Features

- The ED300mm f2.8 is a lens with high imaging capability, designed exclusively for use with Olympus FOUR THIRDS single-lens-reflex digital cameras.
- Dustproof and drip-proof construction.
- Super-telephoto lens corresponding to a 600 mm lens for a 35 mm camera.
- F2.8 high-quality lens with 13 elements in 11 groups including three ED (extra-low dispersion) glass elements.
- Can be used in combination with the optional EC-14 teleconverter.
- Can be used in combination with the optional EX-25 extension tube for low-magnification shooting (between 0.08X and 0.25X).

Contents

- Checking the Package Contents ................................................................. 13
- Nomenclature .......................................................................................... 14
- Attaching the Lens Strap ........................................................................ 14
- Attaching the Lens Case Strap ............................................................... 14
- Attaching the Lens Hood LH-120 ............................................................ 15
- Filters ....................................................................................................... 15
- Mounting a Filter .................................................................................... 16
- Focus Limit Switch ................................................................................ 17
- Focus Stop Buttons ................................................................................ 17
- Shooting Cautions ................................................................................ 17
- Attaching the Lens Cap LC-140 ............................................................... 17
- Precautions: Be Sure to Read the Following ....................................... 18
- Main Specifications ............................................................................... 19
Checking the Package Contents

- Lens body
- Lens Hood LH-120
- Lens Case LSH-1738
- Drop-In Filter Holder DFH-43/
  Standard Clear Filter SCF-43
  (Mounted on the lens body at the factory)
- Filters (ND4-43, ND8-43)
- Drop-In Circular PL Filter DPF-43
- Filter Case FSC-1
- Lens Cap LC-140
- Lens strap
Attaching the Lens Strap

Pull the end of the strap at least 5 cm away from the buckle.

Attaching the Lens Case Strap

Pull the end of the strap at least 5 cm away from the buckle.
Attaching the Lens Hood LH-120

* Before mounting the lens hood on the lens or before storing them, loosen the mounting screw until it stops.

<When mounting>

![Mounting screw](image)

Mounting claws

Fit the claws inside the lens hood securely into the grooves in the hood mounting section and then tighten the mounting screw.

<When storing>

![Mounting screw](image)

After putting the hood on the lens as shown, fit the claw inside the lens hood securely into the grooves in the hood mounting section and then tighten the mounting screw.

Filters

The lens comes with the following filters.

1. Standard clear filter SCF-43 .... Always mount this filter when not using any of the other filters.

2. ND4-43 .............................. Decreases the amount of light entering the lens by 1/4.

3. ND8-43 .............................. Decreases the amount of light entering the lens by 1/8.

4. Drop-in PL filter DPF-43
   This filter eliminates surface reflected light. The amount of reflected light eliminated can be adjusted with a rotary lever.
Mounting a Filter

1. ND4-43/ND8-43

① Remove the SCF-43 clear filter from the filter holder and attach the ND4-43 or ND8-43 to the filter holder.
  • The DPF-43 drop-in PL filter should not be used with the filter holder.

② Insert the filter holder in the lens’s mounting section.

③ Firmly push the filter holder in until it clicks.
  • After mounting the filter holder, make sure that it does not come off.

■ Notes:
  If the filter holder is improperly mounted, it may come off. In this case, the unit’s dust and drip resistance may be compromised.

④ When detaching the filter holder, push and hold the detach button and pull out the filter holder.

2. Drop-in PL filter DPF-43

① Attach the DPF-43 drop-in PL filter to the lens body so that the ▲ is pointing to the front.
  • Push the filter in until it clicks.

② Rotate the rotary lever to adjust the level of surface reflection elimination.
Focus Limit Switch

This switch limits the autofocus range to speed up focusing in each range. Select the optimum mode according to the shooting distance.

- Close-up shooting: Autofocus is performed between 6 meters and 2.4 meters.
- Normal shooting: Autofocus is performed from $\infty$ (infinity) to 2.4 meters.
- Distant shooting: Autofocus is performed from $\infty$ (infinity) to 6 meters.

Focus Stop Buttons

- By holding down one of the focus stop buttons, you can deactivate autofocus operation and fix focus at the point where the button was pressed.
- Four buttons are provided. All have the same effect.

Shooting Cautions

- Be sure to attach the hood when shooting against the light.
- When two or more filters are used or a thick filter is used, part of the picture may be cut off or obscured.

Attaching the Lens Cap LC-140
Precautions: Be Sure to Read the Following

**Warnings: Safety Precautions**
- Do not view the sun through the lens.
- Do not leave the lens without the cap. If solar light is converged through the lens, a fire may result.
- Do not point the camera lens at the sun. Sunlight will converge in the lens and focus inside the camera, possibly causing a malfunction or fire.

**Handling Precautions**
- Working temperature range
- Abrupt temperature changes
- Do not put the lens with its contacts facing down.
- Too much pressure
- Do not touch the lens.
- Submergence
- Do not touch the contacts.
- Do not drop
- Organic solvents
- Excessive moisture
- Magnetism
- Do not hold the camera by the section of the lens extruded by the focusing operation.

**Storage Precautions**
- Cap the lens when it is not used.
- Lens cleaning tissue or soft cloth
- Lens cleaning
- Moth repellents
- If you experience any problems, contact your nearest Olympus service center.
### Main Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mount</td>
<td>Four Thirds mount</td>
</tr>
<tr>
<td>Focal distance</td>
<td>300 mm</td>
</tr>
<tr>
<td>Max. aperture</td>
<td>f2.8</td>
</tr>
<tr>
<td>Image angle</td>
<td>4.2°</td>
</tr>
<tr>
<td>Lens configuration</td>
<td>13 elements in 11 groups</td>
</tr>
<tr>
<td></td>
<td>Multi-layer coating (partial single-layer coating)</td>
</tr>
<tr>
<td>Iris control</td>
<td>f2.8 to f22</td>
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<tr>
<td>Shooting range</td>
<td>2.4 m to ∞ (infinity)</td>
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<tr>
<td>Focus adjustment</td>
<td>AF/MF switching</td>
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<tr>
<td>Weight</td>
<td>3290 g (excluding hood and cap)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Max. dia. ø127 x Overall length 285 mm</td>
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<tr>
<td>Lens hood mount</td>
<td>Covering</td>
</tr>
<tr>
<td>Filter mount thread diameter</td>
<td>112 mm</td>
</tr>
</tbody>
</table>

*Design and specifications are subject to change without any notice or obligation on the part of the manufacturer.*

[Diagram of lens configuration]
Technical Support (USA)
24/7 online automated help: http://www.olympusamerica.com/E1
Phone customer : Tel.1-800-260-1625 (Toll-free)
Our phone customer support is available from 8 am to
10 pm (Monday to Friday) ET
E-Mail : e-slrpro@olympusamerica.com

European technical Customer Support
Please visit our homepage http://www.olympus-europa.com
or call NUMBER : Tel.00800-67 10 83 00 (Toll-free)
+49 1805-67 10 83 or +49 40-23 77 38 99 (Charged)