



**MACRO APO-LANTHAR 110mm F2.5**  
**E-mount**

INSTRUCTION MANUAL

Voigtländer E-mount lenses are designed for use on E-mount camera body. The lenses cover the full frame format. They are manually controlled lenses so the user sets focus and aperture - the built-in CPU will transmit the information to the camera body to give the user Exif-data, and depending on the specification of the camera Auto-lens-correction, 5 axis-Image Stabilization as well as Manual-Focus Assist.

### **Features of Voigtländer E-mount lens**

- Built-in CPU for Full Frame E-mount camera bodies
- Lens Construction Design for Digital Sensor
- All Metal Lens Barrel for long life
- Smooth Focus Ring for precise focusing

## Tips for lens care and safety

These tips are to protect the user from injury or damaging the lens.



**WARNING**

If the user ignores this warning sign and uses the equipment the wrong way serious injuries and even death might be the result.



**CAUTION**

If the user ignores this caution sign it might result in injuries and damage the equipment.



**WARNING**

Never look directly at the sun with a telephoto lens as this can damage your eyes.



**CAUTION**

Keep the lens, camera and accessories out of reach of children.



**CAUTION**

Store the lens away from direct sunlight and always store the lens with lens-cap on. Failure to do so can create a fire hazard.

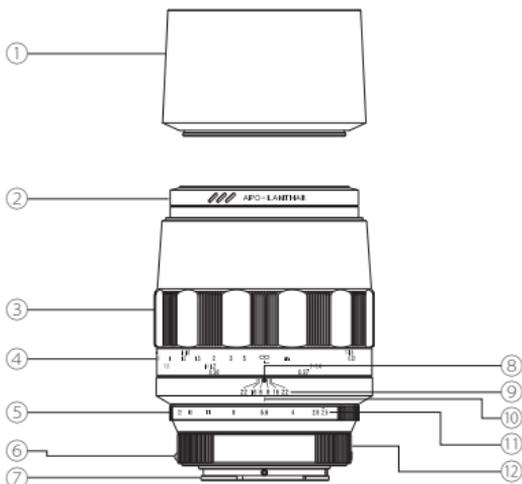
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Never touch the lens surface. In case it is dirty or dusty use commercial lens cleaner or appropriate lens cleaning cloth.

## Description of Parts

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- ① Lens Hood
- ② Filter Ring
- ③ Focus Ring
- ④ Distane Scale/  
Reproduction Ratio Scale  
Ring
- ⑤ Aperture Ring
- ⑥ Mount Index
- ⑦ Mount
- ⑧ Distance Index
- ⑨ Depth of Field Scale
- ⑩ Aperture Index
- ⑪ Aperture Scale
- ⑫ Mount Index Ring



## ● How to attach/detach the lens

Please refer to the instruction manual for your camera for how to attach/detach the lens.

\* Please make sure to set the power of the camera to "OFF".

Please hold Mount Index Ring ② to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

## ● How to attach/detach Lens Hood

Screw the Lens Hood ① to the front of the lens.

If the hood is difficult to unscrew, trying to unscrew it by force makes the hood warped and the situation worse. Please slightly push the rim of the hood towards the lens and then turn it.



## ● Attaching Filter

1. Screw the filter (Ø58mm) to the front of the lens.
2. Screw the Lens Hood ① into the thread of the filter when using the Lens Hood ① together with the filter.

\* Do not screw the filter into the thread of the Lens Hood ①. This may cause vignetting.

## How CPU/Contact works

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### 1. Exif Data

Picture can store the Exif data of lens.

(For example, if you use Voigtländer 110mm F2.5 E-mount)

Lens	E 110mm F2.5 or Voigtlander MACRO APO-LANTHAR 110mm F2.5
	* Description may be changed depending on firmware version or other factors.
Focal length	110mm
Maximum Aperture	F2.5
Aperture	The aperture value you used to take the picture

\* Some camera bodies can not transmit data correctly.

### 2. Lens Correction Data

The lens stores the data for lens correction. You can set Auto Lens Correction on camera bodies;

Fall off	Auto / Off
Chromatic Aberration	Auto / Off
Distortion	Auto / Off

\* On some camera bodies, you can not choose Auto Lens Correction Mode. In that case, a setting depends on the camera.

### 3. Manual Focus Assist

Magnified Live View Image will be seen on the camera's LCD screen when the camera detects the Focus Ring rotation. You can choose duration of the mode by MENU of camera body. Please refer to the instruction manual of your camera.

\* On some camera bodies, you can not use this function.

### 4. Focus Distance Setting

Focus Distance Setting Indication can be seen on the camera's LCD display when the Focus Ring rotation is detected by the camera.

\* Please set "MF Mode" to use this function.

\* On some camera bodies, you can not use this function.

### 5. 5-Axis Image Stabilization

The Macro Apo-Lanthar 65mm F2 E-mount lens is compatible with E-mount cameras with built-in multi-axis Image Stabilization.

## ● Specifications

Product Name	MACRO APO-LANTHAR 110mm F2.5
Focal Length	110mm
Maximum Aperture	F2.5
Minimum Aperture	F22
Lens Construction	12 groups 14 elements
Angle of View	22.6°
Aperture Blade	10
Minimum Focus	0.35m
Macro Ratio	1:1
Filter Size	Ø58mm
Maximum Diameter	Approx. Ø78.4mm
Length	Approx. 99.7mm
Weight	Approx. 771g
Mount	E-mount
Aperture Ring	Available (Manual Setting)(1/3 stop increments)
Electric Contact	Available
Manual Focus Assist	Available
Exif Data	Available
Auto Lens Correction	Possible
5-Axis Image Stabilization	Possible * only on camera body with 5-Axis Image Stabilization
Supplied Accessory	Front Cap, Rear Cap, Lens Hood, Hood Cap

\* Specification and information is subject to change without prior notice.