



Wireless Fire Detection

KM-WL8-SND

Wireless Sounder

Features

- ▶ Flexible modular design
- ▶ Approved to EN54-3 and 25
- ▶ RED compliant
- ▶ Bi-directional wireless communication
- ▶ Self-optimising wireless amplitude and frequency
- ▶ Tamper Switch
- ▶ 4 Tone Settings
- ▶ Up to 10 year battery life*
- ▶ Easy to install

Description

The KM-WL8-SND is a wall mounted Wireless Sounder compatible with K-Mesh Translators and Expanders.

Four selectable tone settings are available providing audible indication to building occupants when an alarm event is triggered on the fire alarm system. Tone settings are easily configurable via DIP switches located within the sounder. Sounder volume can also be adjusted via an internal potentiometer with a maximum output of 93dB(A) at 1m.

KM-WL8-SND is designed for internal use only with an ABS enclosure rated IP21C.



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 Wireless Sounder enclosure is fitted with an anti-tamper switch which will signal a fault at the panel should the device be removed from its back box.

Primary and secondary batteries are fully monitored with low battery voltages being displayed on the Kentec Fire Alarm Control Panel.

Ordering codes

Part no.	EK-WL8-SND
KM-WL8-SND	Wireless Sounder

Standards & Approvals

EN54-3 Sounders

EN54-25 Components using Radio Links



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	
Number of tones	4 (set via DIL switch on the unit)	
Tone options	Pulsed tone 990Hz (500ms On / 500ms Off)	
	Dual tone 990Hz & 650Hz (250ms~250ms)	
	Continuous tone 990Hz	
	Pulsed tone (synchronized) 990Hz (1s On / 1s Off)	
Max. sounder output	93 dB(A) @ 1 metre	
Max. tolerated humidity	95% RH (non condensing)	
Operating temperature range	- 10 °C to + 55 °C	
Dimensions (mm)	H 108 x W 108 x D 97	
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*	3 months secondary battery life

*Dependent on operational usage