)

New Idea . New Fun .

老蛙镜头

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