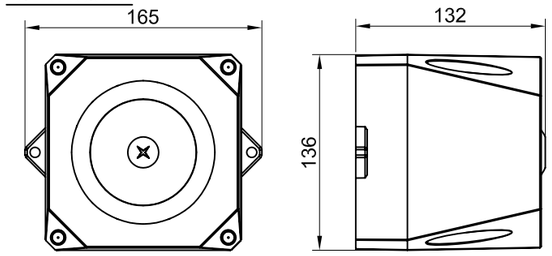
ASSERTA Midi Sounder (9-60Vdc)

Specification

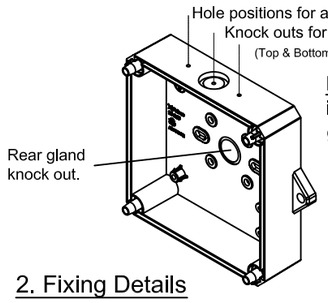
	9-60Vdc
Operation	Continuous
Operating Voltage Range	9Vdc-15Vdc (Non-fire use) 15Vdc-60Vdc (EN54-3)
Sound Output @ 1m	See table overleaf
Current Consumption	See table overleaf
Tones	32 see table overleaf
Operating Temperature	-25°C to +70°C
Line Monitoring Method	Polarised Input
Construction	ABS /PC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

Dimensions



1. Installation

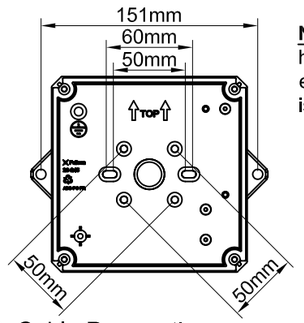
Knockout or drill required cable gland holes, and fix required cable glands.



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

2. Fixing Details

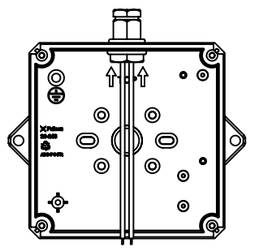
Fix base to wall using the two external lugs, or to a suitable junction box using the positions indicated in the base.



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)



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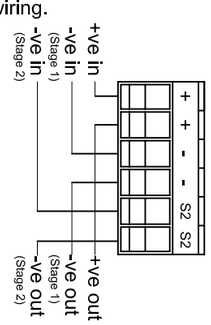
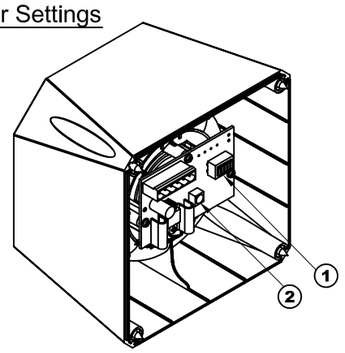
4. Connection Details

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

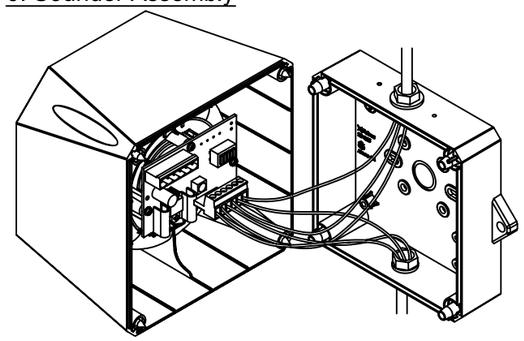
See table overleaf.

0 = Open
1 = Closed

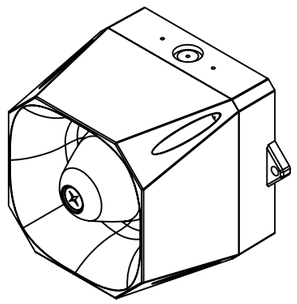
2. Volume Control

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)
Fulleon Ltd, Cwmbran, South Wales, UK.

