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SpectrAlarm AB112LDA

Sounder unit A112N
Maximum output: 119 dB(A) @ 1 m
Nominal output: 112 dB(A) @ 1 m - tone 2
45 alarm tones (UKO OA/PFEER compliant)
L.E.D. Array Beacon
16 x High powered L.E.D's
9 Selectable user modes
2 Stages on DC units only
IP Rating: IP65
Temp: -25°C to +50°C
Unit weight: 2.1kg DC 2.4kg AC
CE

Dimensions : 168mm(w) x 318mm(h)
1.5mm² terminals

For Lens colour options
x = in order code to be replaced with required lens colour
R = Red A = Amber
B = Blue G = Green
Y = Yellow

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

Order code	Nominal voltage & range
AB112LDADC24y/x	24VDC (10-30VDC)
Beacon 250mA	Sounder 200mA @ 24VDC
AB112LDADC48y/x	48VDC (35-50VDC)
Beacon 250mA	Sounder 120mA @ 48VDC
AB112LDAAC115y/x	115VAC (103-127VAC)
Beacon 50mA	Sounder 100mA @ 115VAC
AB112LDAAC230y/x	230VAC (207-253VAC)
Beacon 50mA	Sounder 60mA @ 230 VAC

Example:- AB112LDADC24G/R
This example is for a
A112N sounder with L.E.D. Array beacon running on 24VDC
the housing is grey with a red lens.

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.

Tel : +44(0)20 8743 8880 Fax : +44(0)20 8740 4200
mail : sales@e2s.com web : www.e2s.com

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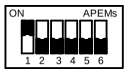
AB112LDA Sounder Tone Settings Table

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

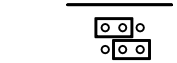
Example:-
Table shows 1 0 0 0 0 0
Switch setting On Off Off Off Off Off

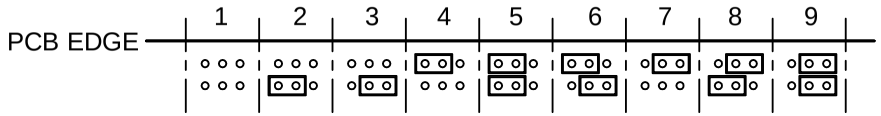


Stage 1	Frequency Description	Switch 1 2 3 4 5 6	Stage 2	Stage 3
1	340Hz Continuous	0 0 0 0 0 0	Tone 2	Tone 5
2	800/1000Hz @ 0.25 sec Alternating	1 0 0 0 0 0	Tone 17	Tone 5
3	500/1200Hz @ 0.3Hz sec Slow Whoop	0 1 0 0 0 0	Tone 2	Tone 5
4	800/1000Hz @ 1Hz Sweeping	1 1 0 0 0 0	Tone 6	Tone 5
5	2400Hz Continuous	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 P.T.A.P.*	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 Intermittent	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 Intermittent	0 0 1 1 0 0	Tone 15	Tone 5
14	800Hz 0.25 sec on, 1 sec off Intermittent	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 Intermittent	1 1 1 1 0 0	Tone 18	Tone 5
17	544Hz (100mS)/440 Hz (400m/S) - NF S 32-001	0 0 0 0 1 0	Tone 2	Tone 27
18	660Hz 1.8 sec on, 1.8 sec off Intermittent	1 0 0 0 1 0	Tone 2	Tone 5
19	1.4KHz - 1.6KHz 1s, 1.6KHz - 1.4 KHz 0.5s - NFC48-265	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 Intermittent	1 0 1 0 1 0	Tone 2	Tone 5
23	800Hz @ 2Hz Intermittent	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 Intermittent	0 0 0 0 0 1	Tone 2	Tone 5
34	1000 & 2000Hz @ 0.5 sec Aletrnating - Signapore	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 Evac.	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 Intermittent	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 Intermittent - *PFEER Gen. Alarm*	0 0 1 1 0 1	Tone 38	Tone 34

AB112LDA L.E.D. Array Option Settings Table

Example:- Default setting is 6





Stage 1	Frequency Description: Stage 1 (Ac & DC units)	Frequency Description: Stage 2 (DC unit only)
1	All L.E.D's on	Alternate Side Flash 2Hz
2	Rotating: Slow 1	Alternate Side Flash 2Hz
3	Single Strike Flash 2Hz	Rotating: Fast 2
4	Rotating: Fast 1	Single Strike Flash 2Hz
5	Rotating: Slow 2	Double Strike Flash 1Hz
6	Double Strike Flash 2Hz	Rotating: Fast 2
7	Rotating: Fast 2	Double Strike Flash 2Hz
8	Double Strike Flash 1Hz	Alternate Side Flash 2Hz
9	Alternate Side Flash 2Hz	Rotating: Fast 2

