

E-4

Flexibility is paramount

Premium Industrial Warning Siren



- **100% Maintenance Free:** Nothing to lubricate, cool, nor maintain
- **32 Different Sounds:** Choose from these sounds to fine tune your signaling for the best results.
- **Compatibility:** This siren will integrate seamlessly with most existing siren and evacuation systems.
- **1 year Warranty:** rest assured your siren will be functional at all times and enjoy the confidence of free lifetime tech support and the best customer service in the industry.

For those looking for a powerful electronic siren in a compact package, Sentry Siren offers the E-4. This extra high output Siren, 113 db(A) (nominal), is highly effective where the ambient noise level is excessive. The Model E-4 features Thirty Two distinctive sounds, including ISO certified and country specific warning sounds. All sounds can be obtained from a two wire supply. The E-4 can be ordered to accept between 9 to 30 VDC, or 110 VAC-220 VAC. When versatility is a must, the E-4 is at home in a wide range of industrial, office, hotel and many other emergency signaling environments.

Siren is 3 5/8" Ht. x 3 5/8" Wd. x 2 7/8" dp. and made of ABS thermoplastic. It has two wire leads and a 1" NPT rigid conduit opening. Mounting hardware not included. Red in color.

Can be mounted using supplied base or with optional 4 X 4 Electrical Box and Blank. Sirens draw .015 amps @ 110 VAC, .008 amps @ 220 VAC, .06 amps @ 12 VDC, and .03 amps @ 24 VDC.

Versatility and Power at the Right Price !!!



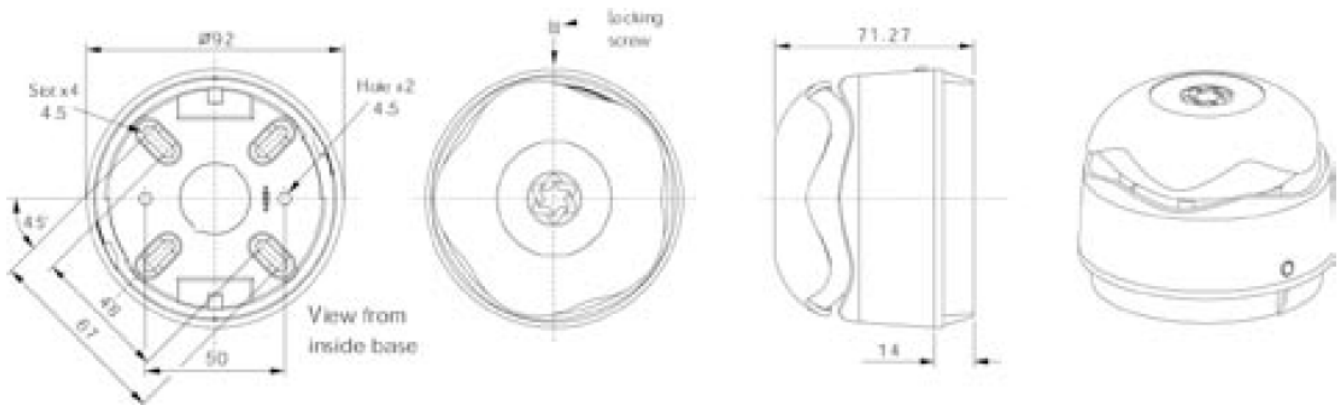
Also available:

The E-4 can be ordered with an optional xenon strobe. Add visual warning to your audible warning at a fraction of the cost of a separate strobe light.

Product Specifications

Voltage	9 - 30 VDC	110 VAC	220 VAC
Duty Cycle	Continuous		
Sound Output	113 dB (A) at 1m		
Sound Frequency	400-2900 Hz		
App. Range	800m in still air on open field		
Sound Selection	32 sounds - Dipswitch selectable with volume control		
Current Consumption	24 mA	30 mA	15 mA
IP Rating	IP 45 (IP 66 with deep base)		
Weight	270 g		
Dimensions	100 x 100 x 100 mm		

Mounting The unit should be mounted with the front facing in the direction the sound is required to travel. The Multitone comes with 32 user selectable tones incorporating low frequencies, high frequencies and all industry standard frequency patterns. The Multitone boasts leading acoustics, modern curves and low power consumption. The unit is also ideally suited for Fire & Security applications.



