

# XS SCUBA PLUS Lights *(Peripheral Lighting Underwater System)*

Thank you for purchasing PLUS lights. PLUS lights are designed to line the periphery of XS Scuba's Phantom and SeaBlazer BCs. The PLUS lights are versatile however, and can be used for any number of applications. You are only limited by your imagination.

## Requires 2 AA batteries

### Installing the Batteries

- Unscrew the battery housing where you see the indicator. 
- Install 2 AA batteries, positive (+) end first, into the housing (Fig. 1.)
- Inspect the o-rings to make sure that they are clean and free of any lint, hair or debris. They should not show any fraying or damage of any kind. Place a light film of silicone grease on the o-rings. This will protect the o-rings and make assembly / disassembly much easier.
- Replace battery cap by threading it clockwise until snug.

Fig. 1



### Test the lights using the on/off button

### Installing PLUS Lights on your XS Scuba BC

 **NOTE:** While PLUS lights are durable, pulling on the string with undue force can break it. Therefore, do not thread string through several elastic loops at one time prior to pulling the string through. This places too much tension on the string. Rather, thread through one or two loops at a time prior to pulling the remainder of the string through.

### SeaBlazer

- Unzip the left pocket and locate the two hold downs at the bottom of the pocket.
- Insert the end of the string through the two hold downs and out the drain hole in the bottom back corner of the pocket. Pull the string all the way through the pocket.
- The battery housing gets secured in the bottom of the left pocket using the two hold downs (Fig 2.)
- Thread the string through the first elastic loop behind the pocket.
- Continue to thread the string, one or two loops at a time until you have gone all the way around the periphery of the BC.
- When you get back to where you started, if there is any string left over, you may either run the excess back into the pocket through the drain hole, or, you may cut the string to size and recap it (see section on Cutting to Proper Length).

Fig. 2



### Phantom BC

- Insert the light string through the battery housing sleeve, located underneath the left pocket, and out the hole in the back (Fig.3.)
- Pull the string all the way through the sleeve.
- Seat the battery housing into the sleeve.
- Thread the string through the first elastic loop behind the sleeve.
- Continue to thread the string, one or two loops at a time until you have gone all the way around the periphery of the BC.
- When you get back to where you started, if there is any string left over, you may either run the excess back into the pocket, or, you may cut the string to size and recap it (see below).



Fig. 3

### Cutting to Proper Length (optional)

PLUS light strings are 4.2 m / 13' 9" in length, long enough to fit a size XL/XXL BC. If your BC is smaller than this, you will have excess string left over. You can stow the extra string in the pocket where it originates (recommended) or you can cut the string with a pair of side cutters and seal on a new end cap (included) using Dow Corning silicone sealant or equivalent.

### Care and Maintenance

- After each dive, rinse your light thoroughly with clean, fresh water
- Direct the rinse water on to the battery housing and on/off button
- If you are going to open the battery housing, dry with towel first.
- Keep all o-rings cleaned and lubricated with a light coating of silicone grease.
- Store light in a cool place, out of direct sunlight and away from heat sources.

### Battery Precautions:

- Use only AA alkaline batteries
- Respect the correct polarity when installing the batteries. Reversed batteries may cause permanent damage to the light.
- Do not mix different types or different brands of batteries.
- Do not mix old and new batteries. Always replace them as a set of 2.
- Do not dispose of batteries in fire.
- Remove batteries if light is to be left unused for an extended period of time.

### Warranty

- XS Scuba PLUS lights are covered by a one-year warranty.
- XS Scuba will repair or replace PLUS lights at their discretion.
- Excluded is damage caused by incorrect battery insertion (reversed polarity), battery leakage, disassembly, modification or abuse.