

## Canon EF16-35mm F2.8L USM Zoom Gear

31114

## Instruction Manual

Thank you for your 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 housing 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.

**Note:**

The appearance of color evenness or weld lines on the external body of the product is normal and will not affect its performance.

**Safety 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 of the O-ring pieces from inside the gear and cut them shorter with scissors. Re-insert these pieces into the groove inside the gear, providing ample space between the pieces. Adjust the length of the O-ring pieces for appropriate tightness.

\* Do not force the lens into the gear when the interlocking is too tight, because this may result in damage to the lens.

**② When too loose**

Replace the O-ring with the thicker O-ring that was also supplied with this product. If it becomes too tight with the thicker O-ring, adjust the interlocking tightness as explained above ①. If it is still too loose, use the gear sheet which is included in the package. Cut the sheet into 3 to 6 pieces with scissors, and apply them beside the groove inside the gear.

\* The thicker O-ring may not be compatible with some lenses due to size restrictions. In this case, adjust the tightness by following the above procedure ① and using the gear sheet included in the package.

- 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.
- Specifications and appearance are subject to change without notice.

**Zoom Gear**

- This product is designed to make lens zooming possible utilizing the focus/zoom dial on SEA&SEA digital SLR camera housings.

**CAUTION**

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

**How to Attach to the Lens**

1

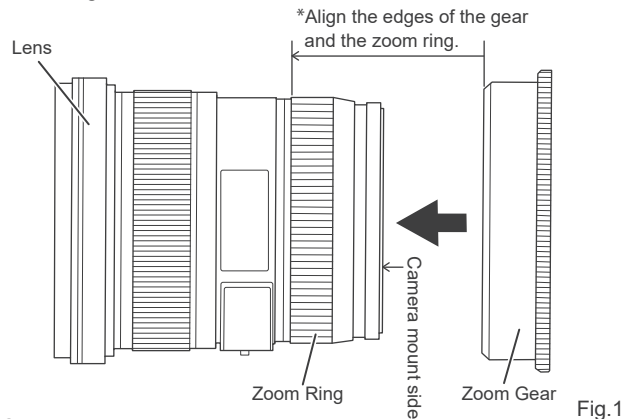
**Set the focus mode switch on the lens to "AF" position**

- Refer to the lens instruction manual for setting of the focus mode switch.

2

**Set the focus mode switch on the lens to "AF" position**

- Slide the gear forward until it completely covers the zoom ring on the lens.



3

**Mount the lens, with the gear attached, to the camera, and then mount the camera in the housing**

- 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.

**CAUTION**

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

**Specifications**

Construction	Corrosion-resistant aluminium alloy
Weight	Approx. 60g / 2.1oz
Dimensions(DIA×H)	Approx. φ88×23mm / 3.5×0.9inches
Accessories	Gear sheet, O-ring, Instruction manual

\* Specifications and appearance are subject to change without notice.

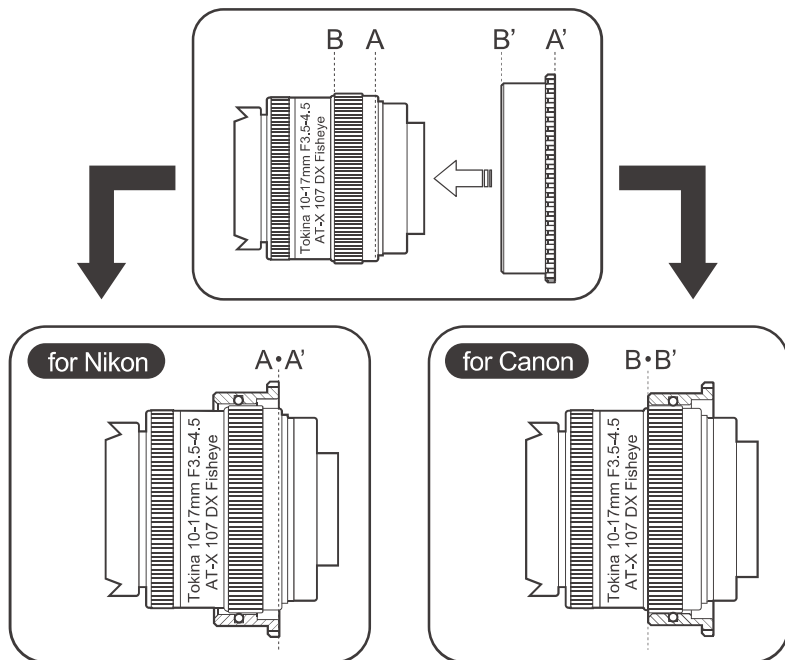
# Canon EF16-35mm F2.8L USM Zoom Gear

## Compatibility with Tokina AT-X 107 DX Fisheye Lens

- This product (31114) is compatible with Tokina AT-X107 DX Fisheye 10-17mm F3.5-4.5 lens (both Nikon / Canon mount).
- Carefully read PRECAUTIONS in the instruction manual for this product before use.
- Ensure the positioning of the product after setting, and confirm that the lens functions well before shooting underwater.

## Mounting Instruction

- Slide the zoom gear straight onto the lens as shown below. Make sure the edge of the gear (A' for Nikon / B' for Canon) is set at the correct position (A for Nikon / B for Canon) of the lens.
- If the zoom ring rubber of the lens sags, remove the gear from the lens and set again.
- \* Make sure the gear and the gear for focus/zoom dial inside the housing is properly engaged before use.
- \* If it is too loose, use the gear sheet which is included in the package. Cut the sheet into 3 to 6 pieces with scissors, and apply them beside the groove inside the gear.



# Canon EF16-35mm F2.8L USM Zoom Gear

## Compatibility with SIGMA 15mm F2.8 EX DG DIAGONAL FISHEYE (for Nikon mount)

- This product (31114) is compatible with the Focus Gear of SIGMA 15mm F2.8 EX DG DIAGONAL FISHEYE lens (for Nikon mount). This product is designed for manual-focus operation possible utilizing the focus/zoom dial on SEA&SEA digital SLR camera housings.
- Carefully read PRECAUTIONS in the instruction manual for this product before use.
- Ensure the positioning of the product after setting, and confirm that the lens functions well before shooting underwater.

## Mounting Instruction

- Set the focus mode switch on the lens to "M" position.
  - Slide the zoom gear straight onto the lens as shown below. Make sure the edge of the gear (A) is set at the correct position (B) of the lens.
  - 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 manual-focus operation may not work properly.
- \* Refer to the lens instruction manual for setting of the focus mode switch.
- \* Make sure the gear and the gear for focus/zoom dial inside the housing is properly engaged before use.