Model E-4 - Tone Specifications

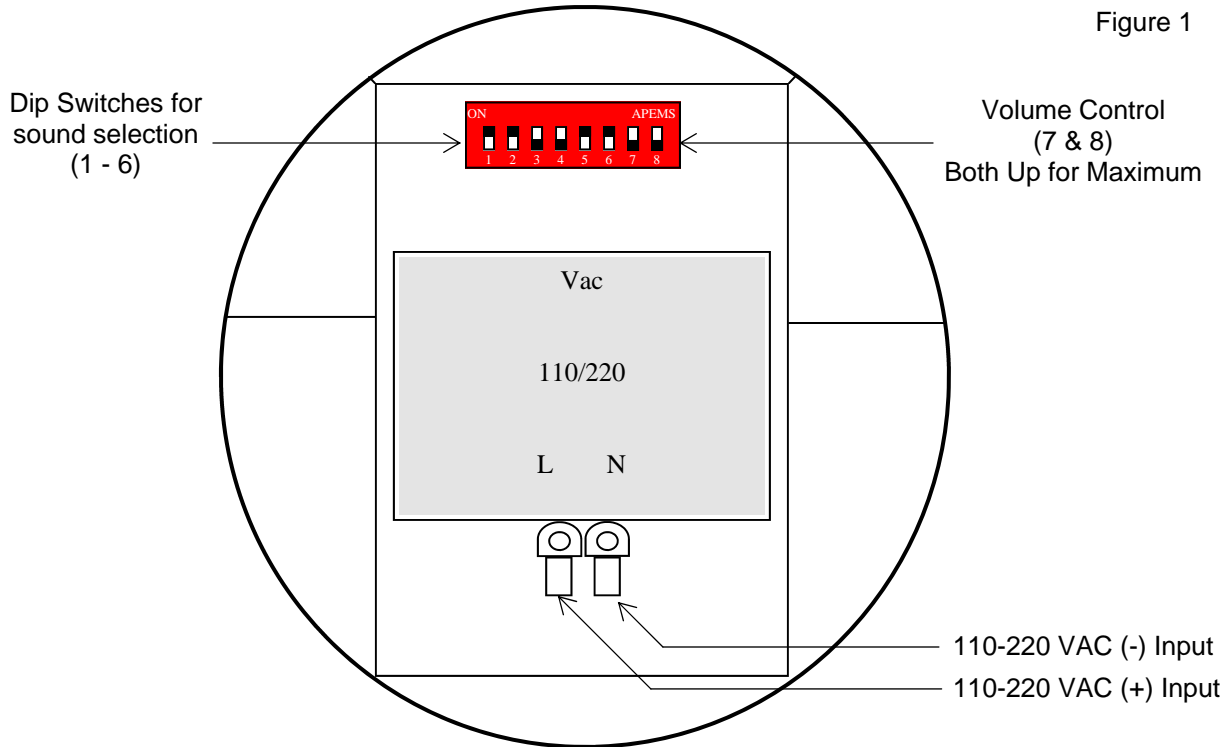
Sound #	Description	Sound #	Description
1.	Banshee LF Buzz	17	back up alarm HF
2.	Banshee Fast Sweep	18	Alternate HF
3	Banshee Slow Sweep	19	Slow Whoop
	Banshee Continuous	20	Din Tone
5	Banshee Fast Sweep (New)	21	French Fire Sound
	Medium Sweep	22	Australian Alert Signal
7	Continuous	23	Australian Evacuation Signal
8	back up alarm	24	US Temporal Tone
9	alternate	25	US Temporal Tone
10	medium sweep	26	Swedish Tone (Fire)
11	alternate	27	Swedish Tone (All Clear)
12	Bedlam Buzz	28	ISO 8201 LF
13	Bedlam Fast Sweep	29	ISO 8201 HF
14	Bedlam Slow Sweep	30	BT Banshee FP 1063.1
15	Bedlam Continuous	31	BT Banshee FP 1063.1
16	Banshee HF Fast Sweep	32	Bell Tone

