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LAOWA S35 7.5mm T2.9 Cine

使用手册

Instruction Manual

**LAOWA 老蛙**

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本公司保留对此《使用说明》的最终解释权。

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 sincerely for purchasing LAOWA S35 7.5mm T2.9 Cine wide lens. It is S35 system ultra wide lens. The lens is made of 100% metal materials ensuring the long-term durability. In order to you can get fully understanding on product usage method and precautions, please read the manual carefully before you use.



*For safe operation, please read the manual and precautions carefully before you use the product, and place the manual where it is easy to obtain whenever required. If you have any unsolved problem please contact with our after-sales service team for further technical support.*

## Features

- The lens is S35 frame ultra wide, its wide field of view 123° can bring shocking visual experience.
- 2. The mechanical structure made of 100% metal materials effectively guarantee the lens assembly accuracy and greatly improve the long-term durability.
- 3. Low distortion design, in landscape and architecture shooting, the lines are kept straight, which effectively reduces the afterward shooting correction workload.
- 4. There are 10 groups of 16 lenses inside, including 2 aspherical and 2 ED lens structure which can take high-quality image.

## Precautions

### ■ △ Safety Precautions

- Do not disassemble, modify the lens by yourself. When the product is damaged due to external force, do not touch the exposed part or damaged edge.
- Do not leave the lens exposed to sunlight and closed vehicle or other high temperature places, otherwise excessive heat may deform the glass elements and other parts of the lens.
- When you do not use the lens, please cover front cap or leave it in a shade place, convex lens reflects light may be gathered on near objects and causes a fire.
- Do not place the sun in the frame center when shooting with backlight, you should make the sun deviates from the center to the corner, otherwise sunlight will be gathered in the camera and cause a fire or burn your eyes.
- The camera's built-in flash will cause vignetting because the lens shelters light. It is recommended you use external flash.

## Precautions

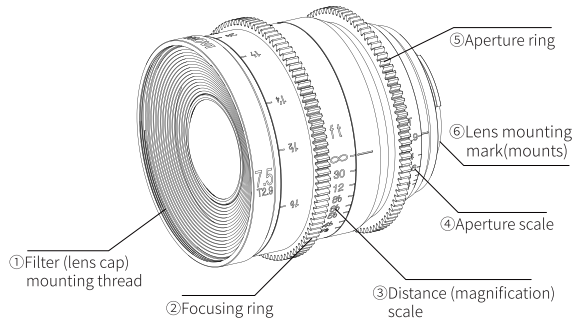
### ■ Long-term maintenance and precautions

- Do not touch the lens contacts. Clean by a lens cloth or a blower to remove the lens dirt. Always place the lens cap on the lens when storing.
- When you use lens paper or lens cloth to clean, remove the dirt and fingerprints on the lens from the middle to the outside in a spiral way.
- When the lens is suddenly transferred from a cold environment to a warm environment, the external and internal lenses will condense water mist, so moisture-proof protection measures should be taken during the transfer.

## Attached accessories

- Lens front cap\*1 Lens back cap\*1 Manual book\*1 Warranty card\*1 Certificate of inspection\*1 Desiccant\*1 Gasket\*6

## Nomenclature



## Instructions

### ■ To install the Lens

Remove the camera body cover and the lens rear cap. Align the mounting mark⑥on the lens bayonet with the mounting mark on the film projector seat ring, then insert the lens into the camera seat ring and rotate it in the direction for your lens version until it locks. Do not use excessive force during installation to avoid damage to the bayonet.

When installing the lens, please make sure that dust and other impurities do not enter the camera, and at the same time be careful not to touch the internal parts of the camera.

Before using the lens for the first time or after installing the lens to other cameras, please measure the distance Through The Lens and adjust the back focal flange distance.

### ■ To remove the lens

Turn the camera off. While pressing the lens release button on the camera, rotate the lens in the opposite direction , then detach the lens from seat ring .

After installation of the lens, please try to rotate the lens to make sure it mounted onto the camera properly.

## ■ Focusing

This is a fully manual focusing lens. In-focus rotate the focusing ring ② slowly until to the end.

Turn the focus ring slowly and gently to prevent the focusing mechanism from damage.

The distance scale ③ and depth of field scale are for instructional purposes only. Actual focus and depth of field may slightly differ from those scale indications.

To get precise focusing, it is recommended to focus through max aperture when the camera position is fixed. After finish focusing, then set the desired aperture by rotating the aperture ring.

For the focusing convenience, please turn on peak focusing function on the camera (Note that the function depends on camera models.)

## Setting the Aperture

Aperture is adjusted through the lens. According to the shooting situation and desired depth of field, rotate the aperture ring ⑤ to the corresponding aperture.

Since the lens has no CPU data, the aperture value can not be recorded.

Before delivering the lens, LAOWA will adjust the back focal length according to different bayonets of the film projectors, but there will be slightly different for different brands film projectors back focal length. In order to facilitate the adjustment of the back focal length and achieve the best imaging effect, the LAOWA film lens is attached in the package with gaskets for different bayonet sizes to facilitate the adjustment of the back focal length.

## Specifications

LAOWA S35 7.5mm T2.9 Cine	
Format	S35
Focal Distance	7.5mm
Aperture Range	T2.9-22
Angle of View	123°
Lens Structure	ten groups 16PCS(two aspherical lenses, two ED lenses)
Aperture Blades	7
Min. Shooting Distance	25cm
Max. Magnification	0.05X
Focusing	manual (MF)
Filter Thread	Φ77mm
Dimensions	Φ80mm*80.7mm
Weight	about 610g (exclude front and back caps)
Mounts	E, Z, RF, X

The LAOWA logo is displayed in a bold, teal-colored, sans-serif font. The letters are thick and blocky, with the 'O' being a simple circle. The logo is centered horizontally on the right page.