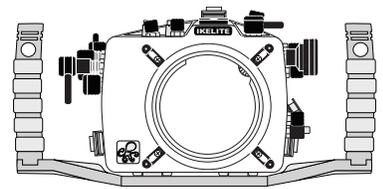




SLR-DC Housing Quickstart Guide

6812.61 Nikon D600, D610



This Quickstart Guide will give you the basic information necessary to begin shooting underwater photo/video. It is highly recommended that you also read your Ikelite housing manual and camera owner's manual.

1. Initial Camera Setup - the following camera settings should be made before placing the camera in the housing.

- Insert a fully charged battery and SD or SDHC memory cards.
- Set Time Zone and Date. Set the mode dial to "M" manual.
- Set shutter speed to 1/60th second, or 1/125th second for fast subjects.
- Set aperture to F8 for general photography or F22 for macro(close-ups).
- Set JPEG compression to "Optimal Quality."
- Set White Balance to "AUTO1" and Picture Control to "SD Standard."
- Set Auto Distortion Control to "ON" and Active D-Lighting to "OFF."
- Set HDR and Long Exposure NR to "OFF."
- Set ISO Sensitivity to "100" and Metering to "Center-weighted."
- Set Focus Mode to "AF-S."
- Set AF-Area Mode: Viewfinder to "Single-point AF" and Live-view/movie to "Normal-area AF."
- Set Focus Point to the center and rotate focus selector to "L."

In Custom Settings Menu:

- Set AF-S priority selection to "Release" & AF point illumination to "ON."
- Set Built-in AF-assist illuminator to "Off."
- Set Shutter-release button AE-L to "ON."
- **Set Release button to use dial to "ON."**
- Set LCD illumination to "ON."
- Set Save user settings to "U1."

Note: This housing is designed for use with an external strobe. The camera's internal flash cannot be used while in the housing. Make sure Red-eye reduction is off when connected to a strobe.

2. Attach Tray with Handles to Housing

- Use hardware and instructions located in the clear Ikelite pouch.

3. Open the Housing and Remove the Housing Back

- To open the housing, carefully open each Lid Snap. Lid Snaps have a **Lock**. To open, push Lid Snap Lock forward and lift as shown (**Diagram A**). Keep pressure on each Lid Snap so it does not fly open quickly.

4. Attach the Hotshoe and Camera Mounting Bolt

- Slide the Hotshoe Connector forward onto the camera flash mount until it stops (**Diagram B**). Hotshoe Connector should be attached **before** the camera is secured with the mounting bolt.
- Position the camera and lens on the camera tray, and then secure it with the mounting bolt which threads into the camera's tripod socket (**Diagram C**). Use a flathead screwdriver (recommended) or coin to tighten the mounting bolt so the camera bottom is flush against the tray. The Leveling Screw is factory preset and does not need to be adjusted.

5. Install Camera in Housing and Close Housing

- Before installing the camera, make sure housing control levers are out of the way. Pull out on the controls in the front section of the housing, or point them forward away from the back. This will allow the camera to slide in easier. Once the camera is installed and the lid snaps have been closed, return the controls to their operating position.
- CHECK each housing control's operation.
- CHECK the main housing o-ring seal (should appear as a dark line around the housing back).
- CHECK Lid Snap Locking Tabs. Make sure they are flipped up (**Diagram A**).

