

# T-BAG



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## T-BAG

### INSTRUCTIONS AND CARE

#### **IMPORTANT: BEFORE INITIAL USE AND BEFORE EVERY USE THEREAFTER:**

- **STEP ONE: ALWAYS** inspect your T-Bag very thoroughly for any damage and/or cuts. Do not continue to use your T-Bag if you notice any damage and /or cuts.
- **STEP TWO: ALWAYS** fully submerge your zipped-closed T-Bag without a camera inside in water for up to 10 minutes to test for any leaks. Expel the air from inside of your T-Bag before doing this. After removing from the water, check inside your T-Bag to make sure it did not leak. \*Adding a few pounds of weight inside the T-Bag will aide in submerging your system.

**NOTE:** These steps are very important and should never be ignored. ASL Productions Inc. accepts no responsibility for damaged cameras or T-Bags. It is up to the user to carefully handle, use and maintain the T-Bag.

#### **TO BEGIN USE:**

- Remove the camera plate from the saddle. (IMPORTANT NOTE: If using the mechanical lens control, please make sure to see the Mechanical Lens Control section at this point)
- Attach the camera plate to the bottom of your camera and make sure your camera package is as compact as possible so that it will easily fit it into your T-Bag. It is possible to leave the camera lens shade on your camera when using the flat port lens. \*If your camera requires lift for centering, please use a camera riser plate. (available separately)
- Carefully place the camera into your T-Bag with the camera plate toward the bottom and secure it onto the camera saddle. **DO NOT FORCE ANY PART OF THIS OPERATION OR PUT ANY UNNECESSARY STRESS ON YOUR T-BAG.**
- Align your camera so that the lens is as close to the front port as possible.
- Tighten the camera plate into place.
- Plug any cables you may already have in your T-Bag into your camera and then **FULLY ZIP** the T-Bag closed. **\*Use the supplied Zipper lubricant as needed**

NOTE: Your T-bag is supplied with a purge valve. Upon submersion, internal air will bleed automatically from the T-Bag. You may adjust the amount purged with this valve, or lock the valve from purging by pushing the valve down and turning to the right. Please also note that your T-bag has an intake valve, which can be used with the purge valve in order to balance air pressure and refresh air to remove heat and humidity. You can connect a low pressure scuba breather hose to the intake valve.

#### **CABLE GLANDS**

- There are cable glands on your T-Bag that you can use for cabling purposes such as for use with the underwater monitor or RED LCD housing and for use with any external video out cables for topside monitoring.

- You have received a couple of extra blank cable seal glands with your system for external video out cables. The cable seal glands are blanks that can be modified as needed for any other cables. A larger cable seal gland for the larger cable gland is also a blank that can be modified as needed for thicker cables such as for fiber cables. Please find the appropriate gland to place around your cable.

**Install as follows:**

- Remove the knurled back cap from the T-Bag along with the stopper gland. Place the knurled back cap over the cable end, then attach the cable seal gland onto your cable and insert the end of the cable into your T-Bag. Push the cable seal gland firmly into the female receptacle making sure it is airtight and then tighten the knurled back cap. \*NOTE: Lightly lubricate the cable and the cable seal gland with the supplied silicone o-ring lubricant before installing.

- **If you are drilling your own cable seal gland to accommodate your cable (with the blank gland seal supplied), measure the diameter of your cable; select a drill bit slightly smaller in diameter to drill through the gland. After drilling, slice a single side of the gland for an opening for the cable.**

**NOTE: VERY IMPORTANT** – Once you have your cables and cable glands installed in your T-Bag perform **STEP TWO** on page one again. Without the camera inside, submerge your T-Bag underwater for up to 10 minutes in order to make sure the proper cable gland was chosen and was installed properly.

**ADDING THE FRONT PORT AIR NOZZLE**

A blue and orange air nozzle and air line has been included with your T-bag. Carefully snap the end of the flexible blue air line onto the orange connector by the flat port on your T-bag. You can connect a low pressure scuba breather hose to the air nozzle in order to deflect water droplets from the front port glass.

**FRONT HANDLES**

These can be removed from the T-Bag and they can also be rotated in any position.

**MECHANICAL LENS CONTROL**

- The mechanical lens control on the right side of your T-bag is for film gears only so that you can have your focus pulled. It is not intended to be used with video lenses. A glove has been provided for full lens control for video lenses.
- The mechanical lens control system works with 19mm rods. If you are using 15mm rods, use the included Red 19mm to 15mm adapters.

**UNDERWATER HD MONITOR**

- If you are using the underwater monitor with your T-Bag, please note the video input is SD(down converter required, available optionally)
- A cable seal gland has been provided with your underwater monitor. For installation purposes, please follow the installation instructions for cable glands on page 4.

**RED LCD HOUSING**

- If you received the RED LCD Housing, please note that it is **ONLY** for use with the 5.6" RED LCD. **DO NOT USE ANY OTHER LCDS IN THIS HOUSING.**

- Your RED LCD housing should have come with a separate instruction page; however, the following are some general instructions:
- Remove and place the knurled back cap and the supplied cable seal gland on your LCD video cable. Note: lightly lubricate the cable seal gland with silicone lubricant.
- Open the housing and insert your LCD video cable through the back of the housing. Push the cable seal gland into place making sure it is a tight connection with the housing. Close the housing, tighten the knurled back cap and test it per the instructions in the note below.
- After testing the RED LCD Housing, open the housing and connect your LCD video cable to your 5.6" RED LCD and then carefully seat your LCD in the housing. Again, please remember that once your LCD monitor is carefully seated, the cable seal gland should still be making a tight connection with the housing.
- Close the housing, make sure the cable seal gland is firmly seated and tighten the knurled back cap if necessary.

**NOTE:** The user should check the RED LCD Housing for leaks in a similar fashion to the T-Bag before placing their RED LCD in the housing for use. When testing for leaks, already have the LCD video cable installed in the housing.

#### **REMOVING THE FRONT PORT**

- Unscrew the thumbscrew knobs holding in the flat port and then pull the flat port off of your T-Bag.
- Lightly lubricate the o-ring of the port you are installing on the T-Bag with the silicone o-ring lubricant supplied.
- Push the port into place where you removed the flat port and then tighten the thumbscrew knobs so that the port will be locked into place.

#### **ADDING THE FILTER STAGE ASSEMBLY (optional accessory)**

- Remove the front port (see "Removing the Front Port") and then push the filter stage assembly into place where the front port had been on your T-Bag. Tighten the thumbscrew knobs on the filter stage assembly.
- Add the flat port to the front of the filter stage assembly and tighten the thumbscrew knobs.

#### **GENERAL CARE**

- **Handle carefully at all times.**
- **Keep away from sharp or pointed objects. Your bag is made of tough, durable material; however, it is still susceptible to damage.**
- **Do not place on or near hot objects or heat sources.**
- **Do not leave your T-Bag in direct sunlight for prolonged periods.**
- **Clean your T-Bag with mild soap and water.**

## **FEATURES**

To see a list of all the features of your T-Bag, please go to [www.airsealand.com](http://www.airsealand.com)

**NOTE:** ASL Productions, Inc is not responsible for any camera damage while using this system. Operator assumes all risks when using photographic equipment near water or inclement environments.