



# **APO-LANTHAR 35mm F2 Aspherical E-mount**

INSTRUCTION MANUAL

Voigtländer E-mount lenses are designed for use on E-mount camera bodies. The Lens covers 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, Depending on the specification of the camera it will also give data for Auto-lens-correction, 5 axis-Image Stabilization as well as Manual-Focus Assist.

Aperture selection is in 1/3 stop increments.

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

- Built-in CPU
- Covers Full Frame in E-mount camera bodies
- Lens Construction Design for Digital Sensors
- 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 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.

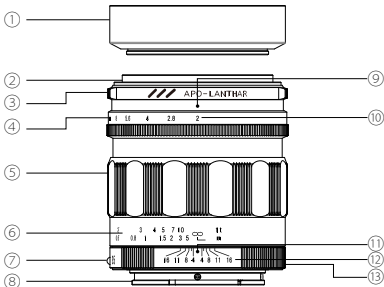
---

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

## Description of Parts

---

- ① Lens Hood
- ② Filter Ring
- ③ Aperture Control Ring
- ④ Aperture Ring
- ⑤ Focus Ring
- ⑥ Distance Scale
- ⑦ Mount Index
- ⑧ Mount
- ⑨ Aperture Index
- ⑩ Aperture Scale
- ⑪ Distance Index
- ⑫ Depth of Field Scale
- ⑬ Depth of Field Ring



## ● How to attach/detach the lens

Please refer to the instruction manual for your camera for how to attach or detach the lens to or from the camera mount.

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

Please hold Depth of Field Ring ③ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

## ● Attaching Lens Hood

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

If the hood is difficult to unscrew, trying to unscrew it with too much force may make the hood warp and then the situation will be worse. Please only slightly press the rim of the hood towards the lens when you turn it.



## ● Attaching Filter

1. Screw the filter (Ø49mm) 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.

## ● Selective Aperture Control System

You may choose two modes – with or without Click Stops - on the Aperture Control Ring.

1. Push the Aperture Control Ring ③ towards the Aperture Ring ④ .
2. Turn the Aperture Control Ring ③ 180 degrees.
3. Make sure to align the 2 indexes ⑨ and ⑩ .

\* If the white mark on the Aperture Control Ring ③ is in line with the indexes, the lens is in Click Stop-mode. The yellow mark indicates the clickless-mode.

## How CPU/Contact works

---

### 1. Exif Data

Picture can store the Exif data of lens.

(For example, if you use Voigtländer 35mm F2 E-mount)

Lens	Voigtlander APO-LANTHAR 35mm F2 Aspherical
------	---

\* Description may be changed depending on camera's firmware version or other factors.

Focal length	35mm
--------------	------

Maximum Aperture	F2
------------------	----

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.

\* Please set "MF Mode" to 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 APO-LANTHAR 35mm F2 Aspherical E-mount lens is compatible with E-mount cameras with built-in multi-axis Image Stabilization.



## ● Specifications

Product Name	APO-LANTHAR 35mm F2 Aspherical
Focal Length	35mm
Maximum Aperture	F2
Minimum Aperture	F16
Lens Construction	9 groups 11 elements
Angle of View	62.2°
Aperture Blade	12
Minimum Focus	0.35m
Macro Ratio	1:6.46
Filter Size	Ø49mm
Maximum Diameter	Approx. Ø62.6mm
Length	Approx. 67.3mm
Weight	Approx. 352g
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

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

## ● Specifications

5-Axis Image Stabilization	Possible * only on camera body with 5-Axis Image Stabilization
Others	Selective Aperture Control System
Supplied Accessory	Front Cap, Rear Cap, Lens Hood, Hood Cap

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