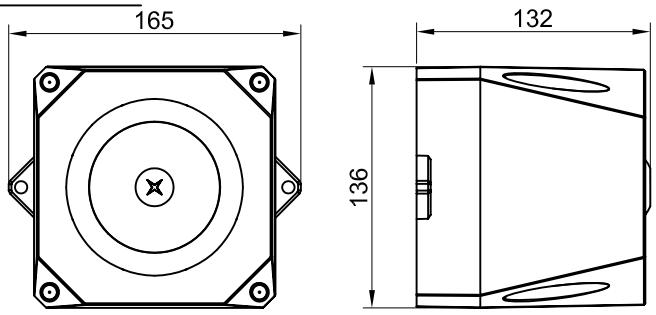
ASSERTA Midi Sounder (115/230VAC)

Fulleon

Specification

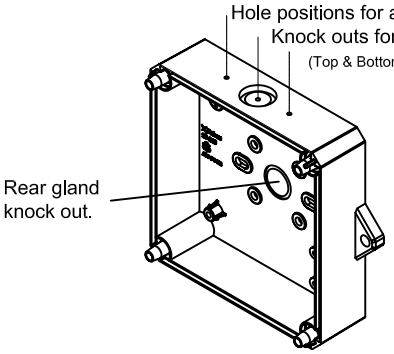
	115VAC	230VAC
Operation	Continuous	Continuous
Operating Voltage Range	115Vac	230Vac
Sound Output @ 1m	See table overleaf	See table overleaf
Current Consumption	See table overleaf	See table overleaf
Tones	32 see table overleaf	32 see table overleaf
Operating Temperature	-20°C to +70°C	-20°C to +70°C
Line Monitoring Method	N/A	N/A
Construction	ABS /PC Plastic Case	ABS /PC Plastic Case
Ingress Protection	IP66	IP66

Dimensions



1. Installation

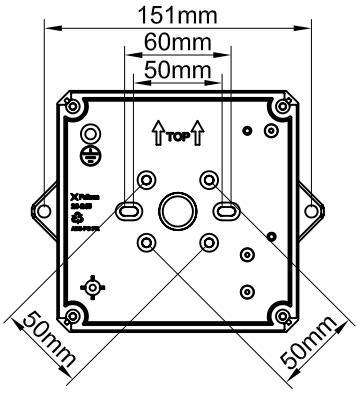
Knockout or drill required cable gland holes, and fix required cable glands.



NOTE: Ensure that the IP integrity is maintained during gland fitting.

2. Fixing Details

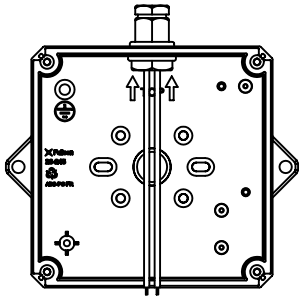
Fix base to wall using the two external lugs, or to a suitable junction box using the positions indicated in the base.



NOTE: If the internal fixing holes are being used ensure that the IP integrity is maintained.

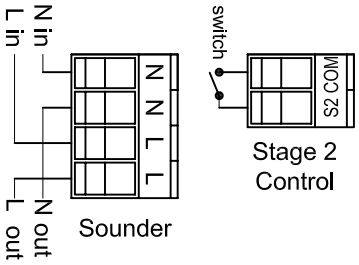
3. Cable Preparation

Cut cable to ±130mm. (use the opposite side of the base as a guide)



4. Connection Details

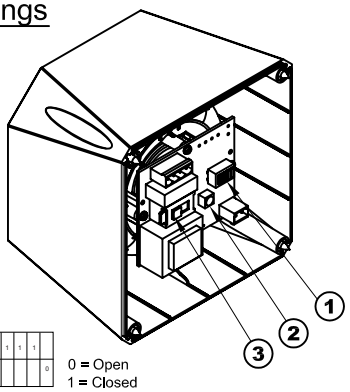
Remove the terminal blocks from the sounder for cable wiring.



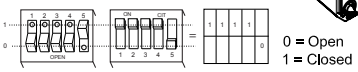
NOTE: Stage 2 tone selection is achieved by connecting the S2 to the common terminal.
DO NOT connect AC mains to these terminals.

NB: A readily accessible disconnect device must be incorporated in the mains supply wiring to this unit.

5. Sounder Settings



1. Switch 1



0 = Open
1 = Closed

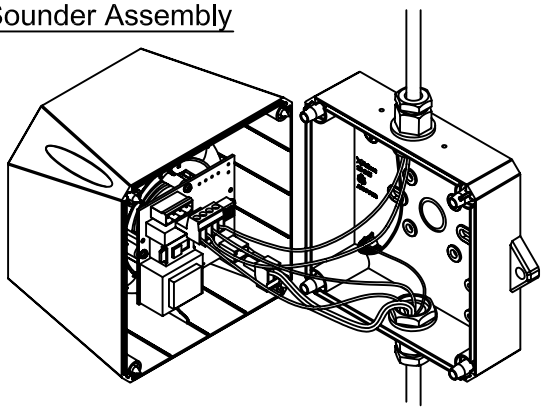
2. Volume Control

Turn dial clockwise to increase volume. (Nominal 20dB range)

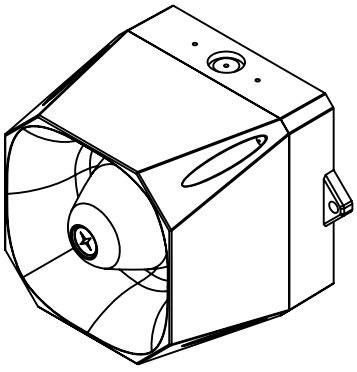
3. Voltage select switch

Ensure that the correct mains input voltage is selected.

