



Radio Control System

V1_2014



The Sealite Advantage

- 2.4GHz worldwide accepted radio control
- Monitor & control lanterns via portable handheld radio controller unit
- Cost effective
- Unique identifier making it possible to activate lantern groups separately
- No base station or external aerials required (for radio controlled lanterns)
- Mesh networking system with extended operational range

Sealite's Radio Control System is designed to permit port and marina authorities to directly control the operation of single or grouped lanterns.

Controlled by a menu driven 2.4GHz handheld transceiver, lanterns may be;

- Activated or deactivated
- Flash character changed to any of the 256 codes available
- Intensity adjusted up to 8 levels
- Lanterns set to group flash synchronisation
- Lantern colour changed from green to red and other combinations (up to 3 different colours controlled independently) when supported by lantern LED configuration

Typical Applications

- Waterway control of traffic
- Indication of periodic closure to designated areas to marine traffic
- Warnings of discharging of hazardous material



Hand-held radio controller and charger in protective case



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Synchronised radio-controlled lanterns light up the Murray River, Australia

SPECIFICATIONS* *

Electrical Characteristics

Range	1.4km, peer-to-peer networking
Temperature Range	-40 to 80°C
Frequency (GHz)	2.4
Nominal Voltage (V dc)	7.2

Power Supply

Battery Type	High grade NiMH
Battery Capacity (Ah)	16
Battery Voltage (V dc)	7.2

Physical Characteristics

Case Material	Anodised aluminium
Screen	Backlit
Product Life Expectancy	Up to 12 years

Certifications

FCC Approved	M100103
CE	EN61000-6-3:1997, EN61000-6-1:1997
Quality Assurance	ISO9001:2008

Intellectual Property

Trademarks	SEALITE® is a registered trademark of Sealite Pty Ltd
Warranty *	1 year



* Specifications subject to change or variation without notice
* Subject to standard terms and conditions

