

Thank you for purchasing SEA&SEA products. Please read this instruction manual carefully prior to using this product. Only with a thorough understanding of this manual's content will you be able to use the product correctly. After reading the manual, please be sure to keep it in a place where you can easily come back to it at any time.

Precautions

Failure to heed the precautions listed below could result in serious consequences. To prevent injury or damage to yourself and/or others, please observe the precautions as they contain highly important information related to personal and product safety.

CAUTION Situations that could result in property damage or personal injury.

CAUTION

- Carefully observe the instruction manual for the compatible lens for this product before use.
- This product includes an O-ring (divided into pieces) for interlocking the lens and the gear. In some cases, the interlocking may be too tight or loose when attaching the gear, due to deviation in the lens diameter.

① When too tight

Remove all the O-rings from the inside groove of the gear and cut them into half length. Place them back into the O-ring groove (spaced them in equal distance to provide even grip)

* Using force to attach the zoom gear to the camera lens may result in damaged to the lens.

② When too loose

Remove all the O-rings from the inside groove of the gear and replaced this with the optional O-ring as supplied with the gear unit. Cut this O-ring and replace this onto the O-ring groove (cut off the excess length to fit into the groove area)

If the gear feels too tight to attach to the lens, follow the above

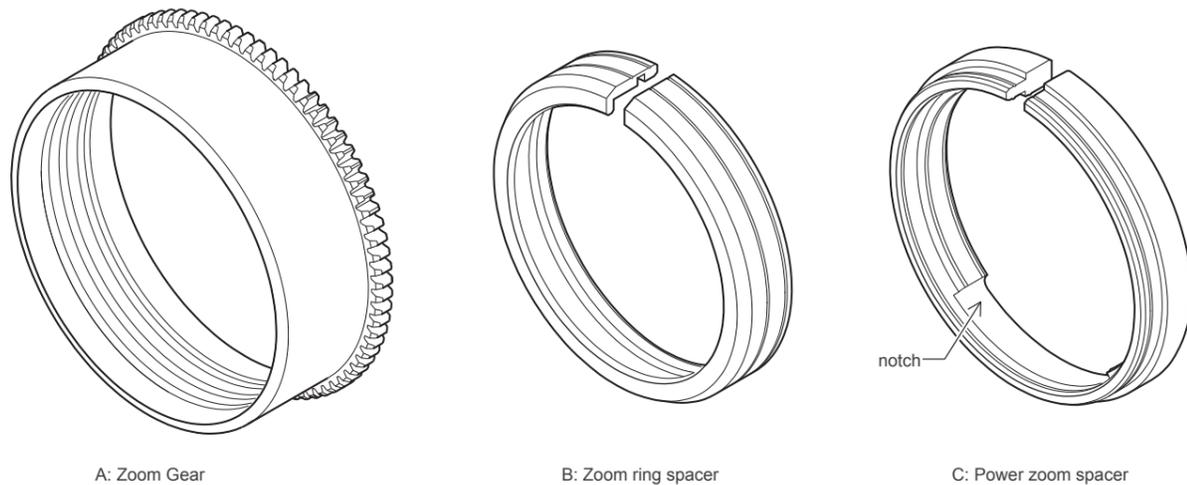
instruction ①.

Should the gear feels too loose, use the optional gear sheet as supplied with the gear. Cut this gear sheet into 3 to 6 pcs and place them over the O-ring groove to provide better grip.

- Always make sure that the gear and the lens work properly after adjustment.
- SEA&SEA SUNPAK Co., Ltd. will not be responsible for the replacement or compensation for cameras, lenses or those accessories damaged due to your invalid operation.
- SEA&SEA SUNPAK Co., Ltd. assumes no liability for compensation of loss of captured images or expenses caused by loss of images, even if you are unable to shoot due to a product defect or malfunction.
- SEA&SEA SUNPAK Co., Ltd. assumes no liability for errors or discrepancies in this manual.

Zoom Gear

- Focus/Zoom control on the housing controls zooming with (optional) zoom gear when using SEA&SEA Sony Mirrorless interchangeable-lens camera housings.
- The zoom gear and zoom ring spacer should be attach or detach while the lens is attached to the camera.
- Zoom ring or power zoom on the lens can be controlled by using either spacer.
- Zoom ring spacer and power zoom spacer cannot be used together.



CAUTION

- When using this product, you cannot shoot with manual focus. Please shoot with auto focus.

Specifications

Construction	Zoom Gear: Corrosion-resistant aluminum alloy Spacer: POM Black	Dimension(DIA×D)	Approx. 82×27mm / 3.2×1.06inch
Weight	Approx. 52g / 1.83oz	Accessories	Spacer × 2 · Instruction Manual · Gear sheet(stick-on) × 2 · O-ring × 3

* The specifications and appearance are subject to change without notice.

