

# Vimpex Base Sounder

The slimmest sounder in its class, the Vimpex Base Sounder supplies true omni-directional sound output and is fully compatible with the other sounders in the range.

The sounder comes with 32 user-selectable tones incorporating low frequencies, high frequencies, European, American and Australian norms and all industry-standard frequency patterns.

Tested and approved to EN 54 Part 3, the Vimpex Base Sounder fits neatly under any ceiling mounted fire detector or can be mounted stand-alone with the use of a front blanking plate.

The unit is available in three colours - white, ivory and red, to match the majority of fire detectors currently available.



## Features

- 32 Tones
- EN 54-3 tested and fully approved in accordance with CPR
- Slimmest profile in the industry
- Low current consumption
- Available in white, ivory and red to match to detectors
- Omni-directional sound
- Front plate for stand-alone use available
- Four selectable volume levels
- Installer friendly terminals
- Ceiling or wall mounting
- Robust and easily connected 'two in two out' 2.5mm terminals

## Specification

Operating Voltage (Vdc):	18-30
Tone Current Consumption (mA):	See Tone Sound Table
Sound Output (dBA Typ @ 1m):	See Tone Sound Table
Tones Available:	See Tone Sound Table
Body Colours:	White, Ivory, Red
Temperature Range (Deg C):	-10 + 50
Volume Control:	1. Max. 2. High (-6 dBA) 3. Medium (-12 dBA) 4. Low (-18 dBA)
Environment Category:	Type A (Indoor)

# Installation & Tone Specification

## Sound Output and Tone Specification

No.	Tone Name	Tone Description	Alt	Current (mA) at 30 V	24Vdc	EN 54-3
			Tone	Max	dBA @ 1m	Volume Settings
1	Banshee Buzz LF	800 Hz to 950 Hz swept at 120 Hz	4	15	91.2	-
*2	Banshee Fast Sweep LF	800 Hz to 950 Hz swept at 9 Hz	4	15	90.4	1, 2, 3, 4
3	Banshee Slow Sweep LF	800 Hz to 950 Hz swept at 3 Hz	4	16	90.8	-
4	Banshee Continuous LF	Continuous 900 Hz	4	16	89.3	-
5	Banshee Fast Sweep LF	830 Hz to 970 Hz swept at 9 Hz	4	17	89.5	-
*6	Medium Sweep LF	800 Hz to 970 Hz swept at 1 Hz	7	17	89.7	1, 2, 3, 4
7	Continuous LF	Continuous 950 Hz	7	17	83.4	-
8	Alert Tone	Intermittent 970 Hz 1 s on, 1 s off	4	18	83.6	-
9	Alternate LF	Alternating 800 Hz/1000 Hz at 1 Hz	4	18	86.9	-
10	Medium Sweep LF	800 Hz to 1000 Hz swept at 2 Hz	4	17	86.2	-
11	Alternate LF	Alternating 800 Hz/950 Hz at 3 Hz	4	16	87.1	-
12	Banshee Buzz HF	2400 Hz to 2900 Hz swept at 120 Hz	15	13	91.2	-
13	Banshee Fast Sweep HF	2400 Hz to 2900 Hz swept at 9 Hz	15	12	89.7	-
14	Banshee Slow Sweep HF	2400 Hz to 2900 Hz swept at 3 Hz	15	13	88	-
15	Banshee Continuous HF	Continuous 2900 Hz	15	10	87.3	-
16	Banshee Fast Sweep HF	2450 Hz to 3100 Hz swept at 9 Hz	15	12	87.6	-
17	Back Up Alarm HF	Intermittent 2900 Hz 1 s on, 1 s off	15	10	87.2	-
18	Low Frequency Tone	Continuous 520 Hz tone	15	10	93.1	-
*19	Slow Whoop	500 Hz rising to 1200 Hz over 3.5 s, silence 0.5 s, repeat	4	17	94.2	1, 2, 3, 4
*20	DIN Tone (DK)	1200 Hz falling to 500 Hz over 1 s, silence 10 ms, repeat	4	17	92	1, 2, 3, 4
*21	French Fire Sound	554 Hz for 100 ms and 440 Hz for 400 ms	4	9	91.2	1, 2, 3, 4
*22	Hi-Lo Warble	925 Hz / 0.25 s, 628 Hz / 0.25 s	8	16	90.9	1, 2, 3, 4
23	Australian Evacuation Signal	500 Hz to 1200 Hz 0.5s on / 0.5s off 3 times, silence for 1 s and repeat (AS1670)	4	14	88.2	-
24	US Temporal Tone LF	950 Hz for 0.5 s on. 0.5 s off 3 times, silence for 1 s and repeat	4	17	87.7	-
25	US Temporal Tone HF	2900 Hz for 0.5s on. 0.5s off 3 times, silence for 1 s and repeat	15	10	86.9	-
26	Swedish Tone (Fire)	Intermittent 660 Hz 150 ms on, 150 ms off	26	10	77.8	-
27	Swedish Tone (All Clear)	Continuous 660 Hz	27	10	79.3	-
28	ISO 8201 LF	Intermittent 970 Hz 500 ms on, 500 ms off	28	17	86.3	-
29	ISO 8201 HF	Intermittent 2900 Hz 500 ms on, 500 ms off	29	10	90.8	-
30	Australian Alert Signal	Intermittent 420 Hz 625 ms on, 625 ms off	31	8	90.7	-
*31	Alternate Evacuation Tone	970 Hz 0.5 s / 630 Hz 0.5s	8	18	92.5	1, 2, 3, 4
32	Bell Tone	Mix of frequencies to simulate fire alarm bell	32	26	99.9	-

Notes: \*Tones highlighted in bold are approved under the Construction Product Regulation; Sound output (dBA) and current (mA) values are typical.

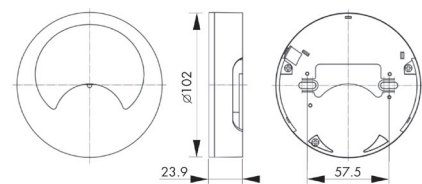
## Part Numbers

IDBTS-W: Vimpex Base Sounder, White

IDBTS-i: Vimpex Base Sounder, Ivory

IDBTS-R: Vimpex Base Sounder, Red

## Installation



Dimensions (mm)

## Vimpex Ltd

Star Lane, Great Wakering Essex

SS3 0PJ England

Tel: +44 (0) 1702 216999

E-mail: sales@vimpex.co.uk

www.vimpex.co.uk



Shaping Alarm Technology