INSTALLATION INSTRUCTIONS

Identifire Base Sounder

Models: IDBTS-W

CE 16
0359

General

Operating voltage: 18 - 30 V d.c.
Current consumption: dependent on tone and volume setting. See table overleaf.
IP rating: IP21C.

Type A device - for installation indoors. May be suitable for outdoor installation in protected environments. Fire detector may be affixed to Identifire Base Sounder after installation of Identifire Base Sounder is complete. Fire detector operates from separate circuit to Identifire Base Sounder and is wired according to fire detector instructions. If affixing fire detector, ensure fixing location provides appropriate coverage for fire detector type and fix only to ceiling. If not affixing fire detector, can be fixed to ceiling or to wall.

Incorporates facility for playing Alternative tone when desired, via ALT terminal, when sounding. If ALT terminal is at same voltage as Positive power in, or is left unconnected, plays main tone. If however ALT terminal is connected to Negative power in, plays Alternative tone.

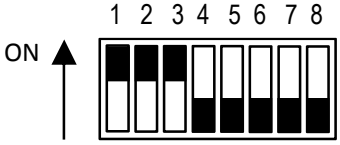
Installation

1. Set DIP switches using tables below for volume setting and overleaf for tone selection:

Volume Settings (VS)				
No	Sound Level	DIL Switch Settings		
		1	2	3
1	0 dB (max)	**ON**	**ON**	**ON**
2	-6 dB	**ON**	**ON**	OFF
3	-12 dB	OFF	OFF	**ON**
4	-18 dB (min)	**ON**	OFF	OFF

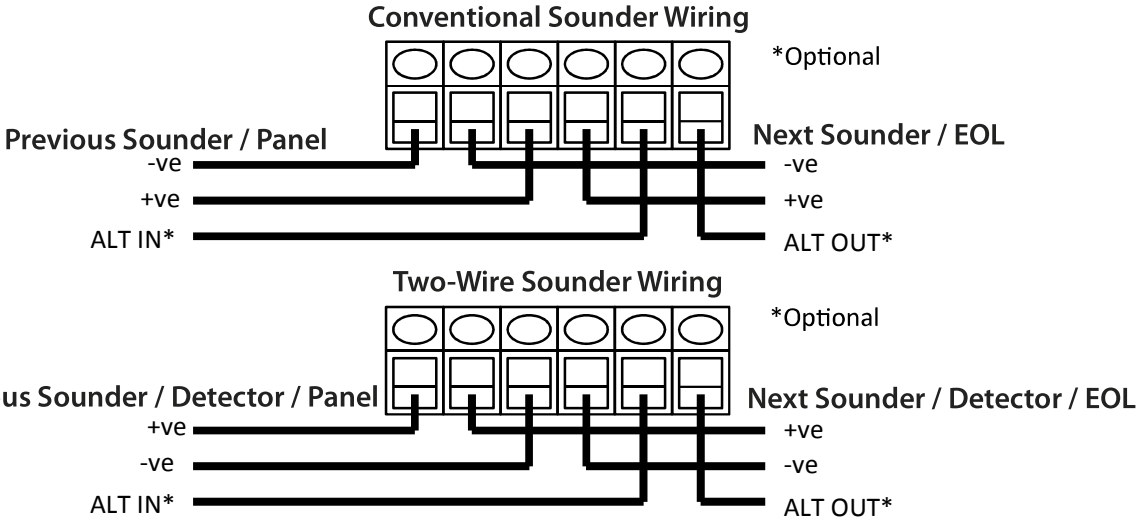
Volume reductions are approximate and depend on tone selected.

DIL switch for Volume and Tone Setting.



Example above shows the maximum volume set at Tone number 1.

2. Offer up to fixing position. Feed cables for sounder and for fire detector (if fitted) through central aperture in Identifire Base Sounder and secure to fixing position using appropriate screws (not supplied) via oval-shaped fixing slots.
3. Terminate sounder circuit wiring / Two-wire zone wiring to terminal block.



4. If fitting fire detector:

   Mount fire detector to Identifire Base Sounder according to manufacturer's instructions, using fixing pillars located in Identifire Base Sounder with the two fixing screws supplied. Two sets of diametrically-opposed pillars are provided to allow optimum alignment and rotation of fire detector.

