

## Dual Sync Cord / N

03470

## Instruction Manual

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 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:

This products have passed SEA&SEA's criteria-based inspection for pressure resistance.

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

- Unauthorized disassembling and/or modification could result in malfunction or flooding, and void product warranty. Take the product to a SEA&SEA authorized service center for repair or inspection.
- Do not open the product in a wet or sandy environment. Protect the interior from moisture and debris in order to prevent malfunction or flooding.
- Do not rest heavy weight on the product. It might deform the outer casing, damage internal parts, make the waterproofing fail, or result in fire or electric shock.
- Do not short the cord connector contacts with metal obstacles. It might cause malfunction.
- When unplugging the cord connector, pull it out by grasping the connector case. Pulling the cord might cause malfunction.
- Do not carry the camera or housing by holding the accessories such as cable, strobe, etc. Heavy components may fall and cause damage or injury.
- Do not leave the product in places with hot temperatures such as inside of a car or in a car trunk in summer. If the product is sealed tight in hot conditions, heated air expanding inside the product may deform the casing and ruin the waterproofing.
- Do not store the product in wet or high humidity place, to avoid mold, rust, corrosion or malfunction.
- Always dry the product using a soft cloth to prevent stain or salt residue from marring the glass surface.
- 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 image 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.

## Precautions on Handling the O-ring

This product is kept watertight by the O-ring. To keep the O-ring functioning properly, please observe the following. Improper handling of the O-ring could cause flooding.

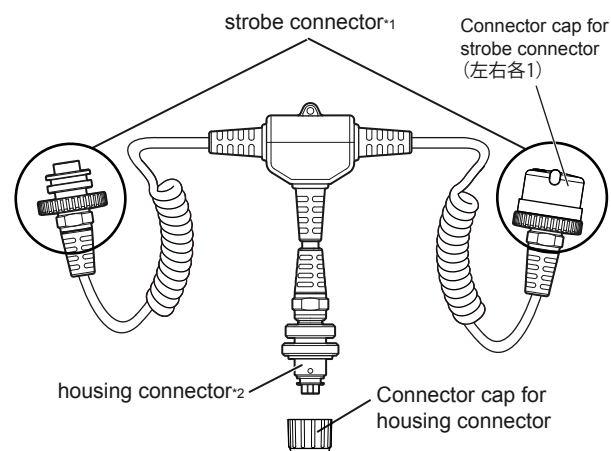
## CAUTION

- SEA&SEA products use blue O-rings. These O-rings are impregnated with silicone oil through a special process. The lubricating effect of the O-ring lasts as long as the silicone oil is gradually seeping out from within.
- For the maintenance of these blue O-rings, make sure to use genuine SEA&SEA silicone grease (O-ring grease for use with the blue O-rings that comes in tubes with blue lettering and blue caps). If you use silicone grease from other companies or SEA&SEA's own silicone grease that comes in tubes with black lettering and black caps, the grease you apply will be sucked into the blue O-rings due to their special characteristics, which will result in insufficient grease. If this happens even once, the O-ring will not revert to its normal state and must be replaced.
- If the grease is insufficient, the O-ring will not slide, and it will become harder to open and close the waterproof parts. Because of this, it could become impossible to open or close the housing or it could cause flooding, so please refrain from using the housing with insufficient grease.

## Maintenance and Storage

- Never use chemicals, cosmetics, any petroleum solvents such as paint thinner, or neutral detergent on the product. They may deform and damage the product.
- After each use in salt water, make sure it's watertight, then soak it sufficiently in fresh water.
- Insufficient soaking causes damage by salt to the product. Salty residue may be left on the product where it will crystallize as it evaporates. Crystallized salt is hard to dissolve and difficult to be removed once formed, and it will result in water leakage.
- After rinsing, dry the product well with a soft dry cloth, then let the product dry in the shade, out of direct sunlight.
- Do not dry the product by heating (using a hair dryer, for example). Heating can deform and damage the product.
- If you will not use the product for an extended period of time, store it away from high temperatures, high humidity, direct sunlight, or extreme cold.
- Do not store the product with naphthalene or camphor mothballs, or in locations such as a laboratory where chemicals are used. This environment can cause mold, rust, corrosion or malfunction.
- After using the product, maintain the O-rings before storing. Examine the O-rings before and after each dive. We recommend early exchange of the O-rings, at least once a year.

