





# Spectra arm AB112STR

Sounder unit A112N  
 Maximum output: 119 dB(A) @ 1 m  
 Nominal output: 112 dB(A) @ 1 m - tone 2  
 45 alarm tones (UKO OAF/FEER compliant)  
 Xenon Strobe Flashing Beacon  
 5J @ 1Hz  
 IP Rating: IP65  
 Temp: -25°C to +50°C  
 Unit weight: 2.1kg DC 2.4kg AC  
 CE

Dimensions : 168mm(w) x 318mm(h)  
 1.5mm<sup>2</sup> terminals

For Lens colour options  
 X = In order code to be replaced with required lens colour  
 R = Red                    A = Amber  
 B = Blue                  C = Clear  
 G = Green                Y = Yellow

Y = in order code to be replaced with required housing colour  
 G = Grey                R = Red

-  **ATTENTION:** Installation must be carried out by an electrician in compliance with the latest codes and regulations.
-  **ATTENTION:** Disconnect from power source before installation or service to prevent electric shock.
-  **ATTENTION:** On strobe beacons allow a minimum of 2 minutes for hazardous high voltage to discharge from unit.
-  **ATTENTION:** Lens on unit will be hot allow to cool prior to removal.

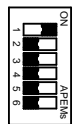
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## AB112STR Sounder Tone Settings Table

