

# SOLAR BUOY'S

# AQUALANTERN®

SOLAR LIGHTED BUOY "LIGHT UP THE LAKE"

## OWNER OPERATOR MANUAL

### Safety Guidelines

Use proper hardware and tethering equipment for safe anchoring of your Aqua Lantern. Always follow your local rules and regulations for placement guidelines. Do not use the Aqua Lantern in an unlawful manner. Most bodies of water have a governing entity and the rules and regulations should be consulted prior to placement of the Aqua Lantern. For best use, the tethering to the buoy should be taught so the buoy does not fall on its side in wind and waves.

**Attention: Anchoring accessories (rope, anchor / weight) are not included.**



Mooring



Red



Green



Orange



Yellow



White

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### Step 1: Installing the D-ring on the bottom of the buoy:

Install the stainless-steel D-ring to the bottom of the buoy by aligning the four holes to the counter sunk brass insert threads on the bottom of the buoy. Screw in the four stainless steel Phillips screws into the bottom of the buoy (See below).



### Step 2: Installing the Solar Light Engine:

To install the Light Engine, apply the small tube of 100% silicone paste (included) to the threads of the light engine. Then simply screw the light engine into buoy by hand. Once hand tightened, finish tightening by putting the spanner wrench (included) in the notches on the outer edge of the Light Engine and twist the wrench clockwise (Below)



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### Step 3: Activate solar light engine:

If you wish to charge the Light Engine before installation into the buoy, you must remove the two small Philips head screws and the red triangular magnet assembly on the two retaining studs to activate the light engine. Small Phillips screwdriver included. Also remember to remove the clear plastic protective sheeting from the Light Engine solar lens so the solar lens receives full light from the sun.



**The solar light engine will not charge or illuminate without removing the red magnetic assembly. Once the magnetic red assembly is removed, the charged light engine will automatically illuminate at night and turn off during daylight.**

A minimum charge of a single day in intense, direct sunlight is required. If charging your lantern in the spring or fall, a second day of charging could be necessary. The solar light engine should illuminate for approximately 12 to 16 hours with fully charged. When the Aqua Lantern begins to rapidly blink it is conserving power and indicating the batteries need to be charged. When fully charged again, the light will revert to normal sequence.

### Step 4: Storing the Aqua Lantern:

When storing your Aqua Lantern, the following procedure achieves the best result for battery life. **IMPORTANT! Retain the magnet assembly and screws for re-use during Aqua Lantern off-season storage (below)**



Remove any water that may have gotten into the buoy while in use. To retain battery life, it is best to allow the solar buoy to be fully charged before storing for the winter. Once fully charged, place the red magnetic assembly back into the retaining studs and screw into place (above). This will deactivate the power connection and the light engine will remain off until the magnet assembly is removed in the spring.



After fully charging the batteries, you are now ready to **Light Up The Lake!**