

Quick Start Guide

SL-C510-AIS, 5-9NM Solar Marine Lantern

Introduction

The SL-C510-AIS is a high intensity, completely self-contained 5–9NM+ solar LED marine lantern. Integrated with AIS, it is designed and manufactured to withstand the tough marine environment, providing years of reliable, low-maintenance service.

Installation Parts



SL-C510-AIS
Lantern



Tablet, phone or
other device

Other Required Tools/Supplies

- 4mm Hex Key - source separately
- SealitePro® App via App Store/Google Play
- Cell phone or Internet Connection

1 Setting up the SL-C510-AIS marine lantern

1. Remove the SL-C510-AIS Lantern from the packaging.
2. Using a **4mm Hex key**, remove the 4 x M6 x 20 button head cap screws and 4 x M6 nylon washers.
3. Locate the on/off switch and turn the lantern on.

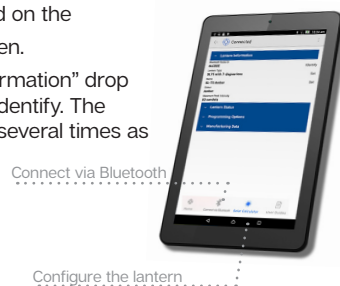


2 Pre-installation check

1. The factory default setting of the SL-C510-AIS is 0.5 seconds ON and 4.5 seconds OFF with operating mode of Dusk till Dawn. The lanterns flash character can be changed by using the IR programmer (sold separately) or downloading the SealitePro® mobile application and connecting to the lantern via Bluetooth®. [Download the user manual for alternate settings.](#)
2. To activate the lantern for testing, ensure the lantern is in darkness for 30 seconds. The SL-C510-AIS will begin flashing. In the event the lantern does not begin to flash, ensure the unit is in adequate darkness.
3. Once the lantern has started to flash, expose the lantern to light and within 30 seconds the SL-C510-AIS will stop flashing.
4. Finally, carefully re-align the lantern head to the chassis and replace the 4 x M6 x 20 button head cap screws and 4 x M6 nylon washers. To achieve a satisfactory seal, it is recommended that a torque of 3Nm is applied.

3 Connecting SL-C510-AIS to the SealitePro® App

1. Ensure the lantern is operational, as per instructions provided above. Note that only one device may be connected at any one time.
2. Download the SealitePro® App to your device that is available for both Android® and iOS platforms. Once downloaded, open the App on your device.
3. Connect to the lantern, by pressing "Connect via Bluetooth®".
4. Select a lantern displayed on the "Scan for Lanterns" screen.
5. Expand the "Lantern Information" drop down menu then press Identify. The lantern will flash quickly several times as confirmation.



4 Programming the AIS

The AIS should be programmed whilst the unit is in the OFF position. Please refer to the AIS section of the manual for programming.

5 Charging the Battery

New lanterns should be left in the sun with the internal switch in the OFF position for 1-2 days to ensure the battery is charged. Alternatively, the external charge port can be used to charge the battery (charger sold separately). Ensure the battery voltage is >13V before placing into service.

6 Preferred Installation Location

For best lantern performance, ensure solar modules are not covered or in shade. Lanterns exposed in clear view of the sky will result in optimum charging results.



A complete user guide is available to download from the Sealite website, visit: sealite.com/5-9nm-solar-marine-lanterns-slc510