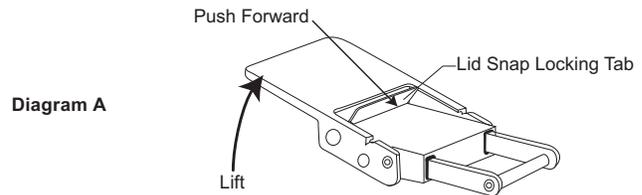


Diagram A

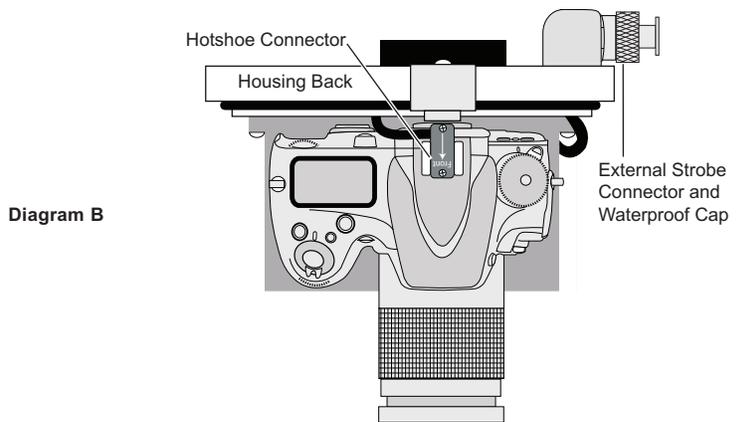


Diagram B

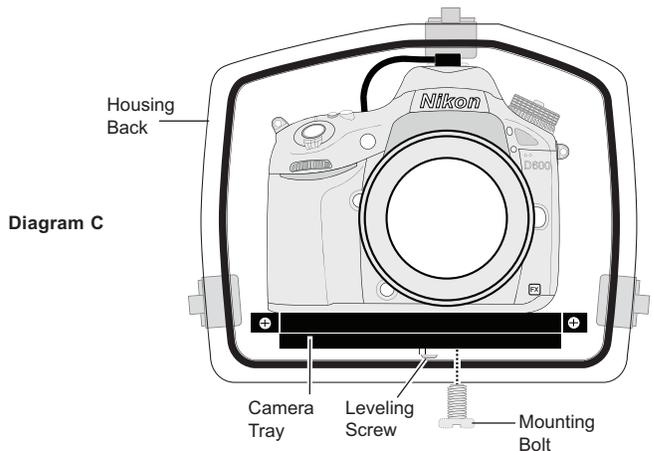


Diagram C

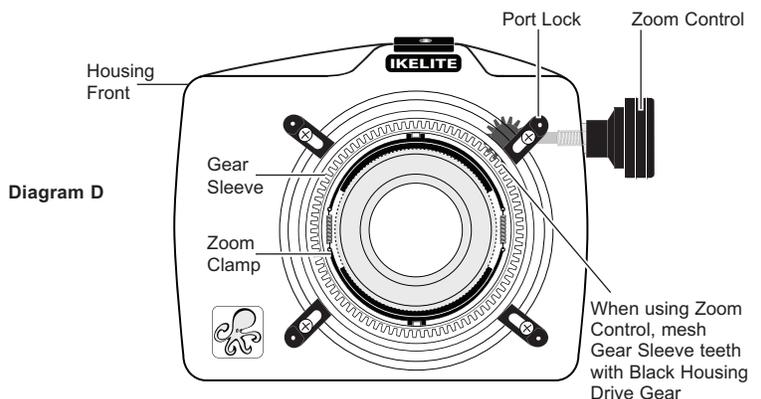


Diagram D

6. Installing the Port

- There are four Port Locks on the Housing Front (**Diagram D**). Each Port Lock has a Release Button. Lift the release button and slide each Port Lock away from the port opening. In the unlocked position, the Release Button will remain in the up position as shown (**Diagram E**).
- Install Zoom Clamp and Gear Sleeve if applicable (**Diagram D**). Refer to your Ikelite instruction manual for details regarding this procedure.
- Lightly lubricate the port o-ring (use ONLY Ikelite lubricant).
- Place the port, with o-ring, into the housing port opening. Press down on the port firmly and evenly until you feel the port slide into place.
- Slide each Port Lock forward until it locks. Confirm the Port Lock Release Button is seated flush against the Port Lock Body (**Diagram E**).

7. Using an Ikelite DS-series Strobe (Diagram F)

- Attach your Ikelite DS-series strobe and arm combination to the top of a housing handle. Depress the Handle Push Button and drop the open arm end into the handle. The Push Button will return to its starting position when the arm is properly locked-in.
- Remove the Waterproof Caps from the strobe and housing back connectors. Attach one end of the sync cord to the strobe, and the other end to the Housing External Strobe Connector. Finger tighten cord ends only; do not use pliers to tighten.

8. Pre-Dive Your System

It is recommended that you take the complete system into a swimming pool before use in open water. This will give you a chance to become familiar with the handling and operation of your housing and strobe(s).

As soon as you enter the water, take a moment and check the housing to see that it is properly sealed. Next, check to see if there are any bubbles on the face of the port. If there are, take your fingers and remove them. If there are bubbles on the lens port they can produce soft focus spots in your photographs.

