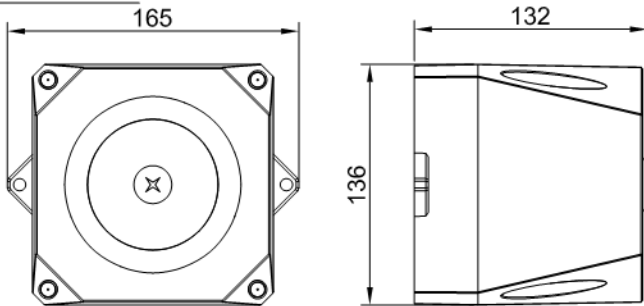


Specification

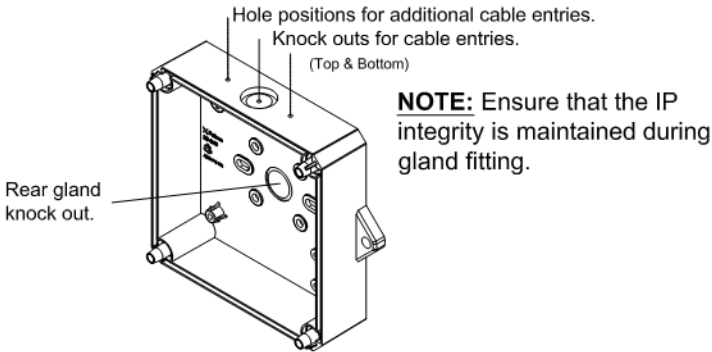
	115VAC	230VAC
Operation	Continuous	Continuous
Operating Voltage Range	115Vac	230Vac
Sound Output @ 1m	See table overleaf	See table overleaf
Current Consumption	See table overleaf	See table overleaf
Tones	32 see table overleaf	32 see table overleaf
Operating Temperature	-20°C to +70°C	-20°C to +70°C
Line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

