

Fantasea Nano Fiber Optic Cable Kit

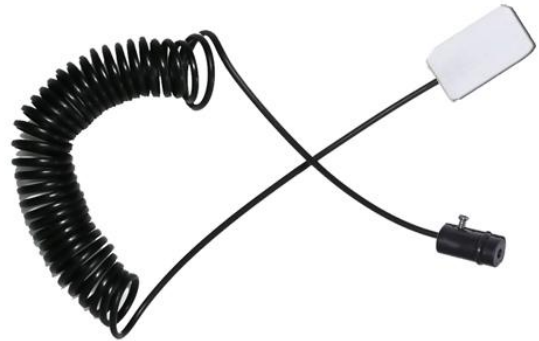
(Cat. No. 6315)

Instruction Manual

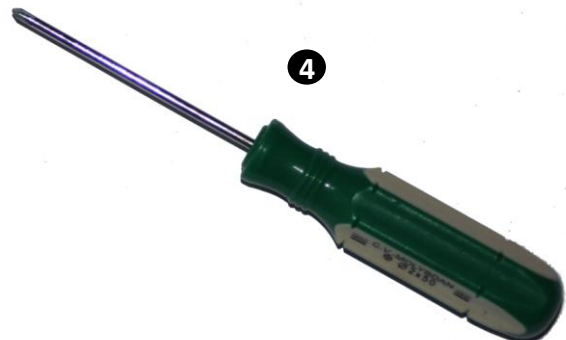
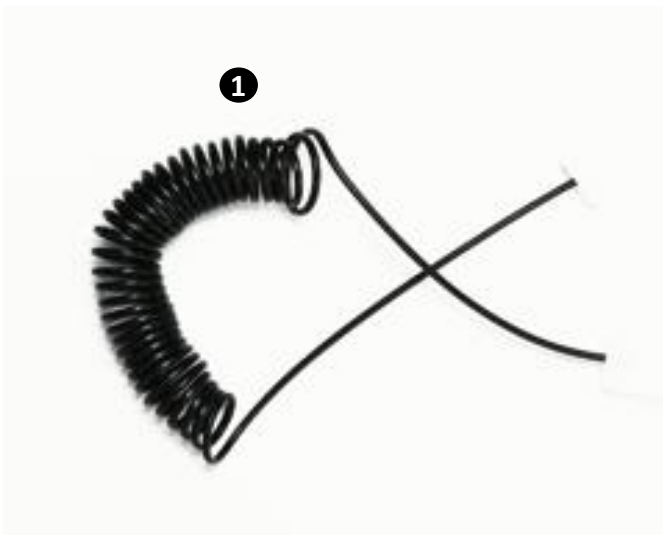
Introduction

Most underwater slave strobes are capable of synchronizing with the camera internal flash without any cables under certain diving conditions. They feature a slave sensor that triggers the strobe to fire in sync with the camera internal flash, as long as the strobe and the camera are positioned on the same axis and as long as there is not much ambient light available. However, if the strobe slave sensor isn't pointed directly at the camera internal flash, or when photographing during daylight, in clear water and bright conditions, the slave sensor might fail recognizing the output of the camera internal flash.

Connecting the **Nano Fiber Optic Cable** between the camera internal flash and the slave strobe ensures full synchronization in all angles and diving conditions.



Identification of Nano Fiber Optic Cable Kit Parts



- ① Nano Fiber Optic Cable
- ② Velcro Strips
- ③ Nano Adaptor
- ④ Screwdriver

Instructions for Use

1. Attaching the Fiber Optic Cable to the Slave Strobe

- a. The fiber optic cable consists of two ends: One is attached to a white plastic fitting (flat white plastic at the end of the cable with Allen screw inside), and the other is loose (figure A).

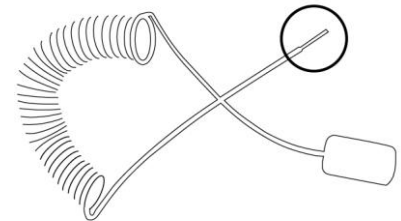


Figure A

Insert the exposed end of the fiber optic cable (the end without the fitting) into the small hole of the adaptor unit, starting from the end that features a screw and pushing it towards the end that features an O-ring, until the fiber optic cable reaches the end of the adaptor.

- b. Use the tool you have received with your fiber optic cable kit in order to tighten the screw on the adaptor. Tighten it enough to stabilize the fiber optic cable inside the adaptor, but don't tighten it too strongly. **Tightening the screw too much might damage the fiber optic cable.**
- c. Carefully but firmly insert the black adaptor inside the proper fitting in front of the strobe's slave sensor.

If attaching the fiber optic cable to the **Fantasea Nano Flash** (Cat. No. 6115), install the black and clear plastic diffuser cover on the Nano Flash Housing, if it isn't already assembled. Insert the black adaptor inside the lower right grommet (the one with the wider hole) of the black diffuser cover, so that the adaptor screw doesn't get in its way. Insert it all the way to the end, and do not use force once you encounter any resistance (figure B).

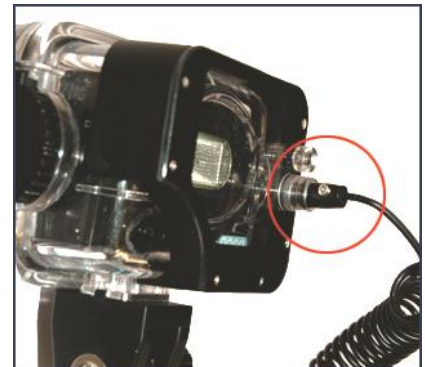


Figure B

2. Attaching the Fiber Optic Cable to the Camera Housing

- a. If attaching the Fiber Optic Cable to a Fantasea FP7000 Housing or any other housing that features a dedicated fiber optic cable attachment configuration (figure C), please refer the housing instruction manual for specific instructions regarding attaching the fiber optic cable to the camera housing.

