CONVENTIONAL DETECTORS

Installation

Banshee Excel Lite™ CHX/CHL Sounder Beacon

Standard Base — 15, 85, 14, 80, Locking screw

Deep Base (IP66) — 15, 109, 37, 20, 30, 45°, Slot 4.., Locking screw, Cable gland entries x2 (x1 on reverse)
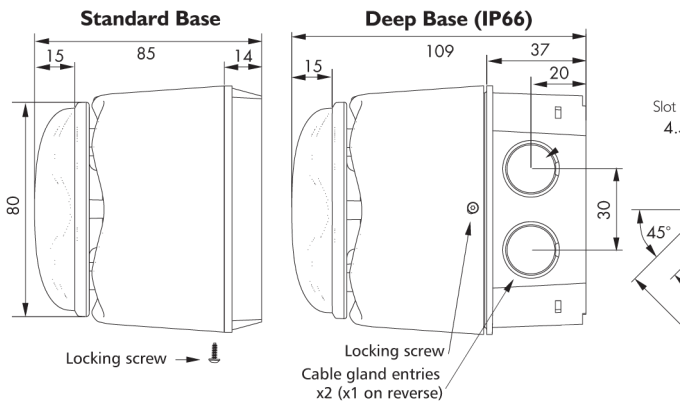
#Sound Output Table & Tone Specification

No.	DIL SW 1 2 3 4 5	Description	Frequency and timing	2nd Ton	(12V) dBA		(24V) dBA	
1	0 0 0 0 0	Banshee Buzz LF	800Hz to 950Hz swept at 120Hz	4	94	6	100	12
2	1 0 0 0 0	**Banshee Fast Sweep LF***	**800Hz to 950Hz swept at 9Hz**	4	94	6	100	12
3	0 1 0 0 0	Banshee Slow Sweep LF	800Hz to 950Hz swept at 3Hz	4	94	6	100	12
4	1 1 0 0 0	Banshee Continuous LF	Continuous at 900Hz	4	94	6	100	12
5	0 0 1 0 0	Banshee Fast Sweep LF (New)	830Hz to 970Hz swept at 9Hz	4	93	6	100	12
6	1 0 1 0 0	**Medium Sweep LF***	**800Hz to 970Hz swept at 1Hz**	7	94	6	100	12
7	0 1 1 0 0	Continuous LF	Continuous at 950Hz	7	94	6	99	13
8	1 1 1 0 0	Back Up Alarm LF	Intermittent at 950Hz 1 sec on, 1 sec off	4	93	6	99	14
9	0 0 0 1 0	Alternate LF	Alternating 800Hz/1000Hz at 1Hz	4	94	6	100	13
10	1 0 0 1 0	Medium Sweep LF	800Hz to 1000Hz swept at 0.5 secs	4	94	6	100	12
11	0 1 0 1 0	Alternate LF	Alternating Tones 800/950 at 3Hz	4	94	6	101	12
12	1 1 0 1 0	Banshee Buzz HF	2400Hz to 2900Hz at 120Hz	15	102	16	109	35
13	0 0 1 1 0	Banshee Fast Sweep HF	2400Hz to 2900Hz at 9Hz	15	103	17	110	35
14	1 0 1 1 0	Banshee Slow Sweep HF	2400Hz to 2900Hz at 3Hz	15	103	17	110	35
15	0 1 1 1 0	Banshee Continuous HF	Continuous 2900Hz*	15	103	19	109	39
16	1 1 1 1 0	Banshee Fast Sweep HF (New)	2450Hz to 3100Hz swept at 9Hz	15	103	18	109	36
17	0 0 0 0 1	Back Up Alarm HF	Intermittent at 2900Hz 1 sec on, 1 sec off*	15	103	18	109	37
18	1 0 0 0 1	Alternate HF	Alternating Tones 2400/2900 at 3Hz	15	104	17	110	36
19	0 1 0 0 1	**Slow Whoop***	**500hz rising to 1200hz over 3.5 secs, silence 0.5 sec**	4	95	6	101	12
20	1 1 0 0 1	**Din Tone (DK)***	**1200Hz falling to 500Hz over 1 sec, silence 10mS, repeat**	4	93	5	100	10
21	0 0 1 0 1	**French Fire Sound***	**554Hz for 100mS and 440Hz for 400mS**	4	90	4	96	7
22	1 0 1 0 1	Australian Alert Signal	420Hz repeating 0.625 sec on, 0.625 sec off	4	89	3	94	6
23	0 1 1 0 1	Australian Evacuation Signal	500Hz to 1200Hz sweeping, 3.75 secs on, 0.25 secs off	4	95	6	101	12
24	1 1 1 0 1	US Temporal Tone LF	950Hz for 0.5 sec on. 0.5 sec off for 3 phases, silence for 1.5secs and repeat	4	93	5	99	10
25	0 0 0 1 1	US Temporal Tone HF	2900Hz for 0.5 sec on. 0.5 sec off for 3 phases, silence for 1.5secs and repeat	15	103	13	109	27
26	1 0 0 1 1	Swedish Tone (Fire)	Intermittent 660Hz 150mS on, 150mS off	26	90	3	96	6
27	0 1 0 1 1	Swedish Tone (All Clear)	Continuous 660Hz	27	91	5	97	9
28	1 1 0 1 1	ISO8201 LF	Intermittent 970Hz 500mS on, 500mS off	28	90	5	96	10
29	0 0 1 1 1	ISO8201 HF	Intermittent 2900Hz 500mS on, 500mS off*	29	103	13	109	27
30	1 0 1 1 1	BT Banshee (FP1063.1)	Yodel 800Hz/1000Hz, 0.25sec each frequency	31	94	6	100	12
31	0 1 1 1 1	BT Banshee (FP1063.1)	Continuous 1000Hz	31	88	6	94	14
32	1 1 1 1 1	Bell Tone	Bell Tone	32	94	12	99	25