## Identification of Parts



- \*1 Connecting with the strobe's connector.  
\*2 Connecting with the housing's strobe bulkhead.

## Dual Sync Cord

This product has been designed for TTL photography using two strobes flashing simultaneously.

## CAUTION

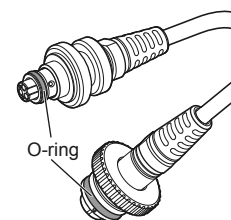
- After the strobe is connected to the housing, make sure to check that the connected strobe functions correctly before underwater use.
- Before shooting, make sure that each strobe is turned on and the ready lights have illuminated.

## Preparation for Setting Up

## Maintaining the O-ring

To keep the O-ring functioning properly, please observe the following before setting up.

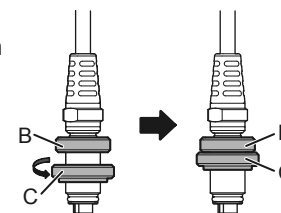
- Make sure to remove the O-ring when maintaining.
- For detailed O-ring maintenance methods, please see the O-ring maintenance manual.
- Although it depends on how often it is used and how it is stored, an O-ring generally lasts for one year. Replace the O-ring every year for the best performance of the product.



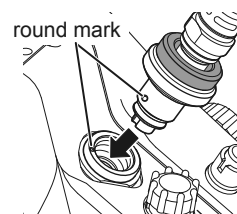
## Attaching and Detaching

## Attached

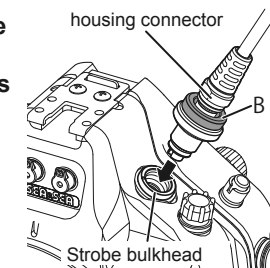
- Remove this product connector cap
- Make sure there are no scratches or debris on the O-ring of each connector
- Before inserting the housing connector, turn the part C, till B



- Align the round mark (or the notch on the tip) of the housing connector with the round mark (or the convex part inside) of the strobe bulkhead, and then push it straight in

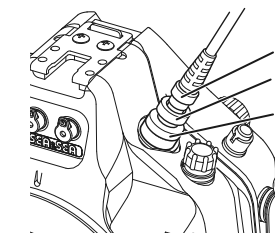


- Rotate the B part of the housing connector clockwise until it stops



- Rotate the C part of the housing connector clockwise until it stops

- C is a nut of the prevention of loose.
- Tighten it securely.



## CAUTION

- When assembling the product with camera and strobes, avoid bending, twisting or applying stress to the sync cord. This could result in equipment malfunction and/or flooding.

## Detaching

- Loosen C first, then B, and then pull the housing connector straight out holding onto A

## CAUTION

- When attaching the Strobe, always refer to the instruction manual provided.
- Do not touch the connector's contact pins with fingers or contaminate the pins with silicone grease. If contaminated accidentally, clean the pins by a soft cloth.
- After use underwater, make sure to prevent water droplets from dripping into the bulkhead connector by wiping moisture away from the bulkhead connector and then turning the housing upside down and extracting the dual sync cord. In the event that water droplets do drip into the connector, promptly wipe away all moisture.
- Do not rotate the A part when connecting/removing the dual sync cord as doing so may cause malfunction due to a wiring disconnection.

## Specifications

Construction	Polyvinyl chloride, Corrosion-resistant aluminium alloy
Depth rating	100m
Weight	Approx.250g / 8.8oz
Accessories	Instruction Manual, <b>Attached accessories to the product :</b> Connector cap for camera/housing connector Connector cap for strobe connector

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

SEA&amp;SEA

SEA&SEA SUNPAK Co., Ltd.  
1-4-6 Kitasenzoku, Ohta-ku, Tokyo  
Japan 145-0062 TEL.+81-3-5701-5533  
**World Customer Service Center**  
TEL.+81-48-255-8512

http://www.seaandsea.jp

(Current as of Apr.2015)