

# Lockdown Notification System

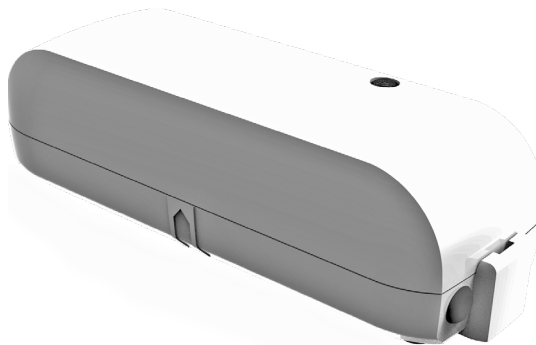


## LD-WL8-IN

### Wireless Lockdown Single Input Module

#### Features

- ▶ RED compliant
- ▶ Monitored Input
- ▶ Bi-directional wireless communication
- ▶ Self-optimising wireless amplitude and frequency
- ▶ Tamper Switch
- ▶ Up to 10 years battery life\*



#### Description

LD-WL8-IN is a wireless single channel monitored Input Module for use within a Kentec wireless lockdown system. Each input will be allocated to a wireless address between 11 and 20, these addresses have been pre-configured to play Voice Annunciator message 1 across the system when the input is activated. This allows the inputs to be used to provide remote lockdown activation points around the site.

The input can monitor the status of a volt free changeover contact such as a key operated switch or a Manual Call Point type device.

Compatible with Wireless Lockdown Translator and Expander Modules once activated the Input Module provides a signal to the translator which in turn will activate the Voice Annunciators to play the correct lockdown message through the Voice Annunciators.

The input is fully monitored for open and short circuit fault conditions and in either condition will activate a failsafe Output Module (LD-WL8-OUT-FS) on the wireless system when a fault exists.

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

An LED status indicator is provided on the Input 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.

An optional backbox is available (KM-BOX-02) which can be used for mounting the Input Module. This is an ABS enclosure which provides an enhanced IP rating (IP65) and a smoked see through lid.

#### Ordering codes

| Part no.  | Description                                             |
|-----------|---------------------------------------------------------|
| LD-WL8-IN | Wireless Lockdown Single Input Module                   |
| KM-BOX-02 | Back box for Input Module (complete with 1x 20mm gland) |



| Specifications                                       |                                        |                                 |
|------------------------------------------------------|----------------------------------------|---------------------------------|
| Operating frequency range                            | 866 - 869.85 MHz                       |                                 |
| Communication range<br>(in open air)                 | 1200 m                                 |                                 |
| Modulation type                                      | GFSK                                   |                                 |
| Operating frequency channels                         | 6                                      |                                 |
| Max. radiated power                                  | ≤ 25 mW                                |                                 |
| Time period between wireless<br>signal transmissions | 2 minutes                              |                                 |
| Operating temperature range                          | - 10 °C to + 55 °C                     |                                 |
| Max. tolerated humidity                              | 95% RH (non condensing)                |                                 |
| Input monitoring resistances                         | ≤ 0.2 kΩ                               | Short circuit fault             |
|                                                      | 0.5 - 2.5 kΩ                           | Alarm                           |
|                                                      | 4 - 7 kΩ                               | Normal operation                |
|                                                      | 10 - 20 kΩ                             | Alarm                           |
|                                                      | ≥ 40 kΩ                                | Open circuit fault              |
| Dimensions (mm)                                      | H 109 x W 37 x D 30 (without back box) |                                 |
| Weight (g)                                           | 70                                     |                                 |
| Power supply<br>(Dual 3V lithium batteries)          | 1 x Primary cell (CR123A)              | 1 x Secondary cell (CR2032)     |
|                                                      | 1.2 Ahr                                | 0.24 Ahr                        |
|                                                      | 8 - 10 years primary battery life*     | 3 months secondary battery life |

\*Dependent on operational usage