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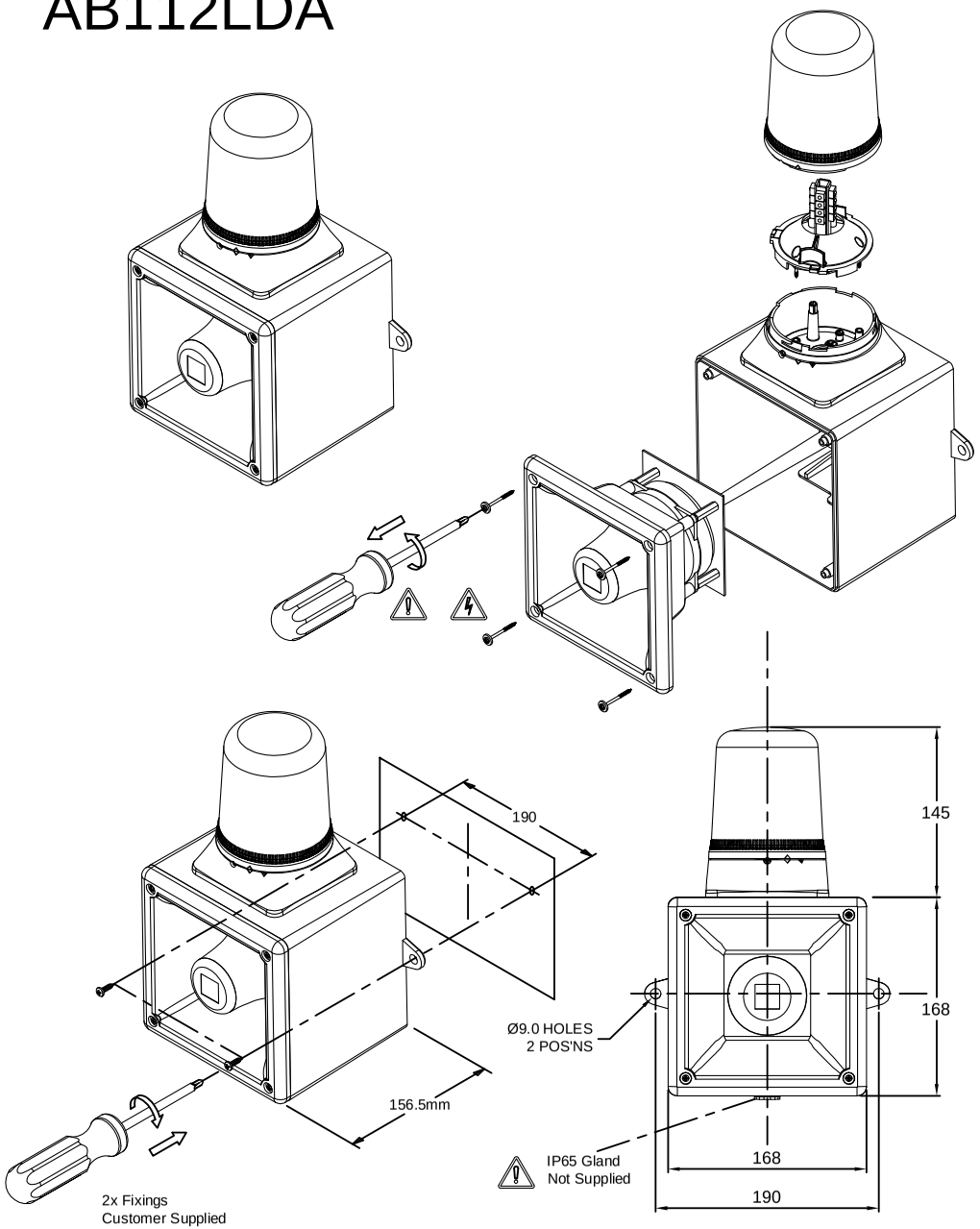
AB112LDA



