

3000/SSR/FIR Conventional Electronic Sounder

- High Output Electronic Sounder
- Low Current Consumption
- Weatherproof to IP65
- Choice of Colours
- Selectable Tone
- Selectable Volume



The 3000/SSR/FIR high output electronic sounder provides a high efficiency, low power solution for alarm signalling where audible signals are required.

With a first fix installation method in the base, this unit is quick to install to reduce the cost of installation.

A typical sound output of 100dB(A) at 1m with DIL switch selectable tones and volume. There are 32 different tones to choose from. Volume can be adjusted between 100, 85 and 75 dB(A). The Sounder operates at 24V DC and is suppressed and polarised. Designed to comply to all relevant CE and LVD standards.

Available in either Red or White body colours, the 3000/SSR/FIR has an IP65 rating making the product suitable for mounting internally or externally.

The 3000/SSR/FIR is an ideal addition to any fire alarm system providing a clear audible indication of a fire alarm.

Order Codes

3000/SSR/FIR -

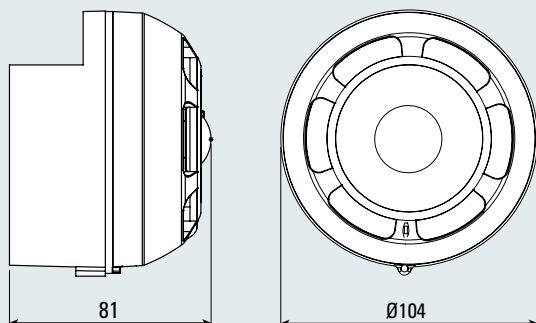
Red Electronic Sounder c/w Deep Base

3000/SSW/FIR -

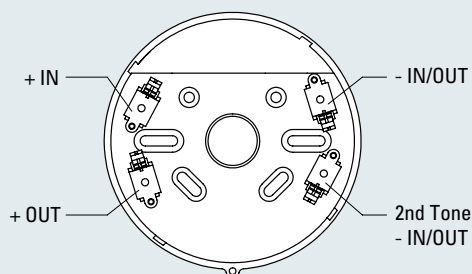
White Electronic Sounder c/w Deep Base

Technical Specification

Dimensions (mm)



Wiring Diagram



Technical Specification:

Environment	-10 to 55°C, 85% R.H (non condensation or icing)
IP Rating	IP65
Weight	225g
Voltage	18 to 56V DC
Alarm Current	10mA (average) @ 24VDC (Tone 30)
Output Details	Piezo sounder activated upon connection of DC power. Sounder tone and volume level dependent upon switch settings. High-100, Mid-85, Low-75 dB(A)
Relevant Standard	EN54 Part 3

Tone Options

Tone Number	Tone Description	Switches 45678	Second Tone	Typical SPL @ 1m	EN54-3 SPL @28V
1	800 & 1000Hz, Alternating (250ms – 250ms)	00000	21	103	
2	660Hz, Intermittent (1.8s ON – 1.8s OFF)	00001	2	103	
3	2400 & 2900Hz, Alternating (250ms – 250ms)	00010	22	110	
4	1000Hz Intermittent (0.5s ON, 0.5s OFF X3, 1s OFF) ISO 8201	00011	18	100	
5	2400 – 2900Hz Sweep, (7Hz)	00100	22	110	
6	660Hz, Intermittent (0.5s ON – 0.5s OFF)	00101	6	103	103
7	1000Hz Intermittent (0.25s ON, 1s OFF)	00110	21	100	
8	800 - 1000Hz, Sweep, (1Hz)	01000	21	103	103
9	660Hz, Continuous	01001	9	103	
10	800 & 1000Hz, Alternating (0.5s – 0.5s)	01010	21	103	101
11	1400 – 2000Hz, Sweep (10Hz)	01011	11	102	
12	500 -1200Hz, Sweep, (3.5s ON -0.5s OFF)	01100	21	103	103
13	800 - 1000Hz, Buzz (Sweep at 50Hz)	01101	21	100	
14	440Hz (100ms) and 554Hz (400ms), Alternating	01110	21	103	
15	800 – 1000Hz, Fast Sweep, (7Hz)	10000	21	103	
16	660Hz, Intermittent (6.5s ON – 13s OFF)	10001	16	103	
17	1000Hz, Intermittent (1s ON – 1s OFF)	10010	21	100	
18	2900Hz Intermittent (0.5s ON, 0.5s OFF X3, 1s OFF) ISO 8201	10011	4	106	
19	2400 – 2900Hz, Sweep, (1Hz)	10100	22	108	
20	2900Hz Intermittent (150ms ON, 100ms OFF)	10101	21	104	
21	1000Hz, Continuous	10110	21	100	
22	2900Hz, Continuous	11000	21	105	
23	440 & 554Hz, Alternating (1s – 1s)	11001	23	0	
24	2900Hz, Intermittent (1s ON – 1s OFF)	11010	22	105	
25	800 & 1000Hz, Alternating (0.5s – 0.5s)	11011	22	103	
26	1200 - 500Hz, Sweep, (1Hz), DIN tone	11100	21	103	
27	2400 – 2900Hz, Buzz (Sweep at 50Hz)	11101	22	108	
28	660Hz, Intermittent (150ms ON – 150ms OFF)	11110	28	103	
29	990 - 660Hz, Alternating (0.5s - 0.5s)	00111	6	101	
30	910 - 685Hz, Alternating (250ms - 250ms)	01111	6	100	
31	750 - 1000Hz, Alternating (0.5s - 0.5s)	10111	17	98	
32	925 - 628Hz, Alternating (250ms - 250ms)	11111	6	100	

Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

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