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

Part Numbers - Spares & Accessories

8502700: Mains Pack - 110 Vac/230 Vac input 24 Vdc output
8502800: Cable Spacing Ring for Surface Wiring of sounder
8502900: Flush Mounting Ring - for Banshee Excel, Excel Lite
8503000: Combination bracket - for Sounders and Strobes
8503100: External Fixing Clip for Deep Base (avoids drilling base thus retaining IP66 rating)
BA8733I/P: Deep Base - White, complete with 'O' Ring
BA8734I/P: Deep Base - Red, complete with 'O' Ring
BA8735I/P: Deep Base - Grey, complete with 'O' Ring

Part Numbers

(Model-Body Col/Lens Col/ Base)
958CHL1000: CHL-Red/Red/Std
958CHL1001: CHL-Red/Red/Deep
958CHL1100: CHL-Red/Clear/Std
958CHL1101: CHL-Red/Clear/Deep
958CHL1500: CHL-White/Red/Std
958CHL1501: CHL-White/Red/Deep
958CHL1600: CHL-White/Clear/Std
958CHL1601: CHL-White/Clear/Deep
958CHX1000: CHX-Red/Red/Std
958CHX1001: CHX-Red/Red/Deep
958CHX1100: CHX-Red/White/Std
958CHX1101: CHX-Red/White/Deep
958CHX1200: CHX-Red/Amber/Std
958CHX1201: CHX-Red/Amber/Deep
958CHX1300: CHX-Red/Blue/Std
958CHX1301: CHX-Red/Blue/Deep
958CHX1400: CHX-Red/Green/Std
958CHX1401: CHX-Red/Green/Deep
958CHX1500: CHX-White/Red/Std
958CHX1501: CHX-White/Red/Deep
958CHX1600: CHX-White/Clear/Std
958CHX1601: CHX-White/Clear/Deep
958CHX1700: CHX-White/Amber/Std
958CHX1701: CHX-White/Amber/Deep
958CHX1800: CHX-White/Blue/Std
958CHX1801: CHX-White/Blue/Deep
958CHX1900: CHX-White/Green/Std
958CHX1901: CHX-White/Green/Deep