How to Attach to the Lens

Mounting

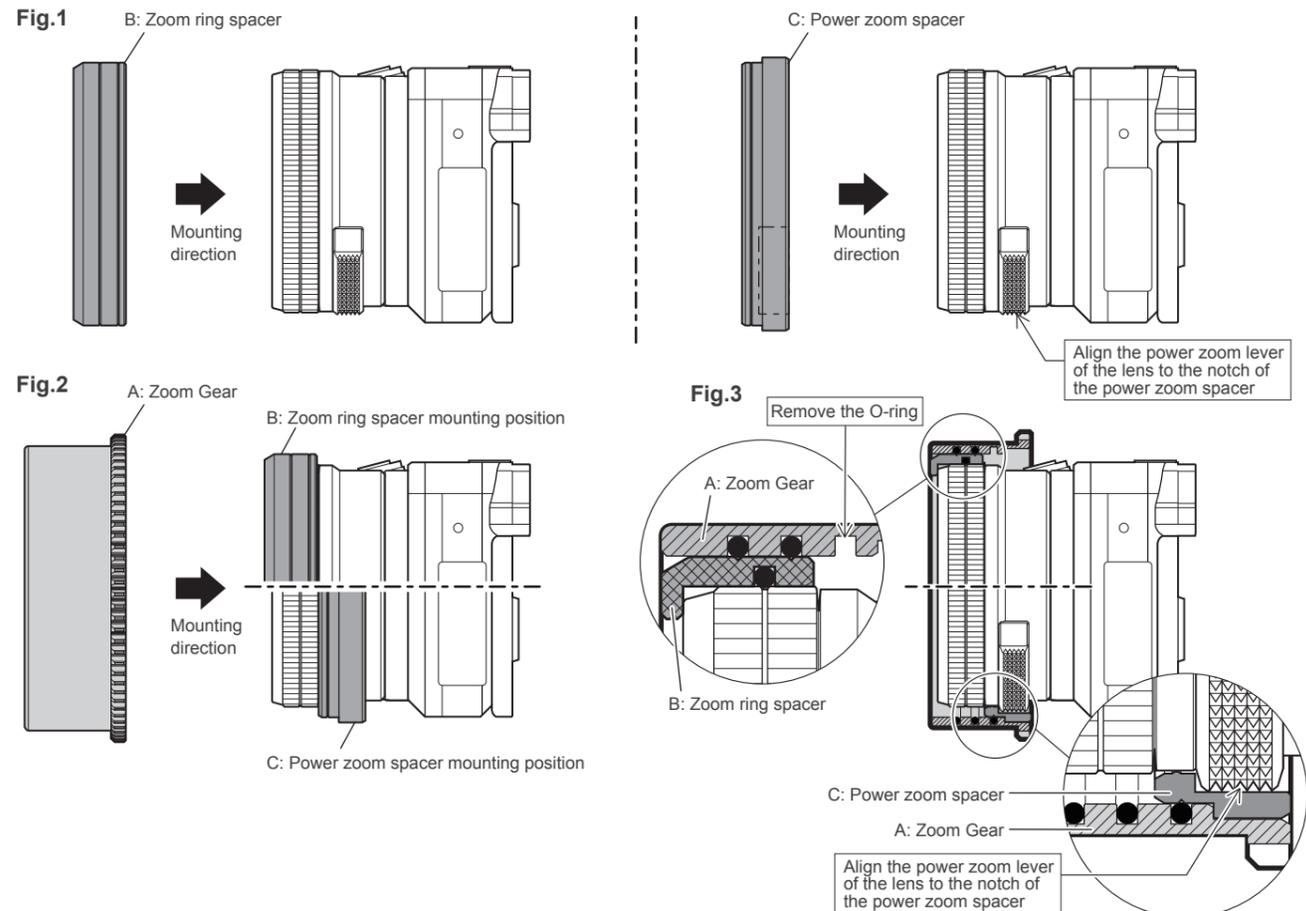
1 Insert spacer onto the lens and move spacer to the front of the lens to align with the red line shown on the lens.

- Please make sure to insert the spacer from the back of the lens (Fig.1)
- Push the spacer down as far as it will go. (Fig.2/3)

2 Now attach Zoom Gear to the lens and move in parallel alignment to the spacer focus gear should go over the spacer as shown in Fig.2

- Please make sure to insert the Zoom Gear from the back of the lens (Fig.2)
- Push the Zoom Gear down as far as it will go. (Fig.3)
- Refer to the housing instruction manual for mounting the camera in the housing.
- After mounting the camera in the housing, always try operating the focus/zoom dial on the housing to make sure that the lens works smoothly and properly with the gear attached.

* If the gear is not properly attached to the lens or is out of parallel alignment, the zoom operation may not work properly.



Removing

1 To remove zoom gear from the camera. Using both thumb to hold onto the camera lens (as shown in diagram A) and gently use your fingers to pull the zoom gear straight out (as shown in diagram B)

- Care should be taken when removing zoom gear from the camera as using force may caused damaged to the lens or the lens mount.

CAUTION

- Ensure that the O-ring pieces inside the gear do not come out of the grooves when detaching the gear from the lens.