Sentry Siren Banshee Multitone (E-4) AC Version

Installation Instructions

Please Read Carefully Before Installation

Ensure voltage is correct as improper voltage supply will damage unit and is not covered by warranty.



To Install

1. Always wear hearing protection when working with this siren. Installation should be completed by a licensed electrician. Sentry Siren, Inc. does not assume any responsibility for injury or damage due to incorrect or faulty installation.
2. Carefully remove back of siren by rotating mounting plate counter clockwise.
3. Fix back molding to conduit box or similar suitable surface by running screws through at least 2 of the four hole screw locations. See Figure 2. Siren should be mounted on a ceiling or wall so as to prevent debris or moisture from collecting inside sounding unit.
4. As supplied, the E-4 is connected for the FAST SWEEP sound. Select the sound required by moving the "Dip Switches" on the circuit board. See figure 1 and also page 2. The volume control gives a 30 dB range in sound output. It is factory set at maximum.
5. Assemble the E-4 to the back molding by turning sounding unit clockwise. DO NOT OVERTIGHTEN.
6. Insert supplied set screw into side of sounder to ensure unit does not separate.

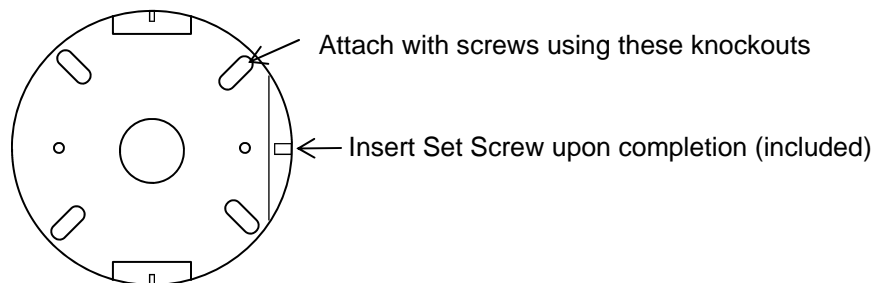


Figure 2

Sentry Siren, Inc

Model E-4 - Tone Specifications

Sound #	Description	Dip Switch Selection Switches in on position (1-5, switch 6 is unused)	Frequency (Hz)	dB(a) @ 10ft.
1	Banshee LF Buzz	00000	800-950*	94
2	Banshee Fast Sweep	10000	800-950*	94
3	Banshee Slow Sweep	01000	800-950*	94
4	Banshee Continuous	11000	850*	95
5	Banshee Fast Sweep (New)	00100	830-970*	95
6	Medium Sweep	10100	800-970*	95
7	Continuous	01100	970*	97
8	back up alarm	11100	950*	97
9	alternate	00010	800-1000*	94
10	medium sweep	10010	800-1000*	95
11	alternate	01010	800-950*	96
12	Bedlam Buzz	11010	2400-2900	102
13	Bedlam Fast Sweep	00110	2400-2900	103
14	Bedlam Slow Sweep	10110	2400-2900	103
15	Bedlam Continuous	01110	2900*	113
16	Banshee HF Fast Sweep	11110	2450-3100	103
17	back up alarm HF	00001	2900	111
18	Alternate HF	10001	2400-2900	108
19	Slow Whoop	01001	500-1200	96
20	Din Tone	11001	1200-500	96
21	French Fire Sound	00101	554-440	90
22	Australian Alert Signal	10101	420	88
23	Australian Evacuation Signal	01101	500-1200	96
24	US Temporal Tone	11101	500-1200	96
25	US Temporal Tone	00011	950*	105
26	Swedish Tone (Fire)	10011	2900	81
27	Swedish Tone (All Clear)	01011	660	84
28	ISO 8201 LF	11011	660*	96
29	ISO 8201 HF	00111	970	113
30	BT Banshee FP 1063.1	10111	2900*	93
31	BT Banshee FP 1063.1	01111	800-1000*	95
32	Bell Tone	11111	1000*	96

