

Lockdown Notification System

LD-WL8-OV

Wireless Lockdown Voice Annunciator and VAD

Features

- ▶ RED compliant
- ▶ Configurable Voice Annunciator and VAD
- ▶ Tamper switch
- ▶ Up to 10 years battery life*
- ▶ Utilises standard low cost lithium battery technology
- ▶ Bi-directional wireless communications
- ▶ Self-optimising wireless amplitude and frequency
- ▶ Compatible with all Lockdown Translator/Expander Modules

Description

LD-WL8-OV is a Wireless Voice Annunciator with visual indication for use on Kentec wireless lockdown systems. LD-WL8-OV is compatible with the Kentec Wireless Lockdown Translator and Expander modules. Each LD-WL8-OV will be allocated an address on the wireless translator between 21 and 126.

The LD-WL8-OV is used to provide audible notifications in relation to a lockdown scenario, when activated the device will provide clear voice messages and a flashing white indication.

Three messages can be configured within the LD-WL8-OV for different lockdown conditions - Lockdown initiated message, Covert lockdown message, Lockdown all clear message. Only one message can be played at a time. Messages are played at a max sound pressure level of 91dB(A).

LD-WL8-OV devices are pre-configured with 3 default messages however messages can be customised as required.

Well proven adaptive radio signal processing algorithms are used within the device along with self-optimising wireless amplitude and frequency technology provide the highest levels of life safety and system reliability.



The LD-WL8-OV is 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 top of the device, in default setting this LED will be off in Standby mode. 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.

Primary and secondary batteries within the device are fully monitored for low voltage conditions, a low voltage fault will activate the failsafe output module to provide a fault output on the Kentec Wireless Lockdown system.



Ordering codes	
Ordering code	Description
LD-WL8-OV	WireLess Lockdown Voice Annunciator and VAD
KM-WL8-FWR	K-Mesh Voice Message Controller tool

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	
Number of messages	3 (only one message can be played at any one time)	
Max message length	32secs (Individual message length can vary, but total combined length must not exceed 32 secs)	
Default messages	Message 1 -	“There is an incident in the building. Please make your way to a secure place and wait for further instructions.”
	Message 2 -	“Attention please, Attention Please. The incident is over and the All Clear can be given.”
	Message 3 -	“Can Mrs Robinson come to reception please.”
Message format	.wav file 16KHz 8 bit)	
Sound pressure level @ 1m	Max 91 dB(A) for all messages	
Frequency range	500 - 3500 Hz	
VAD LED colour	White	
Flash frequency	0.5 Hz	
Operating temperature range	- 10 °C to + 55 °C	
Max. tolerated humidity	95% RH (non condensing)	
Dimensions (mm)	Ø 111 x H 74	
Weight (g)	215	
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*	2 months secondary battery life

* Dependent on operational usage.