

Fire detection and evacuation solutions that save lives.

XP95 Open Area Sounder

Features

- Two volume settings
- Alert and Evacuate tones
- Synchronisation of tones
- Individual and group addressing
- Built-in short circuit isolator
- Wire-to-base for simple interchange of device
- Device locking facility
- IP65 rated
- Complies with AS7240-3

Description

The XP95 Open Area Sounder is a wall mounted device that has been designed to signal a fire alarm in open areas, indoors and outdoors environments. The sounder is line powered requiring no external power supply and incorporates Alert and Evacuation tones complying with the recommendations of AS7240-3.

The sounder is fully programmable for staged evacuation using the LoopSense and FireFinder control panels. Synchronisation of tones ensures the integrity of the alarm signal/tones from different sounders do not merge into one signal that could be mistaken for a different tone.

The Sounder is designed to fit to a common mounting base incorporating a simple twist and click insertion method which avoids wiring and connection problems. For systems requiring isolators at every point, the built-in isolator saves installation time and cost. A yellow Fault LED will also be illuminated when a detection loop short circuit is detected.

The built in acoustic self-test enables the sounder to listen to itself when it is switched on and if no sound is detected, a fault signal will be transmitted when the sounder is polled to the control panel.

The FireFinder and LoopSense range of Fire Detection panels will be able to drive up to 20 sounders. The maximum number of devices that may be connected to a particular loop can be accurately calculated using the Loop Calculator.

Sound Pressure Level at 1 metre

Angle	Horizontal Plane dB		Vertical Plane dB	
	Vmin	Vmax	Vmin	Vmax
15°	84.30	87.64	83.75	87.12
45°	86.30	89.69	85.97	89.40
75°	90.88	94.22	91.06	94.40
105°	91.07	94.45	91.20	94.55
135°	85.60	89.12	85.80	89.2
165°	83.77	87.19	83.91	87.29



Specifications

Operating Voltage	17 to 28Vdc
Current consumption at 24V	
Switch on surge	<1s 1.2mA
Quiescent	333µA
Sounder operated	5mA
Sound output (high volume)	Max 95dB Min 84dB
Sound output (low volume)	Max 88dB Min 79dB
Sound pattern (evacuate)	520Hz +/- 5% on a temporal 3 pattern (ISO8201)
Sound pattern (alert)	520Hz +/- 5%, 1 pulse of tone for 0.5 seconds followed by 3.5 seconds of silence (ISO7731)
Dimensions	97.5mm Dia x 104mm H
Weight	225 grams
Operating temperature	-10°C to +55°C (no icing)
Humidity (no condensation)	0 to 95% (non condensing)
IP rating	IP65
Sounder type	Type B
Approval	AS7240-3:2014

Item Numbers

4107-4002	XP95 Open Area Sounder Red
4107-4003	XP95 Open Area Sounder White