   If not fitting fire detector:

   Place supplied cover in position and push cover onto Identifire Base Sounder until it snaps home. A removal key is provided; to remove cover, insert end of key into central hole, rotate and pull.

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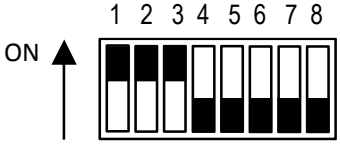

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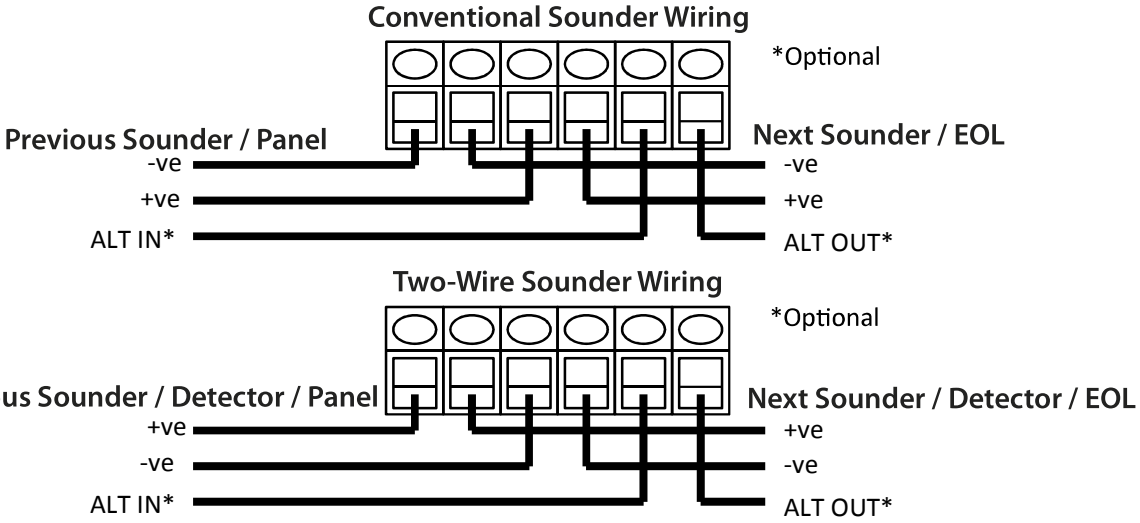

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INSTALLATION INSTRUCTIONS

Maintenance

Test weekly. Inspect regularly to ensure outer body is clean and free from dirt/debris and obstruction of horn apertures positioned to sounder sides. When necessary, clean with a cloth dampened with water only - do not use chemicals or abrasives.

Disposal

Return to supplier for disposal under WEEE Directive.

Additional Information

For details of sound levels obtained under test conditions specified in EN 54-3, refer to Technical Information Sheet TI/IDBTS.

