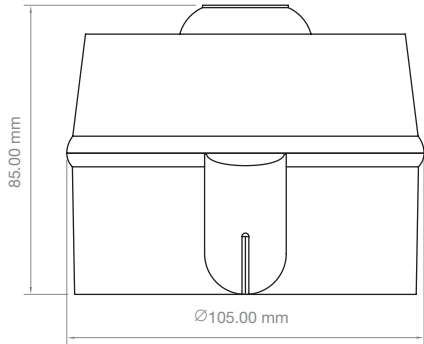


# Product Data Sheet: Viper Spatial Sounder 110/230 volt AC Multitone



## Description

The Viper spatial 32-Tone 110-230v ac sounder is designed to give a high output for applications requiring a mains operated sounder and where a non standard tone may be required. It includes a wide range of sound patterns and frequencies compatible with International requirements.

Each device is synchronised via its high frequency oscillator circuit, and gives sound outputs with frequencies of between 440 to 2850Hz. (dependent upon tone selected).

Tones are selected via the DIL switch fitted to the PCB. By using three wires, a second stage alarm may be switched so that the continuous tone will override the tone selected.

The sounder case material is ABS and is supplied as standard in red. A white version is also available.

Each sounder is supplied complete with its own mounting base, which contains marker points for drilling two M20 gland entries.

The installation of the VPR-MT32-230 sounder is not recommended in chilled areas.

These units do not require an earth connection as each device has its own transformer and de-coupling between mains frequencies.

## Tone List

No.	Description	Switch (32 tone) 12345	Second Stage Alarm (Hz)
1.	Warble tone 800/1000Hz @ 0.5sec	11111	800
2.	Warble tone 800/1000Hz @0.25sec	01111	1000
3.	Interrupted tone 800Hz @ 0.5sec on/off	10111	800
4.	Interrupted tone 1000Hz @ 0.25 sec on/off	00111	1000
5.	Slow whoop 500 to 1200Hz in 3 sec then 0.5 sec off	11011	500
6.	Slow whoop 1200 to 500Hz in 3 sec then 0.5 sec off	01011	1200
7.	Australian slow whoop 500 to 1200Hz in 3.5 sec 0.25 sec off	10011	500
8.	L.F. Sweep frequency 800 to 1000Hz in 0.5 sec	00011	800
9.	L.F. Sweep frequency 800 to 1000Hz in 0.25 sec	11101	800
10.	L.F. Sweep frequency 800 to 1000Hz in 0.1 sec	01101	800
11.	Sweep frequency 1200 to 500Hz in 1 sec	10101	1200
12.	Warble tone 554/440Hz @ 0.5 sec	00101	554
13.	Warble tone 554Hz for 0.1 sec / 440Hz for 0.4 sec	11001	554
14.	Interrupted tone 660Hz for 150 msec on/off	01001	660
15.	Interrupted tone 660Hz for 1.8 sec on/off	10001	660
16.	Interrupted tone 660Hz for 570 msec on/off	00001	660
17.	Group of 3 interrupt 1000Hz @ 0.5 sec on/off then 1.5 sec off	11110	1000
18.	Group of 3 warble 1000/800Hz @ 0.5 sec then 1.5 sec off	01110	1000
19.	Group of 3 sweep 500 to 1200Hz in 0.5 sec then 1.5 sec off	10110	500
20.	Group of 3 sweep 1200 to 500Hz in 0.5 sec then 1.5 sec off	00110	1200
21.	Linear frequency sweep 2000 to 2500Hz in 0.5 sec	11010	2000
22.	Linear frequency sweep 2000 to 2500Hz in 0.25 sec	01010	2000
23.	H.F. warble tone 2000/2500Hz @ 0.5 sec	10010	2000
24.	H.F. warble tone 2000/2500Hz @ 0.25 sec	00010	2000
25.	H.F. Interrupted tone 2850Hz @ 150 msec on/off	11100	2000
26.	H.F. Interrupted tone 800Hz @ 0.5sec on/off	01100	2850
27.	Very fast H.F. sweep 2400 to 2800Hz in 20 msec (50Hz)	10100	2400
28.	Fast H.F. sweep 2400 to 2800Hz in 0.143 sec (7Hz)	00100	2400
29.	H.F. sweep 2400 to 2800Hz in 0.5 sec (2Hz)	11000	2400
30.	2 way ramp 500 to 1200 rising then falling in 0.25 sec	01000	500
31.	Siren 2 way ramp 3 sec rising then 3 sec falling 500 to 1200Hz	10000	500
32.	Ding dong group 2700 to 0Hz then 570 to 0Hz off for 4 sec	00000	700

Part No.	VPR-MT32-230
Output @ 1 metre 24v dc:	107 dBa
Current @ 230v ac:	c. 12 mA
Voltage Range:	230v ac /110v ac +/- 10%
Operating Frequency:	440-2850Hz
Number of Tones:	32
Volume Control:	-30 dBa
IP Rating:	IP65
Temperature Range:	-20 to +70 °C
Weight (per unit packed):	295g
(Sounders are available in red or white by adding -R (red) or -W (white) to the end of the part number)	