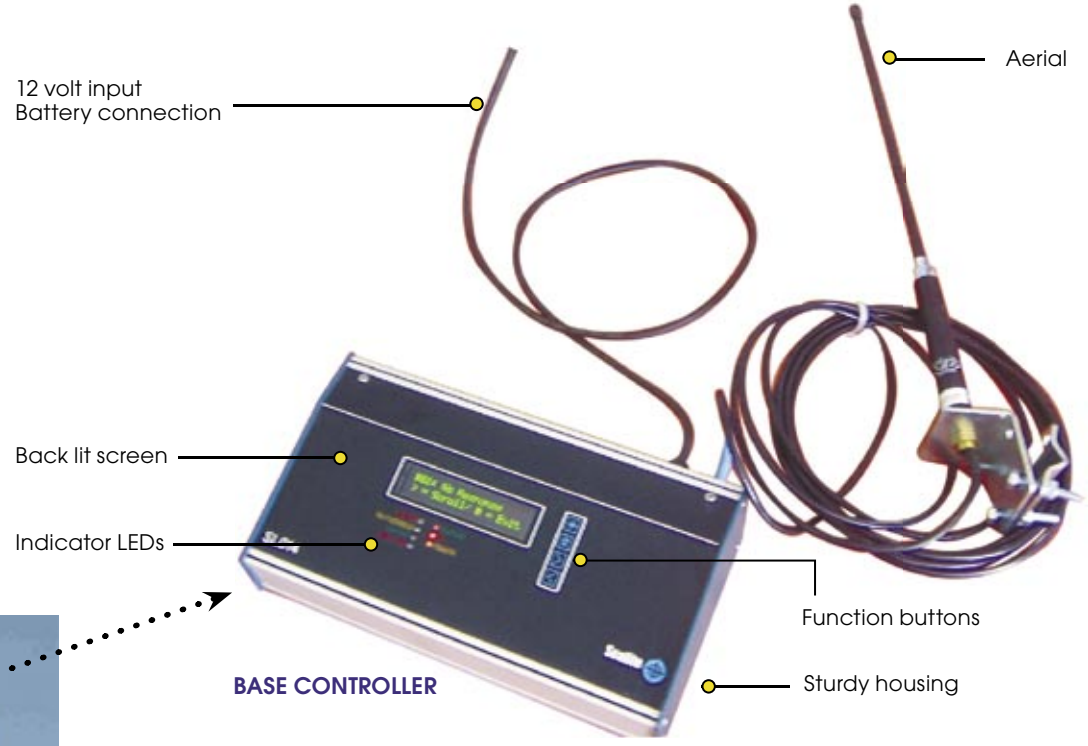

BASE CONTROLLER

RECEIVER SL125 LANTERN

Base controller communicates with receiver lantern

The Sealite Radio System provides users with the ability to conveniently monitor and manipulate Sealite lanterns via a portable base station from up to 30km.

Using a 900MHz or 2.4GHz line of sight radio link, the controlling radio base station (base controller) communicates with each receiver lantern, obtaining important information about the lantern's status such as battery voltage, position and flash setting, system errors and warnings (if any), the number of receiver lanterns connected to the system, and timer setup.

For example, if the lantern is mounted on a buoy the remote monitoring system will indicate GPS positioning, and the flash code and battery status.

The lanterns may be turned off and on for mooring, docking and entry requirements.

This technology has vastly improved the way many users maintain and control key marine AtoN and avoid costly call outs.

The Australian Navy utilizes Sealite's Radio System to remotely activate GPS-Synchronised SL125 Lanterns, which form a security zone when their vessels are in port.

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The Sealite Advantage

- Cost effective
- Instantaneous updates about AtoN status
- Unique identifier making it possible to activate and monitor each individual lantern separately
- Portability

The controlling radio base station (base controller) unit has a 2 line x 20 character display screen with menu access to the functions of the light.

Each receiver is fitted with a radio transceiver to relay and receive data from the radio base controller, and has a unique identifier making it possible to activate and monitor each individual lantern separately.

Typical Applications:

- Remote marine navigation lanterns
- Security lighting
- Boundary marking
- Scientific research projects
- Traffic management

Sample of options- contact up to 20 lanterns or more

Check latitude and longitude- lantern positioning

Verify lantern operating status

Verify lantern flash characteristic

Check battery condition

SPECIFICATIONS •

Base station	
Power Source	12VDC - (8v-15v range)
Current Consumption	80mA (idle), 150mA (max)
Tx/Rx Frequency	902-926MHz, 9600 Baud
Range	Dipole Antenna - 11km Line of Sight High Gain Antenna - 32km Line of Sight
Optional	Remote (hard-wired) ON/OFF control switch and ON/OFF indicator

Receiver Lantern Radio	
Power Source	12VDC nominal - (8v - 15v range)
Current Consumption	70mA (idle), 150mA (max)
Tx/Rx Frequency	902-926MHz, 9600 Baud
Range	Dipole Antenna - 11km Line of Sight High Gain Antenna - 32km Line of Sight
Output	3Amp diode protected FET (Switched to GND)

CE

• Specifications subject to change or variation without notice

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