

3000/SSR Electronic Sounder

- High Output Electronic Sounder
- Low Current Consumption
- Weatherproof to IP65
- Choice of Colours
- Selectable Tone
- Selectable Volume
- Optional Base for Surface Wiring



The 3000/SSR high output electronic sounder designed by Protec in house developers, utilises a Piezo driver unit to enable high sound output and very low current consumption. With two base options and improved aesthetic appearance the 3000/SSR simplifies the installation of the device.

The 3000/SSR has a typical sound output of 100dB(A) at 1m with DIL switch selectable tones and volume. There are 9 different tones to choose from. Volume can be adjusted between 100, 85 and 80 dB(A). The Sounder operates at 24V DC and is suppressed and polarised. Designed to comply to all relevant CE and LVD standards.

Available in either Red or White body colours, and an optional deep base to allow surface mounted cable to be terminated directly into the sounder, the 3000/SSR has an IP65 rating making the product suitable for mounting internally or externally.

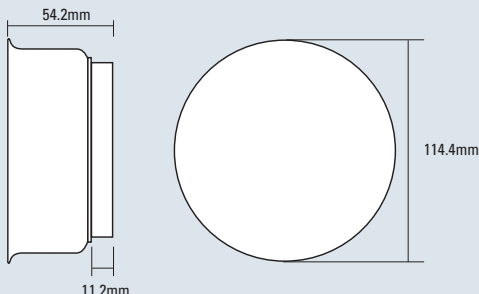
The 3000/SSR is an ideal addition to any fire alarm system providing a clear audible indication of a fire alarm.

As Protec are specialists in the safety systems market, our main objective is to produce high quality and reliable products. Manufacturing at our UK based facilities, our in-house design team develop innovative products which are produced using the latest manufacturing techniques with in-line automatic test equipment to ensure consistent high quality and reliability.



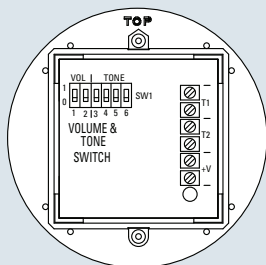
3000/SSR Technical Specification

Dimensions (mm)



PCB Connection Details (Rear View)

+ve.....connect +v supply to +V
 For tone types 1-9.....connect -v supply to T1
 For tone types 1,2 or off.....connect -v supply to T2



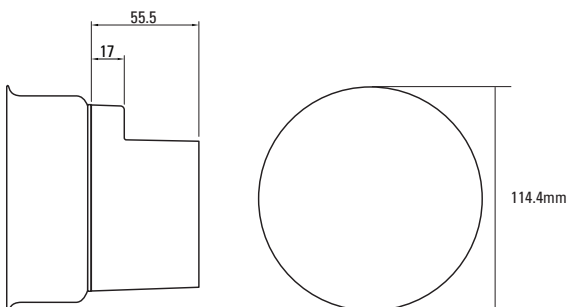
Technical Specification:

Supply Voltage Range	9 to 30V DC
Alarm Current	3.5mA (average) @ 24VDC continuous tone, no surge current upon activation
Output Details	Piezo sounder activated upon connection of DC power. Sounder tone and volume level dependent upon switch settings High-100, Mid-85, Low-80 dB(A)
Weight	244g
Temperature Range	- 10°C to 55°C
Humidity	0 to 85% R.H. non condensing
IP Rating	IP65
Construction	ABS Base & Body
Applicable Standards	Designed to EN54 Part 3 Compliant to CE and LVD standards

Model References

Product Code	Colour Options
3000/SSR	Red Sounder C/W Standard Base
3000/SSW	White Sounder C/W Standard Base
NOTE: All Model References above are 24V DC sounders, supplied with a low profile base. An optional deep base (below) can be purchased separately to allow surface wiring to be terminated directly into the base.	
29-982-75	Red Deep Base
29-983-76	White Deep Base

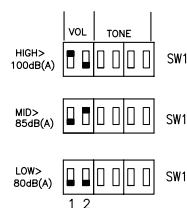
Deep Base Dimensions (mm)



Tone Options

No	Tone Options
1	Warble 990Hz 250ms 665Hz 250ms
2	Continuous Tone at 990Hz
3	Pulse Tone 990Hz 500ms Silence 500ms
4	UK Sweep
5	Dutch Slow Whoop
6	Reverse Sweep 1.5 Seconds Repetition Rate
7	French Fire Tone 554Hz for 100ms, 440Hz for 400ms
8	Pulse Tone 665Hz for 150ms Silence for 150ms
9	Continuous Tone at 665Hz

Volume Settings



Tone Settings

CONNECT T1	CONNECT T2	VOL	TONE	SW1
TONE 1	TONE 1	0 0 0 0 0	0 0 0 0 0	SW1
TONE 2	OFF	0 0 0 0 0	0 0 0 0 0	SW1
TONE 3	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1
TONE 4	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1
TONE 5	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1
TONE 6	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1
TONE 7	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1
TONE 8	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1
TONE 9	TONE 2	0 0 0 0 0	0 0 0 0 0	SW1

NOTE:-
 TONES 10-16 DEFAULT TO WARBLE (Tone 1)

Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

Protec Fire Detection Plc, Protec House, Churchill Way, Nelson, Lancashire, BB9 6RT