Dimensions



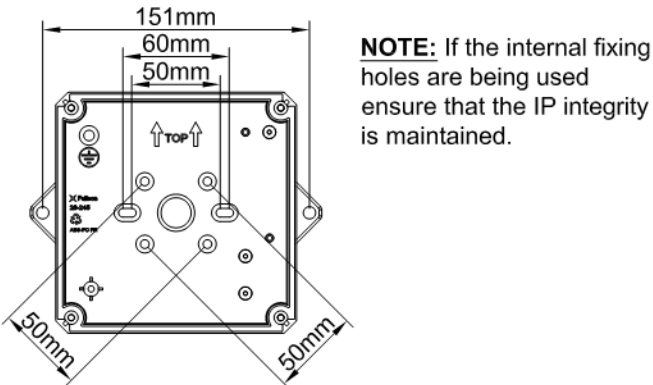
1. Installation

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



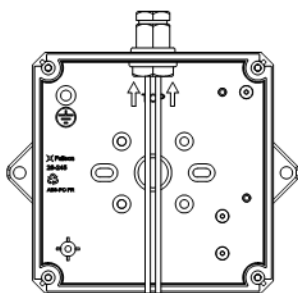
2. Fixing Details

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



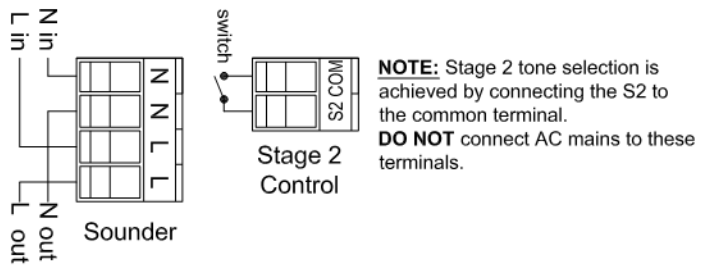
3. Cable Preparation

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



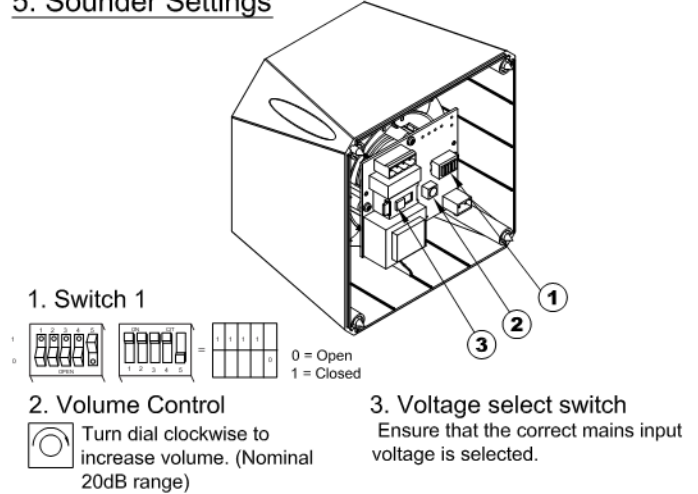
4. Connection Details

Remove the terminal blocks from the sounder for cable wiring.

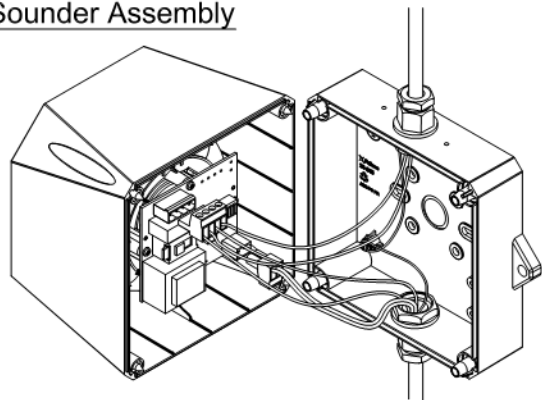


NB: A readily accessible disconnect device must be incorporated in the mains supply wiring to this unit.

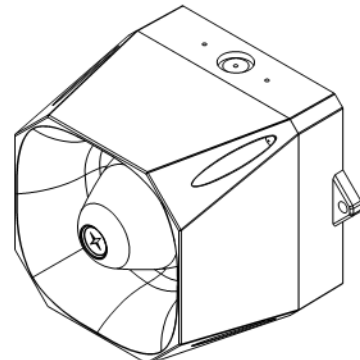
5. Sounder Settings



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)

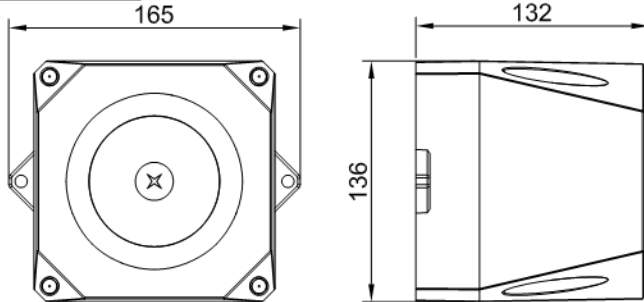
Primary Tone	Secondary Tone	CODE	TONE						Stage 1 & 2					
			Description	Frequencies	Pattern	Use	I (mA)	dB(A)@1m	I (mA)	dB(A)@1m	230Vac			
1	14	12345												
		11111	Alternating	800 & 970	2Hz (250ms-250ms)		BS5839 Part 1 1988	26	110	13	110	13	110	
2	14	11110	Sweep	800 & 970	7Hz (7/s)		Fast Sweep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

AVISA line AX05 Sounder (9-60Vdc)

Specification

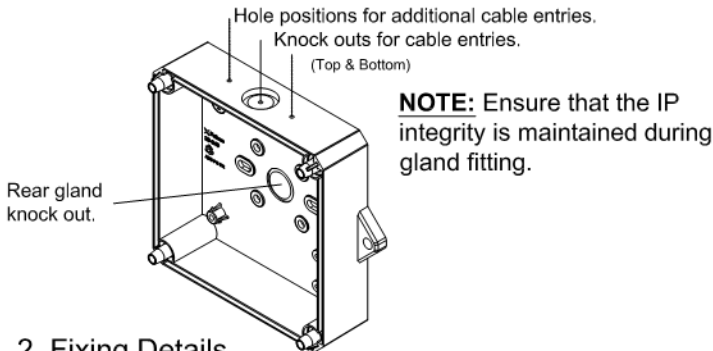
Specification	9-60Vdc
Operation	Continuous
Operating Voltage Range	9Vdc-15Vdc (Non-fire use) 15Vdc-60Vdc (EN54-3)
Sound Output @ 1m	See table overleaf
Current Consumption	See table overleaf
Tones	32 see table overleaf
Operating Temperature	-25°C to +70°C
Line Monitoring Method	Polarised Input
Construction	ABS /PC Plastic Case
Environment Category	Type A
Ingress Protection	IP66
Compliance	EN54-3 Fire Alarm device-Sounder

