

XP95 Integrated Base Sounder

Features

- Two volume ranges
- Alert and Evacuate tones
- Synchronisation of tones
- Individual and group addressing
- Built-in short circuit isolator
- Unique acoustic self-test
- Complies with AS7240-3



Description

The Integrated Base Sounder comprises a sounder with integral detector mounting base and has been designed to signal a fire alarm in enclosed areas. The sounder is line powered requiring no external power supply and is designed for internal use.

Alert and Evacuation sounder tones complying with the recommendations of AS7240-3 are incorporated which are fully programmable for staged evacuation within the LoopSense and FireFinder control panels.

The low volume range is useful in areas such as hospitals where a fire alert is initially intended to warn staff only. The sounder is set to high volume range for general use.

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.

For systems requiring isolators at every point the built-in isolator saves installation time and cost.

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 sounder base can be used either with a detector fitted or with a cap for operation as a stand-alone alarm device.

Specifications

Operating Voltage	17 to 28 VDC
Current consumption at 24V	
Switch on surge	<1s 1.2 mA
Quiescent	200µA
Sounder operated	5mA
Sound output (high volume)	Max 86db Min 69dB
Sound output (low volume)	Max 72dB Min 56dB
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	115mm x 38mm
Weight	140 grams
Operating temperature	-20°C to +60°C
Humidity (no condensation)	0 to 95%
IP rating	21D
Sounder type	Type A
Approval	AS7240-3:2014

Sound Pressure Level at 1 metre

Angle	Horizontal Plane dB		Vertical Plane dB	
	Vmin	Vmax	Vmin	Vmax
15°	76.90	81.21	69.80	74.44
45°	74.08	78.49	69.72	74.22
75°	78.69	83.09	78.48	82.92
105°	77.72	82.23	78.33	82.72
135°	72.81	77.39	76.26	80.76
165°	74.16	78.53	81.13	85.65

Item Numbers

4107-4001	XP95 Integrated Base Sounder
201-0114	XP95 White Base Sounder Cap
201-0119	XP95 Red Base Sounder Cap