



USER GUIDE

ANGLERFISH TRIGGER V3.0



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|------------------------|-------------|--------------------|
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Quick Start

Make sure you have all the items listed below:

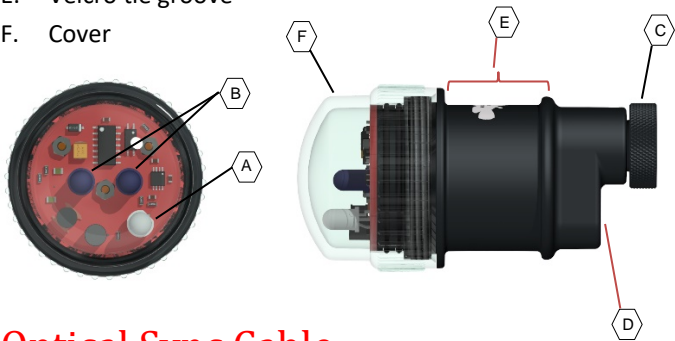
1. Anglerfish Trigger V3.0
2. Nikonos bulkhead cap
3. Operation manual, user guide
4. Clear acrylic dome cover
5. CR2 Battery (included and installed)
6. Optical or electrical sync cable (not included*)

*You will need an optical sync cable or an electronic flash sync cable with a Nikonos 5 pin connector to connect the Anglerfish Trigger to the remote strobe.



Features

- A. Menu LED (Red, Blue, Purple)
- B. Flash sensors
- C. Nikonos bulkhead c/w cap
- D. Sea & Sea type optical bulkhead
- E. Velcro tie groove
- F. Cover



Optical Sync Cable

The Anglerfish Trigger can trigger a remote strobe via an optical bulkhead. The optical bulkhead is located on the back of the trigger. This feature allows the trigger to connect to



virtually any strobe including ones without electronic sync cable connectivity. Be sure to use high quality multi-core 613 fiber optic cable with Sea & Sea plug. Cheaper, low quality single strand cables will result in high attenuation of light and reduction in the trigger's performance. Avoid bending the fiber optics cable. If possible, use the shortest cable available.



Electronic Sync Cable

Anglerfish Trigger is also equipped with a Nikonos™ cable bulkhead to trigger the remote strobe electronically. Only use genuine Sea & Sea brand Nikonos cables or similar cables



with a Nikonos 5 pin connector. Prior to each use, make sure the o-rings are free of any sand or debris and that they are lubricated with the manufacturer's recommended silicon lubricant.

Turning On

The Anglerfish Trigger is equipped with an acceleration switch that is used to turn the unit on or off. To wake up the trigger from sleep mode simply hold the trigger in one hand and strike your wrist against your other hand. The impact will wake up the trigger. The impact must be axial in the direction as shown in the figure below.



Once a large enough impact has occurred, the menu LED will then light up **purple** momentarily. Shortly after, the LED will blink twice in **blue** to indicate subsequent impacts are required to fully turn on the unit. By impacting the trigger twice more, the trigger turns on. For every impact the menu LED will light up **purple**. If the shock due to impact is not strong enough the menu LED will not light up and the trigger will go back to sleep mode in 3 seconds to conserve power. This power up sequence prevents the trigger from turning on its own while subject to random shock. Once turned on, the trigger will automatically turn off after 2hrs of operation.



Impact once to
wakeup



Wait for 2 blinks
(Red or Blue)



Impact twice more
to enter on mode



Turning Off

To turn off the trigger simply follow the same procedure as required for turning on the unit.

Low Battery Indicator

If the trigger's battery power is low, the trigger's menu LED will blink **red** and **blue** for five cycles and the trigger will enter the sleep mode. To operate the trigger, the trigger must be charged.

Care & Maintenance

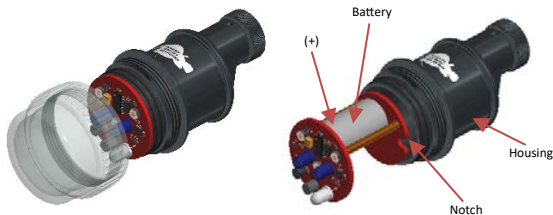
After each salt water dive, your trigger should be soaked or rinsed in fresh water. The trigger should soak in fresh water for at least 30 minutes.

Replacing Battery

The Anglerfish Trigger come with a CR2 battery preinstalled. To replace the battery, twist open the cover dome and pull



out the battery cradle. Make sure the battery is placed in a correct orientation. The battery cradle has a notch in the bottom and will only fit in a correct orientation inside the housing.



Only use CR2 battery. Any other battery may damage the trigger circuit.

Troubleshooting

Not Turning On

If upon impact the **purple** menu LED does not blink, it is likely that the unit's battery has been depleted.



Menu LED Blinking Red and Blue:

If the menu LED blinks **red** and **blue** upon start up or during operation this means that the battery voltage is low and that battery needs to be replaced.

Optical Trigger not Working:

If the optical trigger does not trigger the remote strobe, remove the fiber optic cable from the unit and inspect the small high power LED inside the optical bulkhead. Operate the camera strobe several times and see if the LED blinks while the camera strobe fires.

If the LED does flash bright, the fault could be in the optical cable or the strobe settings. Make sure you follow the strobe manufacture's settings for operating the remote strobe via optical cable.

Inspect the optic cable for bends or damage. We recommend using only high quality multi-strand optical sync cables.



Single core cables are prone to failure and will not function properly with the Anglerfish Trigger.

In some situations, salt and dirt accumulates on the surface of the remote strobe's optical bulkhead. Inspect the bulkhead for debris, salt or fouling. Cleaning the inside of both the remote strobe and the trigger optical bulkheads with rubbing alcohol and Q-Tips will ensure maximum light transmission and optimal performance.

Some strobes with weak light sensors may not fire while using the optical cable. In this situation please use the electrical cable.

Remote Strobe Triggering Randomly:

It is unlikely that the remote strobe fires randomly. However, if this happens it means that the Nikonos bulkhead or the sync cable connected to the strobe has been flooded. Turn off the strobe and assess the cable o-rings for damage or debris.



Specification

| Parameters | Value |
|---------------------------|-------------------------|
| Operating Temperature | 0 - 40°C |
| Battery Type, Capacity | CR2, 700-850mAh |
| Sleep Mode Operating Time | 400 days (full battery) |
| On Mode Operating Time | ~60 hrs (blue mode) |
| Weight, Dry (Submerged) | ~100 grams (-30 grams) |

Compliance

Anglerfish Trigger:



Anglerfish Trigger is constructed from electrical components and parts that are RoHS compliant.



Anglerfish is a lead-free product.



This electronic product should not be mixed with general household waste. The correct disposal of this product will help prevent any potential negative effect to the environment. For disposal please take this product to a designated electronic waste recycling or disposal area.



QA/QC Check List

- PCB Testing & Inspection
- Menu Function and Program Test
- Optical Trigger Circuit Test
- Electrical Trigger Circuit Test
- Hydrotest (980 kPa)

Serial No.

