

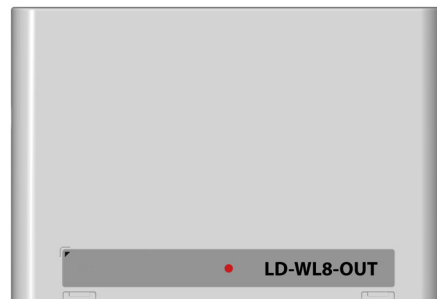
Lockdown Notification System

LD-WL8-OUT

Wireless Lockdown Single Output Module

Features

- ▶ Radio Equipment Directive (RED) compliant
- ▶ 24 VDC switched voltage output
- ▶ Bi-directional wireless communication
- ▶ Up to 10 years battery life**
- ▶ Self-optimising wireless amplitude and frequency
- ▶ Includes a fault monitoring input
- ▶ Optional Relay Module available



Description

The LD-WL8-OUT is a wireless Single Channel Output Module used as part of the Wireless Lockdown Notification System to indicate to other equipment when a message is playing.

Each output unit is allocated to pre-configured addresses on the LD-WL8-TRH translator. The addresses are allocated accordingly:

- Address 4 - Operates when message 1 is played.
- Address 5 - Operates when message 2 is played.
- Address 6 - Operates when message 3 is played.

Compatible with the LD-WL8-TRH Lockdown Translator and LD-WL8-EXP Lockdown Expander modules, the LD-WL8-OUT provides a switched voltage output to drive an Auxiliary relay.

It is recommended to use the LD-WL8-OUT in conjunction with the Identify Auxiliary Relay Unit. The Auxiliary Relay Unit provides a Volt Free Changeover output rated 5 A @ 30 VDC or 8 A @ 230 VAC. This output can then be used to signal which message is being played across the lockdown system to other monitoring equipment.

The LD-WL8-OUT is monitored for communication, tamper and low battery voltage fault states and will activate a failsafe output module (LD-WL8-OUT-FS) when a fault exists.

An LED status indicator is provided on the Output Module, in default setting this LED will be off in Standby mode and will only indicate when the output is active by flashing red. The LED can be configured to flash green to indicate Standby mode and yellow to indicate a fault state if required, however this will reduce the battery life.

Where additional space is required for installation of cables etc. back-box KM-BBOX-01 is available.

Ordering codes

Part no.	Description
LD-WL8-OUT	Wireless Lockdown Single Output Module
10-2710WSR-S	Identify Auxiliary Relay
KM-BBOX-01	Back box for K-Mesh Translator, Expander and Output Modules (complete with 2 x 20mm glands)



Specifications		
Operating frequency range	866 - 869.85 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Time period between wireless signal transmissions	2 minutes	
Operating temperature range	- 10 °C to + 55 °C	
Switched voltage rating*	30 VDC @ 1 A / 250 VAC @ 8 A	
Max. tolerated humidity	93% RH (non condensing)	
Dimensions (mm)	H 145 x W 210 x D 40 without back box (Depth increases to 90mm with back box)	
Weight (g)	350	
Power supply (Dual 3V lithium batteries)	1 x Primary cell (CR123A)	1 x Secondary cell (CR123A)
	1.2 Ahr	1.2 Ahr
	8 - 10 years primary battery life**	6 months secondary battery life

* Supply voltage dependent

** Dependent on operational usage

Recommended Output Module configuration