0832-CPD-0569

Asserta Midi Sounder Tones Table

CODE 12345	Primary Tone	Secondary Tone	Description	Frequencies	Pattern	TONE Use	Stage 1 & 2 12Vdc I (mA)	12Vdc dB(A)@1m	24Vdc I (mA)	24Vdc dB(A)@1m	48Vdc I (mA)	48Vdc dB(A)@1m	EN54-3 Min SPL @ 60Vdc @Max Volume @Loudest node dB(A)
11111	1	14	Alternating	800 & 970	2Hz (250ms-250ms)	BS5839 Part 1 1988	15	102	32	108	35	109	*
11110	2	14	Sweep	800 & 970	7Hz (7/s)	Fast Sweep (LF) BS5839 Part 1 1988	11	101	24	107	26	108	*
11101	3	14	Sweep	800 & 970	1Hz (1/s)	Medium Sweep (LF) BS5839 Part 1 1988	11	102	23	108	27	109	89
11100	4	14	Continuous	2850	Steady		19	101	40	107	44	108	*
11011	5	4	Sweep	2400 to 2850	7Hz	Fast Sweep	15	101	31	107	35	108	*
11010	6	4	Sweep	2400 to 2850	1Hz		15	102	31	109	35	110	*
11001	7	14	Slow Whoop	300 to 1200	3s sweep, 0.5s silence, repeated	Slow Whoop	17	105	38	111	42	111	92
11000	8	14	Sweep	1200 to 500	1Hz	Din Tone	14	103	31	109	35	110	91
10111	9	4	Alternating	2400 & 2850	2Hz (250ms-250ms)		16	102	35	108	38	109	*
10110	10	14	Intermittent	970	0.5Hz (1s On/1s Off)	Back-up Alarm (LF) BS5839 Part 1 1988	13	102	30	108	33	109	*
10101	11	14	Alternating	800 & 970	1Hz (500ms-500ms)	BS5839 Part 1 1988	15	102	33	108	37	109	*
10100	12	4	Intermittent	2850	0.5Hz (1s On/1s Off)	Back-up Alarm (HF)	13	101	29	107	32	108	*
10011	13	14	Intermittent	970	0.8Hz (250ms On/1s Off)	BS5839 Part 1 1988	6	102	14	108	16	109	*
10010	14	14	Continuous	970	Steady	BS5839 Part 1 1988	18	102	41	108	45	109	92
10001	15	14	Alternating	554 & 440	100ms-400ms	French Fire Sound	13	102	32	108	36	108	*
10000	16	16	Intermittent	660	3.3Hz (150ms On/150ms Off)	Swedish Alarm Tone	8	100	17	106	21	107	*
01111	17	17	Intermittent	660	0.28Hz (1.8s On/1.8s Off)	Swedish Alarm Tone	11	101	26	106	29	108	*
01110	18	18	Intermittent	660	0.05Hz (6.5s On/13s Off)	Swedish Alarm Tone	13	101	30	107	32	108	*
01101	19	19	Continuous	660	Steady	Swedish Alarm Tone	13	101	30	107	33	108	*
01100	20	20	Alternating	554 & 440	0.5Hz (1s On/1s Off)	Swedish Alarm Tone	13	102	32	107	35	108	*
01011	21	21	Intermittent	660	1HZ (500ms-500ms)	Swedish Alarm Tone	9	101	20	106	23	108	*
01010	22	14	Intermittent	2850	4Hz (150ms On/100ms Off)	Pelican Crossing	12	100	25	106	28	107	*
01001	23	14	Sweep	800 to 970	50Hz	Low Frequency Buzz BS5839 Part 1 1988	11	101	24	107	26	108	*
01000	24	4	Sweep	2400 to 2850	50Hz	High Frequency Buzz	15	100	31	107	34	108	*
00111	25	25	Intermittent	970	500mS On/500mS Off	ISO 8201 Low Frequency	11	102	25	108	29	109	*
00110	26	26	Intermittent	2850	500mS On/500mS Off	ISO 8201 High Frequency	12	101	25	107	28	108	*
00101	27	27	Continuous	4000	Steady		16	99	32	105	39	106	*
00100	28	10	Alternating	800 & 970	2Hz (250ms-250ms)	FP1063.1-Telecom	14	102	32	108	36	109	*
00011	29	988Hz	Alternating	990 & 650	2Hz (250ms-250ms)	Symphoni Tones	11	100	23	106	26	107	88
00010	30	510Hz	Alternating	510 & 610	2Hz (250ms-250ms)	Squashni Micro	14	102	34	108	37	109	91
00001	31	31	Sweep	300 to 1200	1Hz		16	103	41	109	44	110	*
00000	32	27	Alternating	510 & 610	1Hz (500ms-500ms)		14	103	34	108	38	109	*