6. Sounder Assembly



1. Plug the 4 way terminal block into the sounder header on the PCB.
2. Plug the 2 way terminal block into the sounder header on the PCB.
3. Secure the sounder to the base using the bolts provided.



WARNING : Do not remove cover, refer servicing to qualified personnel.
: High voltage present within this equipment.

NOTE : Polar dispersion information available in the technical manual. (Ref:M04-005)

25-5678-E

Asserta Midi Sounder Tones Table

Primary Tone	Secondary Tone	CODE	TONE				Stage 1 & 2			
							115Vac		230Vac	
		12345	Description	Frequencies	Pattern	Use	I (mA)	dB(A)@1m	I (mA)	dB(A)@1m
1	14	11111	Alternating	800 & 970	2Hz (250ms-250ms)	BS5839 Part 1 1988	26	110	13	110
2	14	11110	Sweep	800 & 970	7Hz (7/s)	Fast Sweep (LF) BS5839 Part 1 1988	25	111	12	111
3	14	11101	Sweep	800 & 970	1Hz (1/s)	Medium Sweep (LF) BS5839 Part 1 1988	25	112	12	112
4	14	11100	Continuous	2850	Steady		27	109	14	109
5	4	11011	Sweep	2400 to 2850	7Hz	Fast Sweep	26	110	13	110
6	4	11010	Sweep	2400 to 2850	1Hz		26	111	13	111
7	14	11001	Slow Whoop	300 to 1200	3s sweep, 0.5s silence, then repeat (rep)	Slow Whoop	27	113	13	113
8	14	11000	Sweep	1200 to 500	1Hz	Din Tone	26	112	13	112
9	4	10111	Alternating	2400 & 2850	2Hz (250ms-250ms)		26	110	13	110
10	14	10110	Intermittent	970	0.5Hz (1s On/1s Off)	Back-up Alarm (LF) BS5839 Part 1 1988	26	111	13	111
11	14	10101	Alternating	800 & 970	1Hz (500ms-500ms)	BS5839 Part 1 1988	26	110	13	110
12	4	10100	Intermittent	2850	0.5Hz (1s On/1s Off)	Back-up Alarm (HF)	26	109	13	109
13	14	10011	Intermittent	970	0.8Hz (250ms On/1s Off)	BS5839 Part 1 1988	24	110	12	110
14	1	10010	Continuous	970	Steady	BS5839 Part 1 1988	26	111	13	111
15	14	10001	Alternating	554 & 440	100ms-400ms	French Fire Sound	26	110	13	110
16	19	10000	Intermittent	660	3.3Hz (150ms On/150ms Off)	Swedish Alarm Tone	24	109	12	109
17	19	01111	Intermittent	660	0.28Hz (1.8s On/1.8s Off)	Swedish Alarm Tone	25	110	12	110
18	19	01110	Intermittent	660	0.05Hz (6.5s On/13s Off)	Swedish Alarm Tone	25	110	13	110
19	1	01101	Continuous	660	Steady	Swedish Alarm Tone	25	110	13	110
20	19	01100	Alternating	554 & 440	0.5Hz (1s On/1s Off)	Swedish Alarm Tone	26	110	13	110
21	14	01011	Intermittent	660	1HZ (500ms-500ms)	Swedish Alarm Tone	24	110	12	110
22	14	01010	Intermittent	2850	4Hz (150ms On/100ms Off)	Pelican Crossing	25	109	12	109
23	14	01001	Sweep	800 to 970	50Hz	Low Frequency Buzz BS5839 Part 1 1988	24	111	12	111
24	4	01000	Sweep	2400 to 2850	50Hz	High Frequency Buzz	25	109	13	109
25	14	00111	Intermittent	970	500mS On/500mS Off	ISO 8201 Low Frequency	25	110	12	110
26	14	00110	Intermittent	2850	500mS On/500mS Off	ISO 8201 High Frequency	26	109	12	109
27	14	00101	Continuous	4000	Steady		26	106	13	106
28	10	00100	Alternating	800 & 970	2Hz (250ms-250ms)	FP1063.1-Telecom	26	110	13	110
29	988Hz	00011	Alternating	990 & 650	2Hz (250ms-250ms)(Symphoni tones)	Symphoni Tones	25	109	12	109
30	510Hz	00010	Alternating	510 & 610	2Hz (250ms-250ms)(Squashni Micro tones)	Squashni Micro	26	111	13	111
31	14	00001	Sweep	300 to 1200	1Hz		27	111	13	111
32	510Hz	00000	Alternating	510 & 610	1Hz (500ms-500ms)		26	111	13	111