

Fire detection and evacuation solutions that save lives.

VTG Sounder

Features

- 32 selectable sounder tones
- Factory set AS4428-16:2015 compliant tones
- Shallow body IP21C and deep body IP65C
- Body colour options - Red and White
- Removal cover on deep base for surface wiring
- Designed to work with conventional alarm circuits
- Base locking mechanism
- Synchronisation between devices
- Switch selectable volume output levels

Description

The VTG sounder is part of the Vantage family of products and has been designed for fire alarm system applications.

The sounder function, like all the Vantage family of products, is a low profile sounder with 32 selectable tones as standard and is factory 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.

The VTG is available with red or white body incorporating a shallow or deep mounting base.

Refer tone table for full list of available tones.

Item Numbers

4107-3001	VTG Sounder Red Shallow Body
4107-3002	VTG Sounder Red Deep Body
4107-3003	VTG Sounder White Shallow Body
4107-3004	VTG Sounder White Deep Body

Tone 20 - Australian Tone SPL Table

Angle	Horizontal Plane dB(A)		Vertical Plane dB(A)	
	Vmin	Vmax	Vmin	Vmax
15°	91.10	93.10	90.10	91.50
45°	99.20	101.30	98.90	101.10
75°	100.10	102.20	100.10	102.10
105°	99.60	101.70	99.90	102.00
135°	100.30	102.40	100.10	102.20
165°	96.00	98.20	96.00	98.30



Specifications

Volume settings	3 - high, medium & low
Voltage	21.6 to 28Vdc
Current at Vmax (28 Vdc)	39mA high, 17mA med, 8mA low
Current at Vmin (21 Vdc)	25mA high, 11mA med, 5mA low
Sound output typical	Max 101 dB (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)
Temperature range (°C)	-20°C to + 70°C
Monitoring	Reverse polarity
Protection rating (AS7240-3) (BS EN60629)	IP21C (shallow) IP33C (deep) IP65C (deep body)
Dimensions	Ø 94mm x 85mm D (shallow) Ø 94mm x 100mm D (deep)
Boxed weight (kg)	0.22 (shallow) 0.25 (deep)
Body colour	Red or White
Sounder type	Type A
Approval	AS7240-3:2014