Dimensions



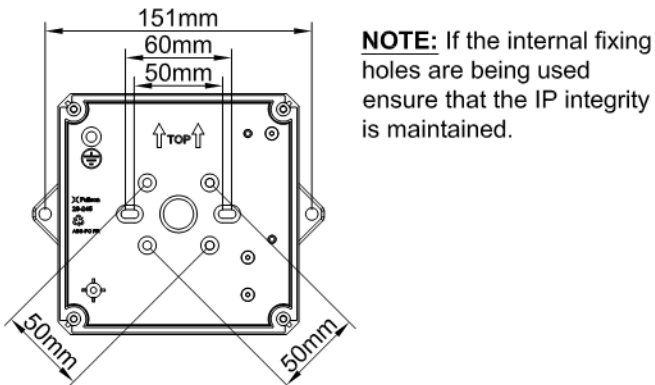
1. Installation

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



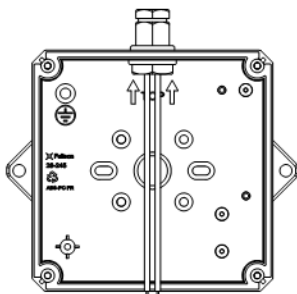
2. Fixing Details

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



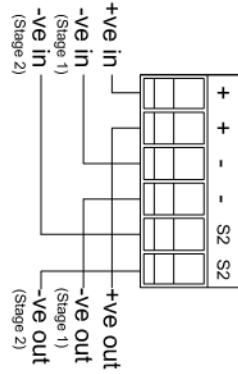
3. Cable Preparation

Cut cable to $\pm 130\text{mm}$. (use the opposite side of the base as a guide)



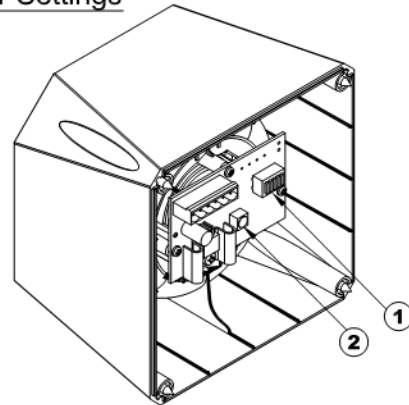
4. Connection Details

Remove the terminal blocks from the sounder for cable wiring.



NOTE: Stage 2 tone selection is achieved by connecting the S2 input to the -ve (Stage 1) supply.

5. Sounder Settings



1. Tone select switch



0 = Open
1 = Closed

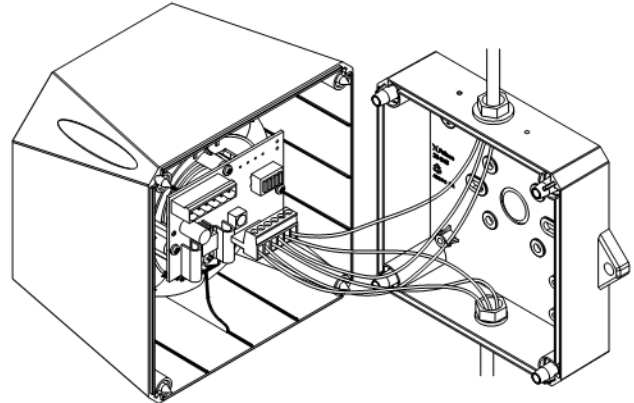
See table overleaf.

2. Volume Control

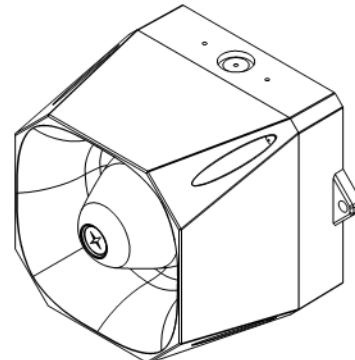


Turn dial clockwise to increase volume. (Nominal 10dB range)

6. Sounder Assembly



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



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

CE marking under CPD was affixed on: (see batch code on product)
Fullon Ltd, Cwmbran, South Wales, UK.