



**PORTRAIT HELIAR 75mm F1.8**  
**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 specifications 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 for lens communication with body
- Covers Full Frame on E-mount camera bodies
- Optical design optimized for Digital Sensors
- All Metal Lens Barrel for long life
- Smooth Manual Focusing for Precise focus

## 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.

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**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.

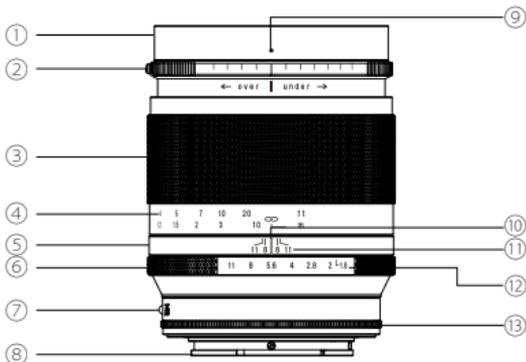
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Never touch the lens surface. In case it is dirty or dusty use commercial lens cleaner or appropriate lens cleaning cloth.

## Description of Parts

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- ① Filter Ring
- ② Spherical Aberration Control ring
- ③ Focus Ring
- ④ Distance Scale
- ⑤ Depth of Field Ring
- ⑥ Aperture Ring
- ⑦ Mount Index
- ⑧ Mount
- ⑨ Control Ring Index
- ⑩ Distance/Aperture Index
- ⑪ Depth of Field Scale
- ⑫ Aperture Scale
- ⑬ Mount Index 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 Mount Index Ring ③ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

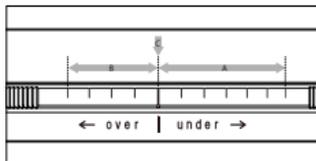
## ● Attaching Filter

Screw the filter (Ø62mm) to the front of the lens.

## ● How to operate the spherical aberration control ring

The spherical aberration of this product can be arbitrarily controlled by rotating the spherical aberration control ring ②.

1. When the control ring index ⑨ is within the range of "A", under-correction is performed.
2. When the control ring index ⑨ is within the range of "B", over-correction is performed.
3. If the control ring index ⑨ is in position "C" with a click, the normal position is selected.



## 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 75mm F1.8)

Lens	Voigtlander PORTRAIT HELIAR 75mm F1.8
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\* Description may be changed depending on camera's firmware version or other factors.

Focal length	75mm
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Maximum Aperture	F1.8
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Aperture	The aperture value you used to take the picture
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\* 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
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Chromatic Aberration	Auto / Off
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Distortion	Auto / Off
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\* 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 PORTRAIT HELIAR 75mm F1.8 E-mount lens is compatible with E-mount cameras with built-in multi-axis Image Stabilization.

## ● Specifications

Product Name	PORTRAIT HELIAR 75mm F1.8
Focal Length	75mm
Maximum Aperture	F1.8
Minimum Aperture	F11
Lens Construction	3 groups 6 elements
Angle of View	33.2°
Aperture Blade	9
Minimum Focus	0.7m
Macro Ratio	1:7.4
Filter Size	Ø62mm
Maximum Diameter	Approx. Ø70.0mm
Length	Approx. 88.0mm
Weight	Approx. 560g
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	Spherical Aberration Control ring <sup>*1</sup> <sup>*2</sup> <sup>*3</sup>
Supplied Accessory	Front Cap, Rear Cap

\*1 Turning the spherical aberration control ring changes the aberration and the focus position, so check focus after adjusting spherical aberration.

\*2 Turning the spherical aberration control ring changes the f-stop (within 1/3 EV), so check exposure after adjusting spherical aberration.

\*3 Turning the spherical aberration control ring to the under side will reduce the peripheral light intensity. Adjust the correction amount or retouch the image after shooting.

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