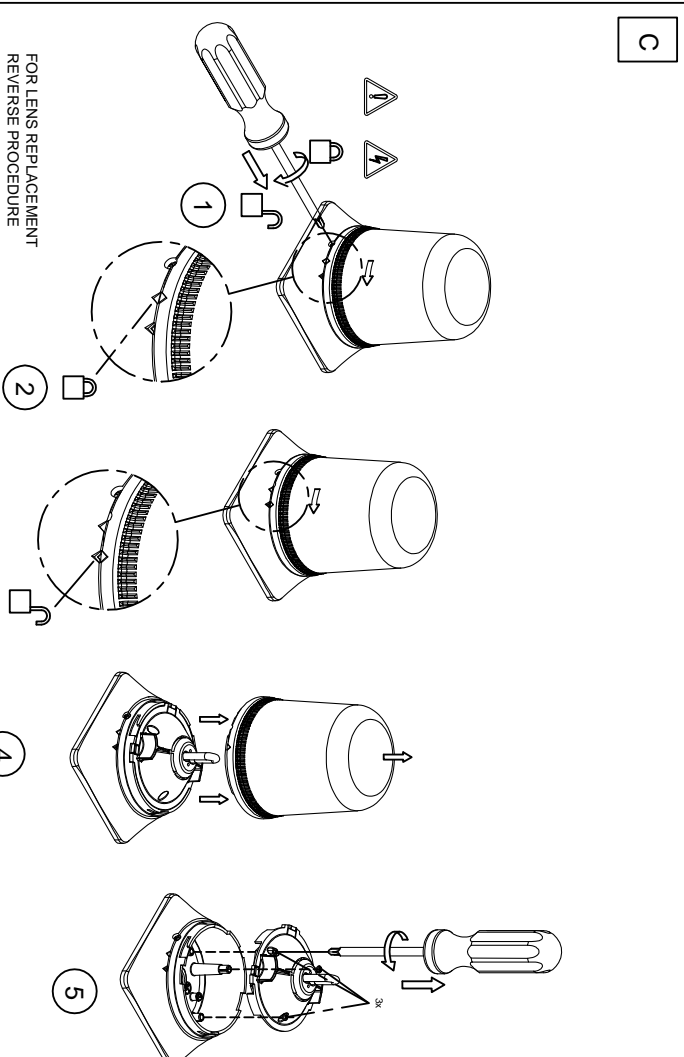
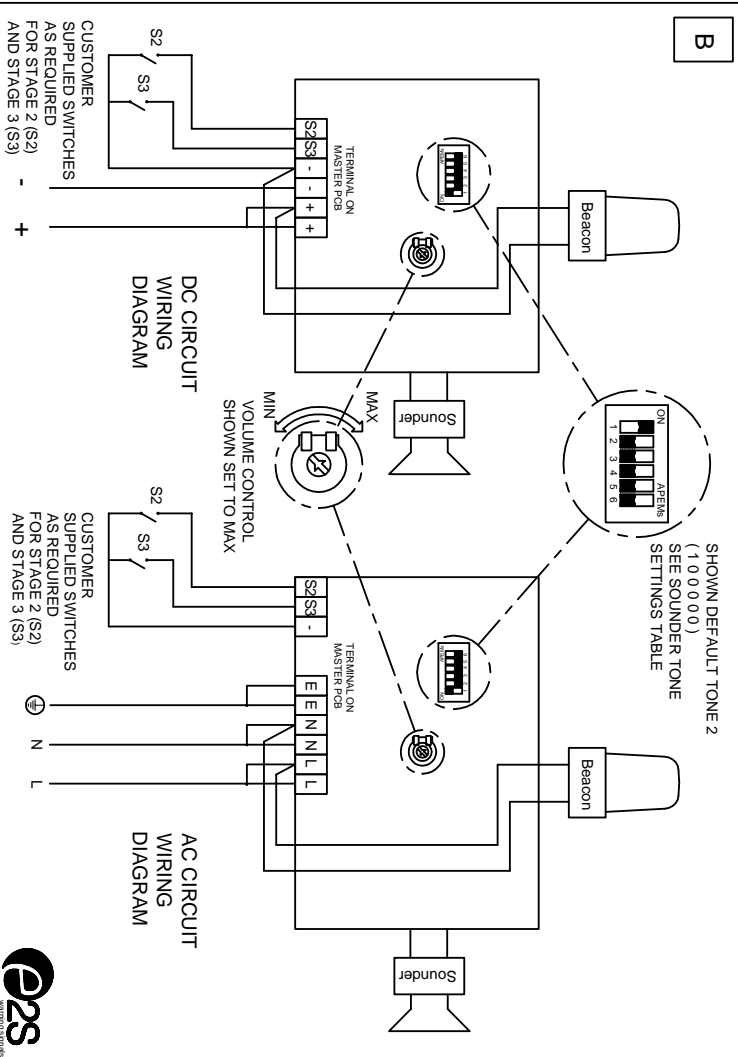
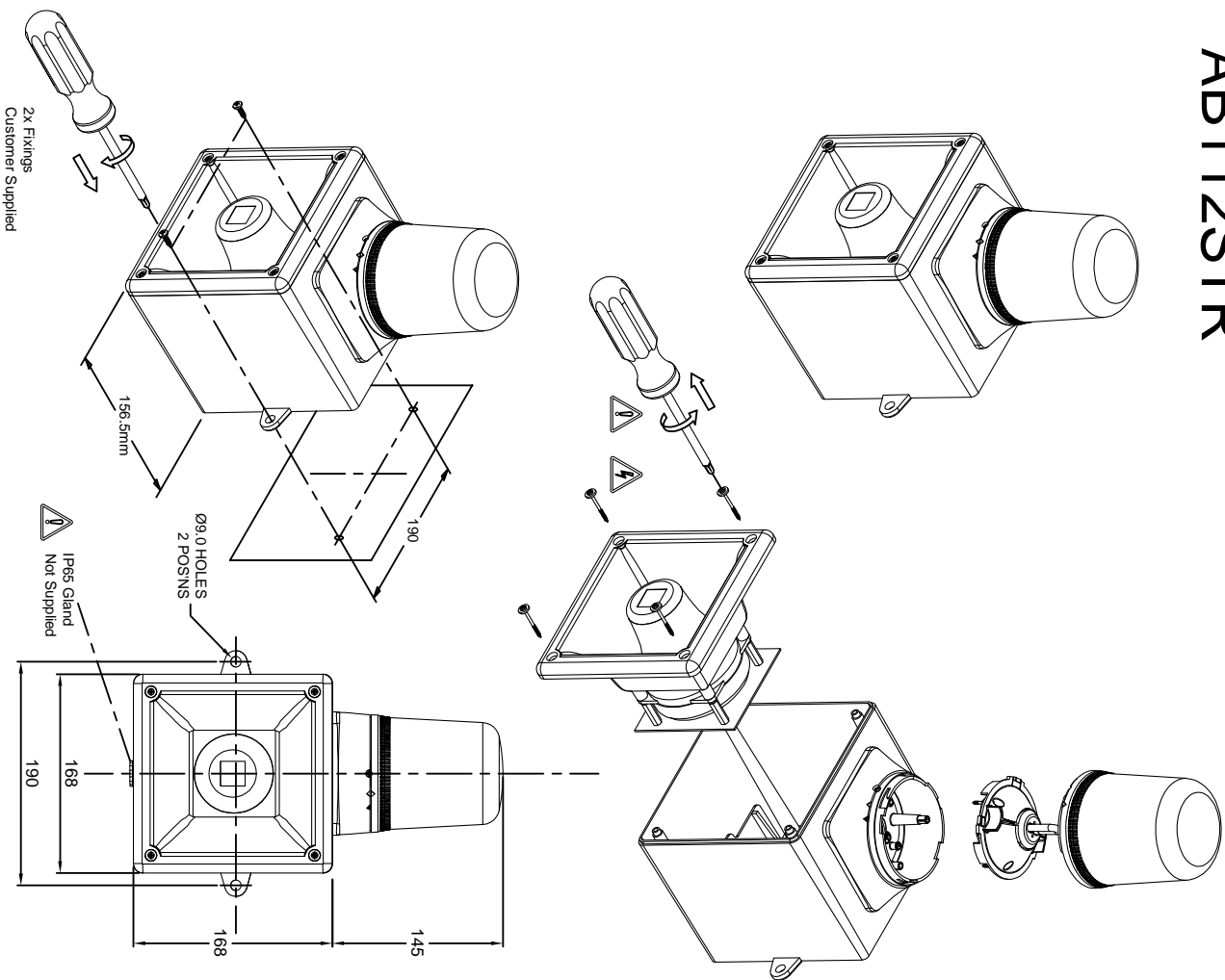
For switch settings please note:-  
 Where 1 is indicated the switch position is on.  
 Where 0 is indicated the switch position is off.