Tone Table

Tone Selection, Alternative Tone and Current Consumption													
No	Tone Name	Tone Description	Alt Tone	DIL Switch Settings					24Vdc		EN 54-3
				4	5	6	7	8	mA	VS No. 1 dB(A) @ 1m	VS volume settings
1	Banshee Buzz LF	800 Hz to 950 Hz swept at 120 Hz	4	OFF	OFF	OFF	OFF	OFF	15	91	-
*2	Banshee Fast Sweep LF	800 Hz to 950 Hz swept at 9 Hz	4	OFF	OFF	OFF	OFF	ON	15	90	1,2,3,4
3	Banshee Slow Sweep LF	800 Hz to 950 Hz swept at 3 Hz	4	OFF	OFF	OFF	ON	OFF	16	91	-
4	Banshee Continuous LF	Continuous 900 Hz	4	OFF	OFF	OFF	ON	ON	16	89	-
5	Banshee Fast Sweep LF	830 Hz to 970 Hz swept at 9 Hz	4	OFF	OFF	ON	OFF	OFF	17	89	-
*6	Medium Sweep LF	800 Hz to 970 Hz swept at 1 Hz	7	OFF	OFF	ON	OFF	ON	17	90	1,2,3,4
7	Continuous LF	Continuous 950 Hz	7	OFF	OFF	ON	ON	OFF	17	83	-
8	Alert Tone	Intermittent 970 Hz 1 s on, 1 s off	4	OFF	OFF	ON	ON	ON	18	83	-
9	Alternate LF	Alternating 800 Hz/1000 Hz at 1 Hz	4	OFF	ON	OFF	OFF	OFF	18	87	-
10	Medium Sweep LF	800 Hz to 1000 Hz swept at 2 Hz	4	OFF	ON	OFF	OFF	ON	17	86	-
11	Alternate LF	Alternating 800 Hz/950 Hz at 3 Hz	4	OFF	ON	OFF	ON	OFF	16	87	-
12	Banshee Buzz HF	2400 Hz to 2900 Hz swept at 120 Hz	15	OFF	ON	OFF	ON	ON	13	91	-
13	Banshee Fast Sweep HF	2400 Hz to 2900 Hz swept at 9 Hz	15	OFF	ON	ON	OFF	OFF	12	90	-
14	Banshee Slow Sweep HF	2400 Hz to 2900 Hz at swept at 3 Hz	15	OFF	ON	ON	OFF	ON	13	88	-
15	Banshee Continuous HF	Continuous 2900 Hz	15	OFF	ON	ON	ON	OFF	10	87	-
16	Banshee Fast Sweep HF	2450 Hz to 3100 Hz swept at 9 Hz	15	OFF	ON	ON	ON	ON	12	88	-
17	Back Up Alarm HF	Intermittent 2900 Hz 1 s on, 1 s off	15	ON	OFF	OFF	OFF	OFF	10	87	-
18	Low Frequency Tone	Continuous 520 Hz	15	ON	OFF	OFF	OFF	ON	10	93	-
*19	Slow Whoop	500 Hz rising to 1200 Hz over 3.5 s, silence 0.5 s, repeat	4	ON	OFF	OFF	ON	OFF	17	94	1,2,3,4
*20	DIN Tone (DK)	1200 Hz falling to 500 Hz over 1 s, silence 10 ms, repeat	4	ON	OFF	OFF	ON	ON	17	92	1,2,3,4
*21	French Fire Sound	554 Hz for 100 ms and 440 Hz for 400 ms	4	ON	OFF	ON	OFF	OFF	9	91	1,2,3,4
*22	High Low Warble	925 Hz / 0.25 s, 628 Hz / 0.25 s	8	ON	OFF	ON	OFF	ON	16	91	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	ON	OFF	ON	ON	OFF	14	88	-
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	ON	OFF	ON	ON	ON	17	88	-
25	US Temporal Tone HF	2900 Hz for 0.5 s on. 0.5 s off 3 times, silence for 1 s and repeat	15	ON	ON	OFF	OFF	OFF	10	87	-
26	Swedish Tone (Fire)	Intermittent 660 Hz 150 ms on, 150 ms off	26	ON	ON	OFF	OFF	ON	10	78	-
27	Swedish Tone (All Clear)	Continuous 660 Hz	27	ON	ON	OFF	ON	OFF	10	79	-
28	ISO 8201 LF	Intermittent 970 Hz 500 ms on, 500 ms off	28	ON	ON	OFF	ON	ON	17	86	-
29	ISO 8201 HF	Intermittent 2900 Hz 500 ms on, 500 ms off	29	ON	ON	ON	OFF	OFF	10	91	-
30	Australian Alert Signal	Intermittent 420 Hz 625 ms on, 625 ms off	31	ON	ON	ON	OFF	ON	8	91	-
*31	Australian Evacuation Tone	970 Hz / 0.5 s, 630 Hz / 0.5 s	8	ON	ON	ON	ON	OFF	18	92	1,2,3,4
32	Bell Tone	Mix of frequencies to simulate fire alarm bell	32	ON	ON	ON	ON	ON	26	100	-

Currents apply to maximum volume setting, main tone. In column 'EN 54-3 volume settings', volume settings refer to No. in table of Volume Settings. Tones with '-' have not been assessed for compliance.

Approval

Approval : EN54-3: 2001+A1: 2002+A2: 2006
DoP : 0359-CPR-00499

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