



TT5 Canon TTL Fiber Optic Transmitter for DL and DLM Underwater Housings

Product # 44701

Video Tutorial

<https://www.ikelite.com/watch-44701>



SCAN FOR VIDEOS

Included in the Box

- Fiber Optic Transmitter
- Battery Holder
- TTL Hotshoe

Important Notices

- » Requires two (2) CR2032 single-use or rechargeable lithium batteries - not included.
- » Batteries must be installed correctly with the Battery Holder switch must be in the "ON" position for flash operation.
- » Do not turn the battery holder ON without a camera attached. Turning the battery holder ON without a camera attached will rapidly deplete the batteries.
- » This product is not compatible with older Canon DSLR cameras. Refer to camera compatibility on the product page at ikelite.com.

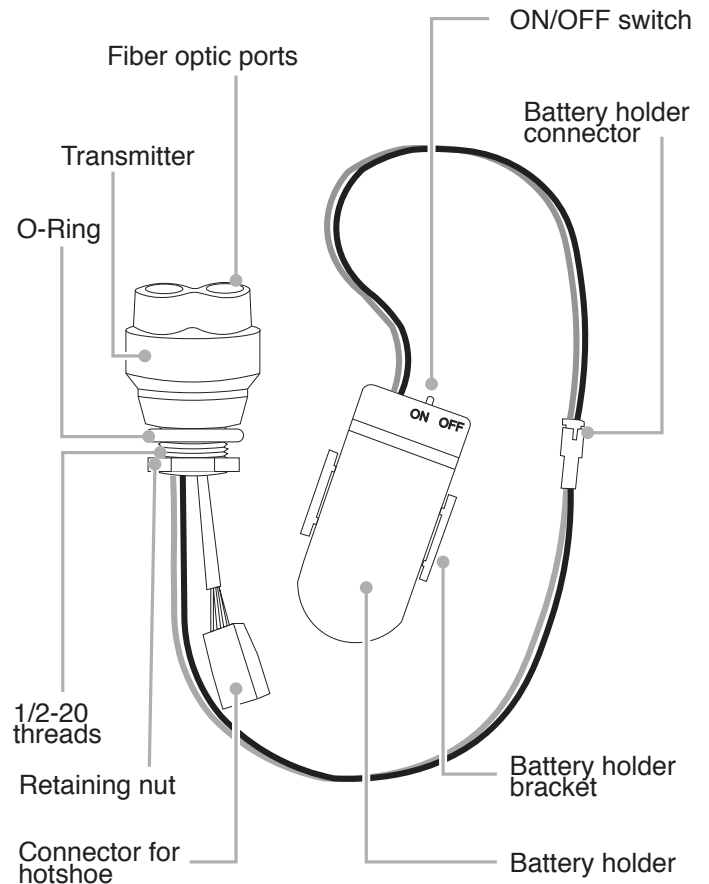
Fiber Optic Cord Compatibility

- Ikelite Fiber Optic Cord # 4501
- INON Optical D Cable "Non-wireless type" L-Connector
- SEA&SEA Fiber Optic Cable (L-type) # 50107
- SEA&SEA Fiber Optic Cable II # 50128
- Olympus UW Fiber Optic Cable PTCB-E02
- Nauticam Optical Fiber Cable # 26211 Nauticam to INON
- Nauticam Optical Fiber Cable # 26212 Nauticam to SEA&SEA

Installation and Use

Installing the Transmitter

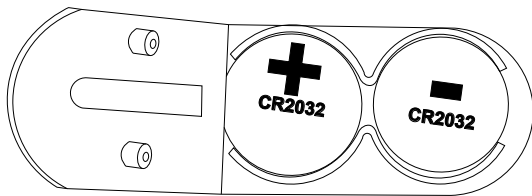
1. Carefully remove the bulkhead or accessory port plug from the housing.
 2. Remove the nut from the end of the transmitter. Check that the o-ring on the transmitter and the sealing surface on the housing are clean.
 3. Very lightly lubricate the visible surface of the o-ring and the sealing surface of the housing.
 4. Thread the transmitter into the 1/2-20 hole in the top of the housing being careful not to cross-thread.
 5. Tighten using your fingers only just until it touches the case. Do not over-tighten.
 6. Re-attach the nut on the inside of the case. While holding the transmitter in place on the outside of the housing, tighten the nut snug with a 5/8" wrench
- » Do not tighten the retaining nut without holding the transmitter in place. Turning the retaining nut can cause the transmitter to loosen and break the o-ring seal.



Installing the Battery Holder

- » **Test fit the battery holder with a camera installed to find a place where it can adhere to the inside wall of the housing without interfering with control functions. The on/off switch on the battery holder should be visible. The battery holder should be positioned such that it is able to easily slide in and out of the holder after installation.**
- » **For best adhesion, attach the battery holder bracket to the inside of the housing in a cool climate and wait 24 hours before exposing to heat and humidity.**

1. Open the lid of the battery holder and insert two CR2032 single-use or rechargeable lithium batteries.



2. Close the battery holder.
 3. Peel the adhesive backing from the battery holder bracket and position the holder against the inside wall of the housing.
 4. Press firmly for 20-30 seconds.
 5. Attach the end of the battery holder connector to the mating connector on the transmitter.
- » **The battery holder ON/OFF switch must be in the ON position for flash operation. The transmitter will automatically enter a power save mode when not in use to prolong battery life.**
 - » **For the best battery life, use the battery holder OFF switch position when not in use. Do not turn the battery holder ON unless a camera is attached.**
 - » **Turning the battery holder ON without attaching a camera will rapidly deplete the batteries.**

Installing the Hotshoe

1. Align hotshoe and transmitter connector ends and push together.
2. Push hotshoe forward into camera's hotshoe mount. Make sure that the hotshoe is all the way forward to ensure proper connection.

Setting Your Camera

Refer to your camera and housing instruction manuals for recommendations on flash settings for external strobes. In general:

- **External Speedlight control** must be set to 'Flash firing - Enable.'
- **Auto Lighting Optimizer** must be set to 'Disable.'
- **Shutter mode** is set to 'Mechanical' on EOS R-series cameras.

Flash Synchronization

At slower shutter speeds, second-curtain sync is automatically enabled. At shutter speeds of 1/30 and higher, first-curtain sync is automatically enabled. High-speed synchronization is not supported.

Flash Exposure Compensation

Use **Flash Exposure Compensation** in the camera's external flash menu settings to adjust your strobe output automatically while remaining in TTL mode.

Manual Exposure

TTL exposure is automatically enabled when the converter is powered up. Keep your strobes set to TTL.

To use the strobe's manual power settings, use the camera's menu to change **Flash mode** to 'Manual flash.'

Maintenance and Storage

Post-Dive

1. Submerge the fully assembled system in clean, fresh water after each use.
2. Remove the system from the rinse tank and flush with running fresh water.
3. Dry the system with a clean, lint-free cloth.

Limited Warranty

This Ikelite product is warranted against any manufacturing defects for a period of one (1) year from the original date of purchase. To obtain warranty service, the product must be returned to Ikelite postage paid. Ikelite will, at its sole discretion, repair or replace such products, and will return to customer postage paid. All other claims of any nature are not covered. Except as mentioned above, no other warranty expressed or implied applies to this Ikelite product.

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