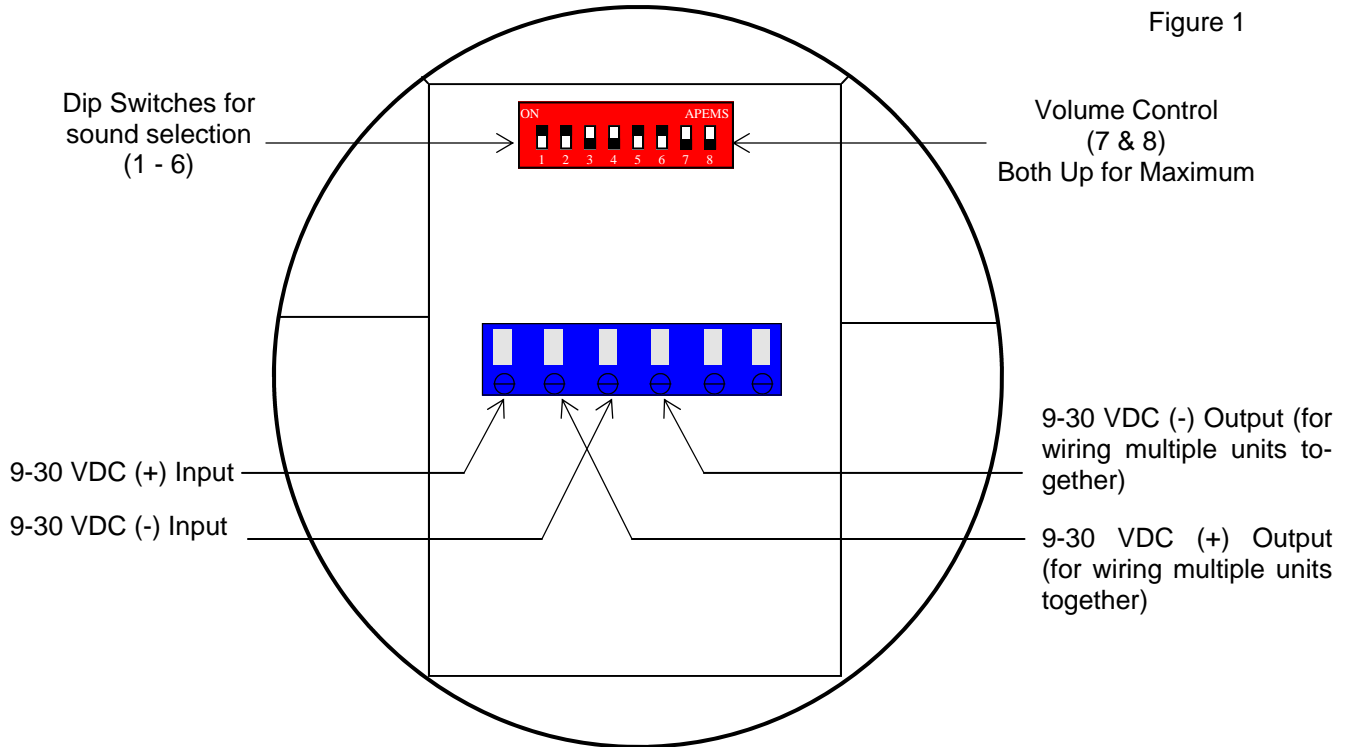
* Tone meets frequency requirements of BS 5839 PT 1 1988

Sentry Siren Banshee Multitone (E-4) DC Version

Installation Instructions

Please Read Carefully Before Installation

Ensure voltage is correct as improper voltage supply will damage unit and is not covered by warranty.