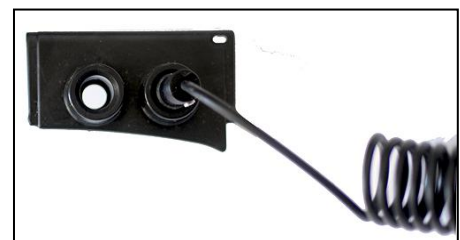
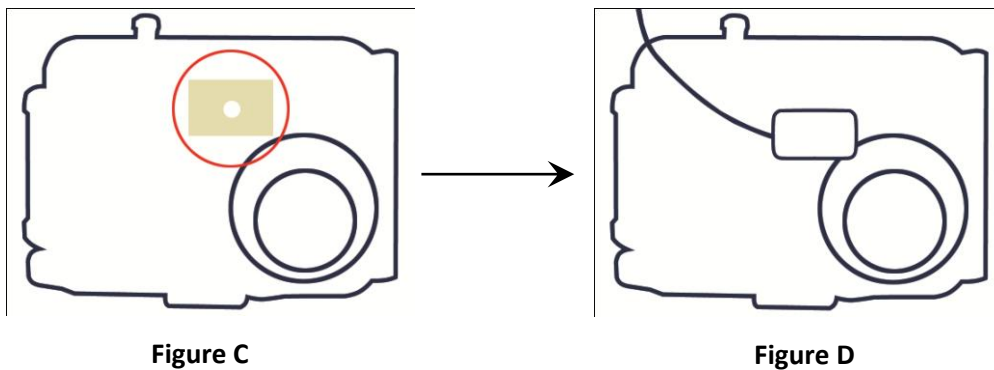


Figure C

If attaching the Fiber Optic Cable to any other standard camera housing, please follow the instructions below.

- b. The other end of the fiber optic cable attaches outside of the camera housing - opposite the camera internal flash - by using both sides of the Velcro strip included in the kit. The white plastic fitting normally comes with the Velcro tape attached and therefore you are only required to apply the other side of the Velcro strip on the housing to receive it (figures C and D). If your housing features a built-in flash diffuser, the Velcro strip should be attached beneath it, directly to the housing. If possible, place the Velcro strip between the built in flash diffuser and the housing, positioned opposite the internal flash of the camera.



- c. It is preferable to totally block out the internal flash of the camera after attaching the camera side of the cable by applying black electrical tape over the fiber optic connector attached to the housing case. This effectively achieves two things: it diminishes the effects of backscatter, as well as eliminates any shadowing effect caused by lens accessories mounted on the housing lens port. Removing the built-in flash diffuser will have no affect on lighting.
- d. Follow the instructions on your strobe manual in order to synchronize your camera with the external strobe. Please note that each digital camera features a different number of pre-flashes, which requires the strobe pre-flash mode to be selected accordingly. It is recommended to test the synchronization when photographing opposite a mirror. In this case, the output of both flash units (the camera and the slave) should be visible in the test shot taken.

3. Care & Maintenance

- a. After each dive, carefully soak and rinse exterior components in fresh water.
- b. Store the Nano Fiber Optic Cable in a protected, dry and shaded area.
- c. In some cases, after using the fiber optic cable frequently or for a long period, you might encounter a decrease in performance. You can easily solve this problem by cutting 1 cm/0.3 inch off the fiber optic cable ends, using a



sharp tool and performing a very straight angled cut. This allows you to remove any worn ends and to expose a new portion of the cable.

Fantasea Products Consumer Limited Warranty

“Fantasea” warrants this Fantasea Line branded product against defects in materials and workmanship under reasonable use for a period of ONE (1) YEAR, (two years, where required by law as determined by the origin of the authorized dealer). This warranty is effective from the date of retail purchase from Fantasea or an authorized Fantasea dealer, by the original end-user purchaser (“Warranty Period”). This warranty does not cover any commercial use of the product. If a product defect arises and a valid claim is received within the Warranty Period, at its option, Fantasea, or its authorized service facilities will either (1) repair the product defect at no charge, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product. The warranty will not extend beyond the original warranty period.

Your Fantasea Product should be registered within 30 days of purchase. You must keep the proof of purchase which indicates the date on which the purchase was made; as you may be required to show proof of purchase if you need warranty service. The following conditions apply: 1. This warranty extends to the original purchaser only. It is not assignable or transferable. 2. The warranty does not cover damage resulting from misuse, abuse, negligence, or accidents. Proper maintenance of the Product is the responsibility of the owner. 3. The warranty does not cover damage directly or indirectly resulting from the use of unauthorized replacement parts or service performed by unauthorized facilities. 4. This warranty does not cover any damage to any other product used in conjunction with the Fantasea product, including cameras and lenses, and resulting from any defect in the product materials or workmanship. 5. The cost of sending the product back to Fantasea or its authorized service facilities is the responsibility of the customer. 6. The warranty does not cover any incidental damages resulting from any defects in the product. This expressly includes any travel reimbursements or any other costs associated with the purchaser’s optional use of the product. The conditions of this warranty are expressly in lieu of all other expressed warranties, including the payment of consequential or incidental damages for the breach of any warranty. Please register your product on line at this URL: <http://www.fantasea.com/registration>.

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