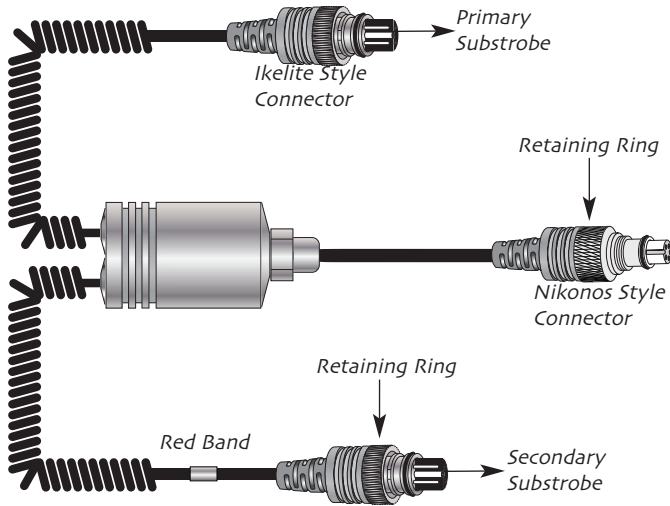


# Ikelite Dual Cord 4104.62 instruction manual

For Nikonos Style Housing Connectors



## Dual Sync Cord #4104.62

Connect two (2) Ikelite Substrobes to a Nikonos IV, V, RS, or suitable FILM camera housing that utilizes the Nikonos flash socket for external strobe connection. Different model Substrobes can be combined. The strobes will fire in TTL automatic or manual exposure modes using the Nikonos V or RS. Strobes will only work in the manual mode with the Nikonos IV or camera housings.



## Housing Bulkhead Compatibility

Over the years various housing manufacturers have introduced a variety of "Nikonos-style" bulkheads with variations on the original contact design. The plug end on this TTL Adapter has been designed to prevent damage by some European housings with rigid contacts in place of the traditional spring-loaded style.

This design may exhibit intermittency with some more traditional Nikonos-style bulkheads. Two gold plated pins have been provided to eliminate this intermittency. These pins should only be used in conjunction with bulkheads featuring two spring-loaded contacts.

To see if your housing has spring-loaded contacts, use an open-ended paper clip to gently push down on the contacts shown in Diagram A - page 4. Very little pressure is needed to check the contacts. If the contacts ARE spring-loaded, proceed to the directions on page 5 for inserting the included gold plated pins.

These pins are specifically recommended for use with the Nikonos-style bulkhead featured on Nauticam housings.

If your housing does NOT feature spring-loaded contacts, DO NOT insert the included pins into your plug end. Doing so may cause damage to your plug and/or bulkhead.

**ONLY IKELITE TTL SUBSTROBES CAN BE CONNECTED.**

**DO NOT** use the TTL cord on a non TTL strobe; you will damage the camera.

**DO NOT** remove the sync cord from the strobe or camera underwater or when wet. Connections are NOT waterproof when disconnected underwater.

**DO NOT** leave the cord connected for prolonged periods or the cord may freeze to the strobe, or camera. After each dive, disconnect the cord and lightly lubricate the connector threads. NEVER use spray lubricant. Use ONLY Ikelite lubricant.

## Connecting to the Camera or Housing Bulkhead

1. Make sure all components are dry. Clean and lightly lubricate the stem shaft, o-ring and retaining ring threads. Check the stem o-ring for nicks or cuts.
2. Align the Index Groove (Diagram A - Page 4) with the Index Post (Diagram B - Page 4) in the flash socket, and insert the stem into the flash socket.
3. Rotate the retaining ring counter clockwise until it mates with the flash socket threads. Then, carefully rotate retaining ring clockwise and thread it into the flash socket until snug.

## Connecting to Ikelite TTL Substrobes

**When connecting Dual Strobes, connect secondary strobe to the cord with the red band.**

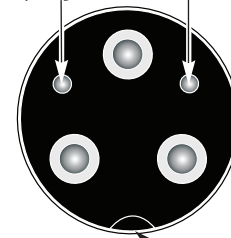
1. Make sure all components are dry.
2. Clean and lightly lubricate the stem o-ring and the strobe connector threads. Check the o-ring for nicks or cuts.
3. Note the positioning of the receptacles and pins. Properly align the end of the sync cord and insert into the strobe bulkhead.
4. Hand-tighten the Retaining ring on the sync cord.
5. Push the connector body further into the strobe connector and continue to tighten the Retaining ring.

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## Troubleshooting/Inserting Pins

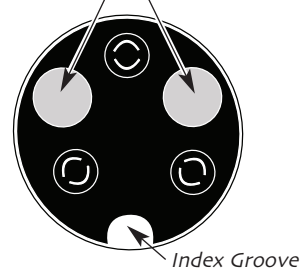
- If intermittent or loss of TTL operation occurs, insert the 2 gold plated pins into the Nikonos Connector End corresponding receptacles as shown below. With the Index Groove at the bottom, the pins should be at the 10 and 2 o'clock positions. Once the pins are installed they should not be removed.
- Connect the Adapter to the housing bulkhead (See page 2).

**Diagram A**  
Nikonos Housing Bulkhead  
Spring-loaded Contacts

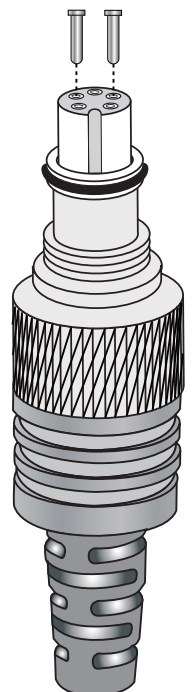


**Diagram B**

Nikonos Connector End  
Gold-Plated Pins properly inserted in Receptacles



Gold-Plated Pins



## **Ikelite Limited Warranty**

All Ikelite products are warranted against any manufacturing defects for a period of one year from the original date of purchase. Defective products should be returned prepaid to Ikelite. Ikelite will, at its discretion, repair or replace such products, and will return to customer prepaid. All other claims of any nature are not covered. Housing is pressure tested and warranted to 200' (60m) maximum underwater depth. Except as mentioned above, no other warranty expressed or implied, applies to this Ikelite product.

## **Returning Products for Service**

Ikelite is most interested in performing any service to ensure that all products perform as intended. Evidence of purchase date must be provided to obtain warranty service.

No prior authorization is required. You may return directly to us or through your dealer. Please include a brief description of the problem, any relevant e-mail correspondence, and/or instructions on what you want us to do. Always include name, shipping address, e-mail address, and phone number inside of the package.

You may also want to insure the package.

Send Postage Pre-Paid to:

Ikelite Underwater Systems  
ATTN: Repair Dept.  
50 West 33 Street  
Indianapolis, IN 46208 USA

No reimbursements for return freight will be issued.

## **Returning Products for Service (outside the United States)**

For the separate international customs documentation form that you complete to accompany the shipment, please state or designate that the enclosed products were originally manufactured in the USA and are being returned to the manufacturer for repair service. Value of the equipment listed for customs purposes should be zero.

## **How to contact Ikelite if necessary**

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