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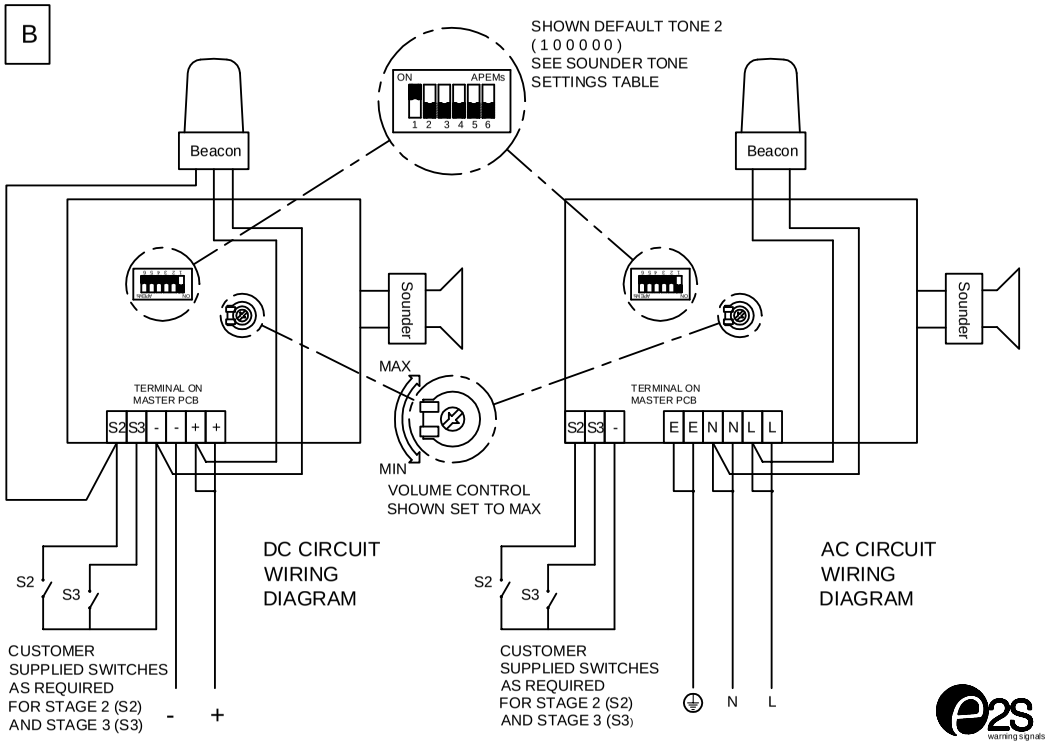

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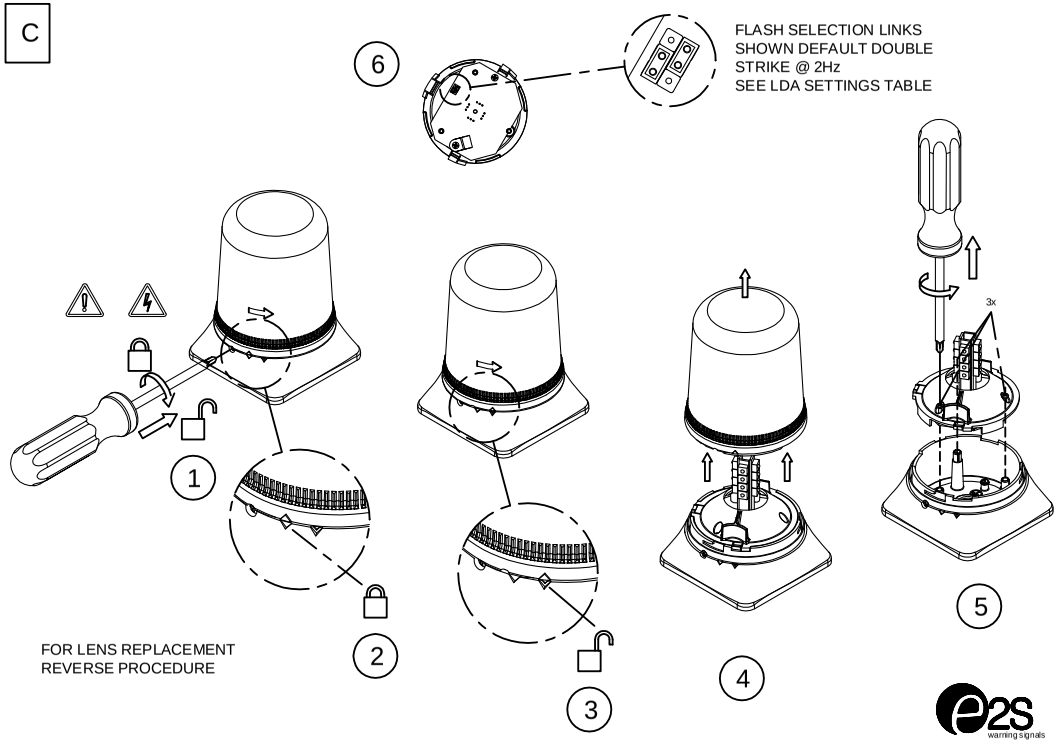

Tel : +44(0)20 8743 8880 Fax : +44(0)2 8740 4200
mail : sales@e2s.com web : www.e2s.com

Dimensions in mm