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RB-75 Video Light Instructions

The Dolphin RB-75 video light is designed with a remote battery pack that is mounted to the base of the Dolphin housing. This arrangement produces an assembly with a low center of gravity providing a well-balanced system in the water.

After each dive,
soak and rinse
the light in salt
free water



Assembly of the RB-75 video light is an easy task. First, release the two catches on the battery box and separate the cover from the battery box. Slide the battery out of the box and connect it to the charger.

Note: The batteries are shipped in a discharged state and must be charged fully before use.

When the battery is charged, insert the battery into the box with the battery leads facing outward. Connect the lead wire to the mating plug in the box cap. Before closing the box, position the connector in the space of the cover such that there will be clearance and not pinch the wires or the connector. Be sure the o-ring is clean and seated in the groove of the cover. Position the battery box and the cover together and draw down the catches.

There should be no space between the mating surfaces.

Flooding will result if the cover and box are not joined correctly.

The lamp arms are mounted to the battery box and secured with the screws located at the base of the arms.

When mounting the video light to the housing, first, rest the battery pack on a flat surface with the lamp heads forward. Engage the slide rail of the housing into the channel of the battery pack. Slide the housing forward far enough to align the notch in the battery box with the thumb screw. Next, tighten the thumb screw to secure the light. Adjustments for center of

gravity can be made by sliding the box forward or backwards.

Test the lamps by rotating the switch located on the right side and front of the battery box. The switch has three positions:

- 1) One lamp on
2) Two lamps on
3) Center position is off

The switch can be locked in the off position by tightening the thumb screws.

The battery pack is made up of NiMH "D" cells. The heavy duty battery (10,000mAh) will provide over one hour of continuous "burn" with two lamps on. To recharge the battery simply remove it from the battery box and connect it to the charger provided. Full charge will take approximately 8 hours. After charging the battery packs should always be allowed a "cool down" period (approx. 30 to 60 minutes) before placing back inside the battery box. We recommend having a spare battery if using lights for multiple dives or on dive trips where the light will be needed for more than one hour.

Lamps - 12 Volt DC, 50 Watt halogen

NiMH Battery Pack with multi-voltage charger standard

Contact Ocean Images for spare lamps and battery packs.

Changing the Lamps

The thumbscrew on the base of the housing will be needed to push out the glass from the front of the lights.

Remove the plastic snap ring located on the front of the lamp head. Using a 5/32 Allen wrench, remove the Allen head screw and o-ring from the back of the lamp head. Thread the thumbscrew into the same opening to push out the glass from the front of the light head. This exposes the lamp/reflector assembly. Remove the thumbscrew. Unplug the lamp and replace with the new lamp.

NOTE: Do not touch the bulb with your fingers; always use a cloth or tissue to avoid fingerprints on the lamp.

Push the glass back in making sure the o-ring is in place. Insert the plastic snap ring and be sure it is seated in its groove. Place the o-ring and Allen head screw back into the rear of the lamp head.

CAUTION: NEVER LEAVE THE LAMPS ON, OUT OF THE WATER, FOR MORE THAN A FEW SECONDS AS THE HEAT GENERATED MAY DESTROY THE LAMP HOUSING. AS A MEASURE TO PREVENT ACCIDENTAL TURN-ON, ALWAYS STORE AND TRANSPORT YOUR LIGHT WITH THE BATTERY REMOVED FROM THE BATTERY BOX.