Example:-  
 Table shows 1 0 0 0 0 0  
 Switch setting On Off Off Off Off



Stage 1	Frequency Description	Switch 1 2 3 4 5 6	Stage 2	Stage 3
1	340Hz Continuous	0 0 0 0 0 0	Tone 2	Tone 5
2	800/1000Hz @ 0.25 sec Alternating	1 0 0 0 0 0	Tone 17	Tone 5
3	500/1200Hz @ 0.3Hz sec Slow Whoop	0 1 0 0 0 0	Tone 2	Tone 5
4	800/1000Hz @ 1Hz Sweeping	1 1 0 0 0 0	Tone 6	Tone 5
5	2400Hz Continuous	0 0 1 0 0 0	Tone 3	Tone 20
6	2400/2900Hz @ 7Hz Sweeping	1 0 1 0 0 0	Tone 7	Tone 5
7	2400/2900Hz @ 1Hz Sweeping	0 1 1 0 0 0	Tone 10	Tone 5
8	500/1200/500Hz @ 0.3Hz Sweeping	1 1 1 0 0 0	Tone 2	Tone 5
9	1200/500Hz @ 1Hz - DIN PFEER F1A1P	0 0 0 1 0 0	Tone 15	Tone 2
10	2400/2900Hz @ 2Hz Alternating	1 0 0 1 0 0	Tone 7	Tone 5
11	1000Hz @ 1Hz Intermitent	0 1 0 1 0 0	Tone 2	Tone 5
12	800/1000Hz @ 0.875Hz Alternating	1 1 0 1 0 0	Tone 4	Tone 5
13	2400Hz @ 1Hz Intermitent	0 0 1 1 0 0	Tone 15	Tone 5
14	800Hz 0.25 sec on, 1 sec off Intermitent	1 0 1 1 0 0	Tone 4	Tone 5
15	800Hz Continuous	0 1 1 1 0 0	Tone 2	Tone 5
16	660Hz 150ms on, 150ms off Intermitent	1 1 1 1 0 0	Tone 18	Tone 5
17	544Hz (100ms)/440 Hz (400ms) - NF S 32-001	0 0 0 0 1 0	Tone 2	Tone 27
18	660Hz 1.8 sec on, 1.8 sec off Intermitent	1 0 0 0 1 0	Tone 2	Tone 5
19	1.4KHz - 1.8KHz 1s, 1.8KHz - 1.4 KHz 0.5s - NF C8-285	0 1 0 0 1 0	Tone 2	Tone 5
20	660Hz Continuous	1 1 0 0 1 0	Tone 2	Tone 5
21	554Hz/440Hz @ 1Hz Alternating	0 0 1 0 1 0	Tone 2	Tone 5
22	544Hz @ 0.875 sec Intermitent	1 0 1 0 1 0	Tone 2	Tone 5
23	800Hz @ 2Hz Intermitent	0 1 1 0 1 0	Tone 6	Tone 5
24	800/1000Hz @ 50Hz Sweeping	1 1 1 0 1 0	Tone 29	Tone 5
25	2400/2900Hz @ 50Hz Sweeping	0 0 0 1 1 0	Tone 29	Tone 5
26	Bell	1 0 0 1 1 0	Tone 2	Tone 15
27	554Hz Continuous	0 1 0 1 1 0	Tone 26	Tone 5
28	440Hz Continuous	1 1 0 1 1 0	Tone 2	Tone 5
29	800/1000Hz @ 7Hz Sweeping	0 0 1 1 1 0	Tone 7	Tone 5
30	300Hz Continuous	1 0 1 1 1 0	Tone 2	Tone 5
31	660/1200Hz @ 1Hz Sweeping	0 1 1 1 1 0	Tone 26	Tone 5
32	Two tone chime	1 1 1 1 1 0	Tone 26	Tone 15
33	745Hz @ 1Hz Intermitent	0 0 0 0 0 1	Tone 2	Tone 5
34	1000 & 2000Hz @ 0.5 sec Alternating - Singapore	1 0 0 0 0 1	Tone 38	Tone 45
35	420Hz @ 0.625 Sec Australian Alert	0 1 0 0 0 1	Tone 36	Tone 5
36	500-1200Hz 3.75 sec /0.25 sec Australian Eval.	1 1 0 0 0 1	Tone 35	Tone 5
37	1000Hz Continuous - PFEER Toxic Gas	0 0 1 0 0 1	Tone 9	Tone 45
38	2000Hz Continuous	1 0 1 0 0 1	Tone 34	Tone 45
39	800Hz 0.25 sec on, 1 sec off Intermitent	0 1 1 0 0 1	Tone 23	Tone 17
40	544Hz (100ms)/440Hz (400ms) - NF S 32-001	1 1 1 0 0 1	Tone 31	Tone 27
41	Motor Siren - slow rise to 1200Hz	0 0 0 1 0 1	Tone 2	Tone 5
42	Motor Siren - slow rise to 800Hz	1 0 0 1 0 1	Tone 2	Tone 5
43	1200Hz Continuous	0 1 0 1 0 1	Tone 2	Tone 5
44	Motor Siren - slow rise to 2400Hz	1 1 0 1 0 1	Tone 2	Tone 5
45	1KHz 1s on, 1s off Intermitent - PFEER Gen. Alarm	0 0 1 1 0 1	Tone 38	Tone 34

# A Spectra Alarm AB112STR



Dimensions in mm

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