To Install

1. Always wear hearing protection when working with this siren. Installation should be completed by a licensed electrician. Sentry Siren, Inc. does not assume any responsibility for injury or damage due to incorrect or faulty installation.
2. Carefully remove back of siren by rotating mounting plate counter clockwise.
3. Fix back molding to conduit box or similar suitable surface by running screws through at least 2 of the four hole screw locations. See Figure 2. Siren should be mounted on a ceiling or wall so as to prevent debris or moisture from collecting inside sounding unit.
4. As supplied, the E-4 is connected for the FAST SWEEP sound. Select the sound required by moving the "Dip Switches" on the circuit board. See figure 1 and also page 2. The volume control gives a 30 dB range in sound output. It is factory set at maximum.
5. Assemble the E-4 to the back molding by turning sounding unit clockwise. **DO NOT OVERTIGHTEN.**
6. Insert supplied set screw into side of sounder to ensure unit does not separate.

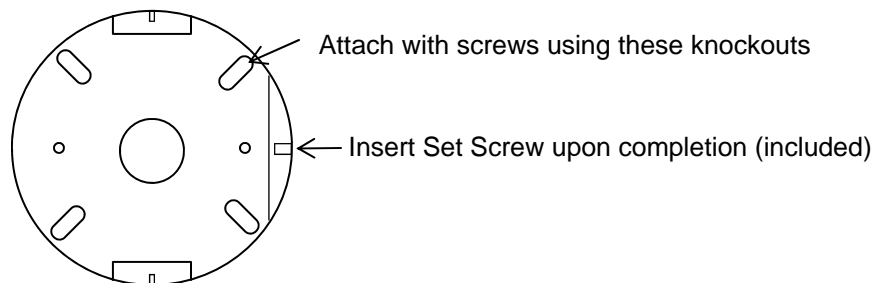


Figure 2

Sentry Siren, Inc

Model E-4 - Tone Specifications

Sound #	Description	Dip Switch Selection Switches in on position (1-5, switch 6 is unused)	Frequency (Hz)	dB(a)
1	Banshee LF Buzz	00000	800-950*	94
2	Banshee Fast Sweep	10000	800-950*	94
3	Banshee Slow Sweep	01000	800-950*	94
4	Banshee Continuous	11000	850*	95
5	Banshee Fast Sweep (New)	00100	830-970*	95
6	Medium Sweep	10100	800-970*	95
7	Continuous	01100	970*	97
8	back up alarm	11100	950*	97
9	alternate	00010	800-1000*	94
10	medium sweep	10010	800-1000*	95
11	alternate	01010	800-950*	96
12	Bedlam Buzz	11010	2400-2900	102
13	Bedlam Fast Sweep	00110	2400-2900	103
14	Bedlam Slow Sweep	10110	2400-2900	103
15	Bedlam Continuous	01110	2900*	113
16	Banshee HF Fast Sweep	11110	2450-3100	103
17	back up alarm HF	00001	2900	111
18	Alternate HF	10001	2400-2900	108
19	Slow Whoop	01001	500-1200	96
20	Din Tone	11001	1200-500	96
21	French Fire Sound	00101	554-440	90
22	Australian Alert Signal	10101	420	88
23	Australian Evacuation Signal	01101	500-1200	96
24	US Temporal Tone	11101	500-1200	96
25	US Temporal Tone	00011	950*	105
26	Swedish Tone (Fire)	10011	2900	81
27	Swedish Tone (All Clear)	01011	660	84
28	ISO 8201 LF	11011	660*	96
29	ISO 8201 HF	00111	970	113
30	BT Banshee FP 1063.1	10111	2900*	93
31	BT Banshee FP 1063.1	01111	800-1000*	95
32	Bell Tone	11111	1000*	96

* Tone meets frequency requirements of BS 5839 PT 1 1988