

Fire detection and evacuation solutions that save lives.

# VSO Ceiling Mount Base Sounder

## Features

- 32 selectable sounder tones
- Switch selectable volume output levels
- Modem ultra-low profile for discreet mounting
- Designed to accept most leading detector bases
- Two colour options
- Designed to work with conventional alarm circuits
- Synchronisation between devices
- AS4428-16:2015 compliant tones

## Description

The VSO ceiling mount base sounder is part of the Vantage family of products and has been designed for fire alarm system applications. The VSO base sounder is for use with conventional fire alarm systems and is designed to accept all Ampac detector bases while offering a cost effective solution to sounder installation.

The sounder function, like all the Vantage family of products, is a low profile sounder with 32 selectable tones as standard and is factor set to the Australian compliant AS4428-16 tone. The sounder has the option of a changeover facility from Alert to Evacuate tone, when installed using 3 core cable.

All tones have been selected to comply with latest sound patterns and frequencies used throughout the world. All tones are fully synchronised.

When a detector is not being mounted to the sounder a blank cover plate is available so that the unit can be used as a standalone sounder.

Refer tone table for full list of available tones.

## Tone 20 - Australian Evac Tone SPL Table

Angle	Horizontal Plane dB(A)		Vertical Plane dB(A)	
	Vmin	Vmax	Vmin	Vmax
15°	87.9	91.1	87.3	90.3
45°	86.2	89.3	90.1	93
75°	88.3	91.3	91.1	94.1
105°	88.9	91.9	88.1	91.1
135°	87.9	90.8	88.5	91.3
165°	84.3	87.4	84.4	87.7



## Specifications

Volume settings	3 - high, medium & low
Voltage	18 to 30Vdc
Current at Vmax (28 Vdc)	13mA high, 8mA med, 6mA low
Current at Vmin (21 Vdc)	10mA high, 5mA med, 4mA low
Sound output typical	Max 90.9dB (high)
Sound pattern (Evacuate)	520Hz +/- 5% on a temporal 3 pattern (ISO8201)
Sound pressure (Alert)	520Hz +/- 5%, 1 pulse of tone for 0.5 seconds followed by 3.5 seconds of silence (ISO7731)
Number of tones	32 (refer tone table)
Temperature range (°C)	-20°C to + 70°C
Monitoring	Reverse polarity
Protection rating	IP21C (shallow body)
Dimensions	Ø 20mm x 20mm D
Boxed weight (kg)	0.11
Body colour	White or Ivory (ABS fire retardant plastic)
Sounder type	Type A
Approval	AS7240-3:2014

## Item Numbers

4107-3005	VSO Sounder White Body
4107-3006	VSO Sounder Ivory Body
4107-3008	VSO White Sounder Cover Plate