

Sounder with standard shallow base fitted



Sounder with accessory deep base fitted



RS 144-5945 - DC Operation

RS 144-5946 - AC Operation

GENERAL PURPOSE ELECTRONIC SOUNDER

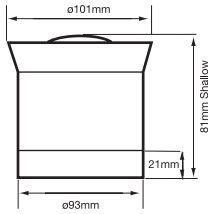
An eight tone electronic sounder suitable for a wide range of audible signalling applications, where low cost, energy efficiency & flexible signalling solutions are required. The DC version offers a two stage alarm option. The AC version offers a single. Tones are selectable via a 3 way dip switch.

The units are supplied in shallow base (IP54) format that allows for termination inside the enclosure through a 10mm aperture at the back of the base only. As an accessory item, a deep base version is available **RS 144-5947** that allows for 2 x M20 conduit knockout cable connections or 2 x 10mm apertures at the base and is weatherproof to IP65.

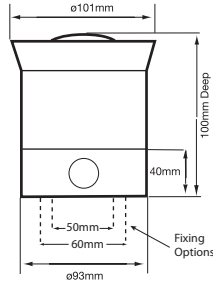
Nr	Code	Frequency	2nd Tone	Mod	Designation	SPL 24v	I _{max} 24v	SPL 230v	I _{max} 230v	Tone
						dB(A)	mA	dB(A)	mA	
1	000	Sweeping 800 to 970	6	1Hz	Medium Sweep	105	26	100	100	
2	001	Continuous 2850	6	-	-	112	38	108	100	
3	010	Sweeping 2400 to 2850	2	7Hz	Fast Sweep	112	38	108	100	
4	011	Sweeping 500 to 1200	6	0.33Hz	Slow Whoop	104	26	104	100	
5	100	Sweeping 1200 to 500	6	1Hz	DIN Tone	104	26	104	100	
6	101	Continuous 970	6	-	-	102	26	100	100	
7	110	Intermittent tone 970	8	-	-	102	26	100	100	
8	111	Intermittent tone 2850	7	-	-	112	38	108	100	

Part Code:	Voltage:	Frequency:	Current:
RS 144-5945	10-30 v Dc ---	800-2850 Hz	32mA @ 24v
RS 144-5946	98-260 v Ac ~	800-2850 Hz	100mA max @ 230v

Depending on tone set the SPL at 12v Dc and 115v Ac will be reduced.



Sounder with standard shallow base fitted

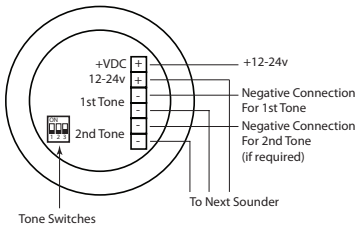


Sounder with accessory deep base fitted

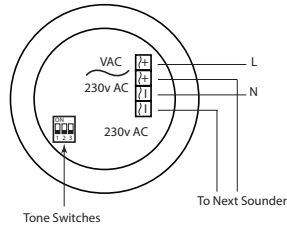


Installation Instructions for shallow base units

Remove the pozidrive screw from the side of the shallow base. By holding the unit securely with two hands twist the sounder head anti-clockwise to the base to undo. Secure the base to the desired surface using the appropriate fixings. Pull through power & control cable and connect to the sounder head terminals as shown in the diagrams below.



DC Sounder



AC Sounder

Re-assembly is the reverse of the above, first ensuring the O ring is in place on the sounder spigot and aligning the bosses with the indents in the base. Once mated, firmly twist the sounder head clockwise to fix in place. Replace the pozi drive screw.

Optional Deep Base

Drill out termination & fixing holes & locate onto the desired surface. Pull through power & control cable using the appropriate cable glands. Fit sounder head as above. Installation must be carried out in accordance with the latest codes of practice by a qualified electrician.