Photo Tips

- The number one rule in underwater photography is to eliminate as much water between the camera and subject as possible. Get as close as you can to the subject, then use the zoom. If you are using flash for still photos, subjects beyond 6 feet (1.8m) will not have much color regardless of strobe power.
- Photograph in clear water; do not stir up the sand or silty bottom. If backscatter becomes a problem in the environment you are photographing, an external flash will help eliminate much of the backscatter.
- Many digital cameras have a slight lag time between when you press the shutter release button and the camera actually takes the picture. Hold the camera steady a second or two after pressing the shutter release button.
- Do not shoot down on subjects as they will quite often blend into the background and be difficult to see in the photograph. Shoot subjects straight on or shoot up at a slight angle using the blue water as a contrasting background.
- When using daylight or flash, if your camera consistently over or underexposes the image, you may want to adjust your camera's exposure compensation \pm settings.
- If you error in exposure, it is better to have the image slightly underexposed rather than overexposed. An overexposed image is missing color information which cannot be adjusted in a photo processing program. A slightly underexposed image has color information that can be adjusted.
- It is important to respect all living creatures underwater, including people, marine life, and coral. While we encourage people to get close to their subjects when taking a photograph, they should not touch, lie on, or in any way disturb the things they find underwater.

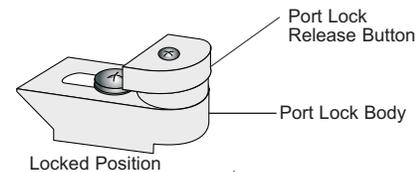


Diagram E

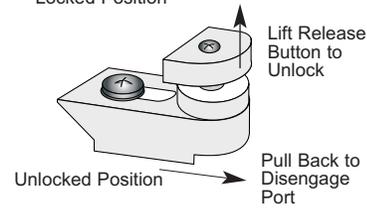
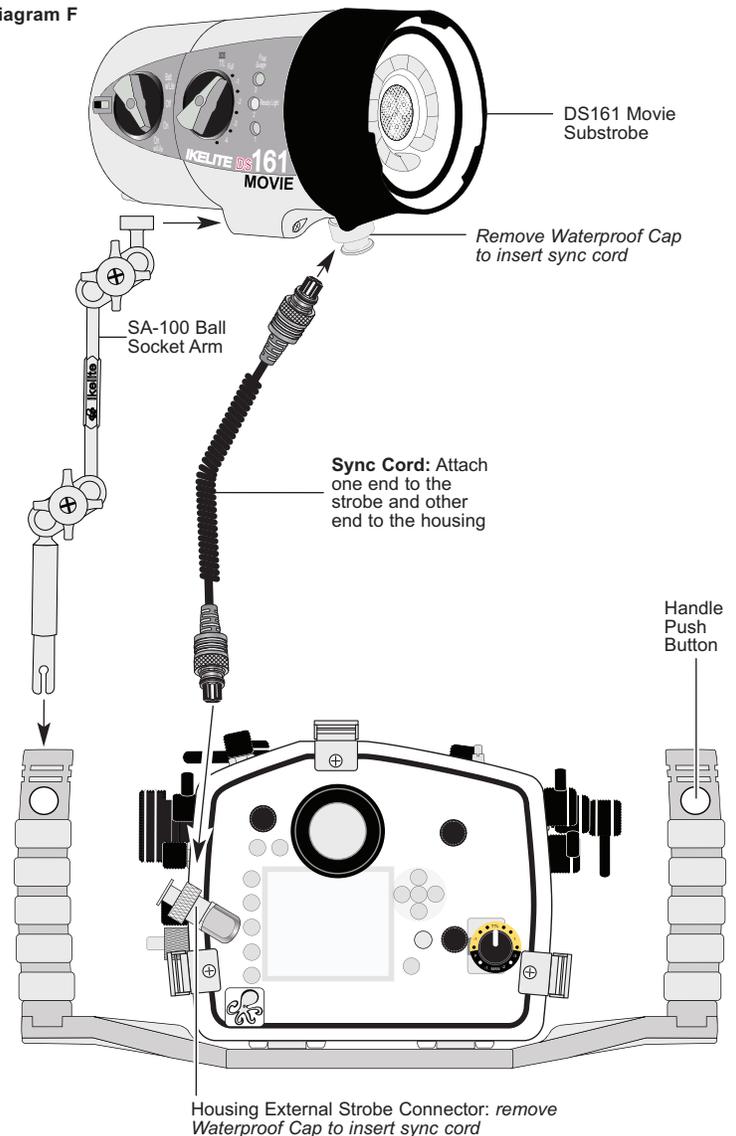


Diagram F



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