



Camera Housing Instruction Manual

Precautions

Important tips for using your housing.

1. Remove the rubber eyecup from your camera
2. You must first test the housing in its intended environment without the camera inside. This confirms that the housing is water-tight and that you are confident in setting up and sealing the housing.
3. Stop use immediately if you notice any water inside the housing.
4. If salt water does enter your housing for whatever reason, even fault of your own, you must return it to us for servicing, as internal components may be compromised.
5. Do not attempt to disassemble the housing components, particularly the housing control glands.
6. Safely store the housing in a padded bag or case during transport.
7. Remove the main o-ring, faceplate or port when travelling by air as to avoid pressure build up inside the housing.
8. Do not allow any moisture to enter the housing before closing the housing. Any moisture inside the housing may result in fogging.

Housing Preparation

Follow these steps to prepare your housing before camera installation.

1. Ensure that inside the housing is clean and dry.
2. Ensure all buttons and dials are moving freely. Lubricate the shafts from inside the housing with the supplied silicone lubricant if required.
3. Ensure the main O-ring, port O-ring and grip O-ring are in good condition, free of sand, hair and dirt, and lightly greased with silicone lubricate.
4. Ensure the main O-ring groove, port O-ring groove and grip O-ring groove are free of any sand, hair or dirt. Clean the grooves with a microfiber cloth if required.
5. Ensure the main O-ring, port O-ring and grip O-ring are placed into the grooves without any twists or kinks.
6. Ensure grip mounting bolts are suitable tightened to seal the grip O-ring.
7. Ensure the faceplate is clean and dry.
8. Ensure front locking ring on the port tube is fully screwed down and secure.
9. Ensure sealing flange on port tube is clean and dry.
10. Ensure the front acrylic element is clean and free of scratches.

Camera Installation

Follow these steps to install your camera into the housing shell.

1. If your housing is fitted with a pistol grip, locate the pistol grip trigger cable and plug into the remote port on your camera.
2. If your housing has a side lever trigger installed, pull the trigger lever out, as to clear the path for the camera to be installed.
3. Carefully slide the camera into the housing, ensuring the trigger cable sits below and in front of the camera, and is not pinched under the foam inserts.
4. Ensure camera is sitting square in the foam inserts within the housing. This is best done by picking a line on the lens and ensuring it is parallel to the front flange in both the vertical and horizontal axis.
5. Test functionality of buttons and dials. Adjust the camera slightly if required.

Port Installation

Follow these steps to install your port tube into the acrylic faceplate.

1. Choose the appropriate lens tube for the lens you are shooting with.
2. Confirm that the O-ring is still in the faceplate groove.
3. Carefully thread the port tube into the faceplate. Be careful not to cross-thread the threads. If you have difficulty in starting the thread, place the port on top of the faceplate thread and turn anti-clockwise. This will assist in finding the starting point of the thread.
4. As you thread the port tube into the faceplate ensure that the faceplate O-ring stays in the groove.
5. ***Ensure that the flange on the port tube squashes the O-ring in the faceplate.*** The lens tube is properly sealed when threaded all the way in and you no longer see the O-ring. The O-ring will squash into the groove and the lens tube flange will make contact with the aluminium mount in the faceplate. **DO NOT OVERTIGHTEN** as you may damage the faceplate. You should be able to sufficiently tighten the port tube with your arms held straight. Do not 'put your elbow into it'.

Note: Dome ports will typically need to be installed into the faceplate AFTER the faceplate has been installed onto the housing shell and the housing closed (see 'Closing the Housing' on Page 6).

Closing the housing

Follow these steps to close your housing main seal.

1. Ensure that you have switched your camera on.
2. Carefully place the faceplate over the flange bolts.
3. Gently, and evenly, tighten opposite wingnuts until you see the main O-ring begin to squash. This is a good opportunity to again observe the main O-ring for any hair, sand or dirt. Remove and clean if required.
4. Once a clean seal on the main O-ring has been confirmed, the wingnuts can be tightened further. **The acrylic faceplate will make contact with the housing shell when the wingnuts are sufficiently tightened**, with the O-ring squashing fully into the groove. Do not over tighten the wingnuts, as this may damage the acrylic.
5. Confirm functioning of the pistol trigger (if fitted) and other housing controls before jumping in the water.
6. Go shoot!

Care and Maintenance

Follow these steps to care for and maintain your housing.

1. After use thoroughly soak the housing in a bucket of fresh water. Operate each button and dial as to remove any salt water build-up behind the button heads in the control glands.
2. Once the camera has been removed from the housing fully depress each button and dial on the housing to remove any water that may be in control gland. Ensure that you do this away from your camera equipment.
3. ***Loosen the port from the faceplate after every use, as it will become more difficult to remove if not loosened.***
4. Inspect the main O-ring, port O-ring and grip O-ring for damage after each use. Contact us for replacement if damaged is observed.
5. Keep your housing in a padded bag or case, and cover the front element of each lens port with a port cover.
6. It is recommended to send the housing back to us for a service annually, or after every 100 uses, whichever occurs first.
7. O-rings should be replaced annually.
8. If your port gets scratched it is usually easier to purchase a replacement screen rather than spend hours buffing out the scratches. Contact us for a replacement and we will send you instructions on how to install it.
9. Stay stoked and enjoy your housing.