



DL1 DS Link Nikon TTL Converter with Ikelite Connector

Product # 46051

Included in the Box

- DL1 DS Link Nikon TTL Converter
- Plug o-ring # 0136.13 (installed)
- Connector protector # 0301.12 (installed)
- Waterproof bulkhead cap # 9104.7 (installed)
- Silicone lubricant 1cc tube

Strobe Compatibility

- Ikelite DS50 above serial # 75510
 - Ikelite DS51 above serial # 78700
 - Ikelite DS125 above serial # 7928
 - Ikelite DS160, DS161
 - Ikelite DS200 above serial # 7163
- » **The DL1 DS Link is not compatible with other manufacturers' strobes.**

Sync Cord Compatibility

- Ikelite Housing to Ikelite Strobes # 4103.51
 - Ikelite Housing to Two Ikelite Strobes # 4103.52
 - Ikelite Housing to Ikelite Strobes # 45051
 - Ikelite Housing to Two Ikelite Strobes # 45052
- » **Use of two strobes requires a dual sync cord. Two strobes cannot be controlled by individual converters even if the housing is equipped with two bulkheads.**

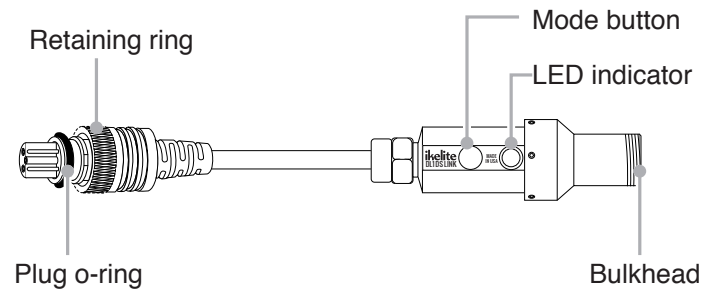
Camera Compatibility

Compatibility may be updated as new cameras are released. Refer to the product page on our website for up to date camera compatibility information.

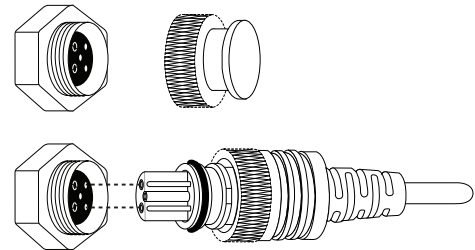
Installation and Use

Attaching the Converter

1. Remove connector protectors and bulkhead caps from each connection.
2. Apply a very thin, even layer of lubricant on all threads, sealing surfaces, and the exposed portion of the plug o-ring. Do not allow lubricant to get into the pins and receptacles of the plug or bulkheads.



3. Align plug and insert into the housing bulkhead. Each male pin mates with a female receptacle. Failing to line up the contacts properly before tightening may result in damage to the converter plug and/or housing bulkhead.



4. Hand-tighten the retaining ring.
5. Attach a compatible sync cord to the converter using the same method. Hold the converter while tightening the sync cord retaining ring.
6. Attach a compatible strobe(s) to the sync cord.

Setting Your Camera

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

- **Flash mode** must be set to Fill flash or Rear Curtain Sync. Do not use a red eye reduction mode.
- **HDR mode** must be turned off (default).
- **Active D-Lighting** must be turned off (default).
- **Flash sync speed** must be 1/250 s or slower (default). FP high-speed sync settings are not compatible.

If you are having trouble getting your strobe(s) to fire properly we recommend restoring your camera to factory default settings and making sure the hotshoe is pushed all of the way forward.

Shooting with TTL Strobe Exposure

1. Turn strobe on. When turned on the DL1 DS Link will be in TTL mode. The LED indicator glows blue in TTL mode.
2. Set the strobe to TTL.
3. Exposure compensation may be added or subtracted through the camera's menus. Refer to your camera instruction manual for more information.

Shooting with Manual Strobe Exposure

1. Push the mode button on the side of the converter. The LED indicator light will change from blue to red.
2. Set the strobe to full or a fractional power setting.
3. Adjust strobe power settings as necessary for each photo.
4. To revert to TTL operation push the mode button and set your strobe to TTL.

Maintenance and Storage

Post-Dive

1. Submerge the fully assembled system in clean, fresh water after each use. Press the mode button several times while submerged.
2. Remove the system from the rinse tank and flush with running fresh water.
3. Dry the system with a clean, lint-free cloth.
4. Separate the components and lubricate the threads and o-ring(s) every 2-3 days during continuous use.

Travel and Storage

1. Separate the converter from the sync cord and housing.
2. Wipe off the threads of each bulkhead and retaining ring using a clean, lint-free cloth.
3. Lightly lubricate all o-rings, threads, and sealing surfaces.
4. Attach the connector protector and waterproof bulkhead cap to converter ends.

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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