

- 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.

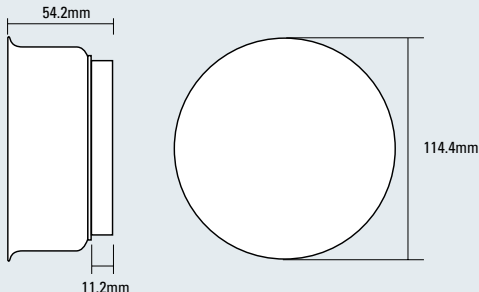
The 3000/SSR is an ideal addition to any fire alarm system providing a clear audible indication of a fire alarm.

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.



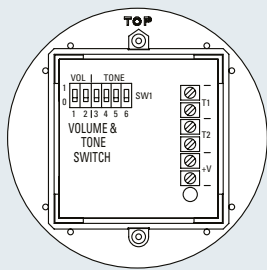
3000/SSR Technical Specification

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



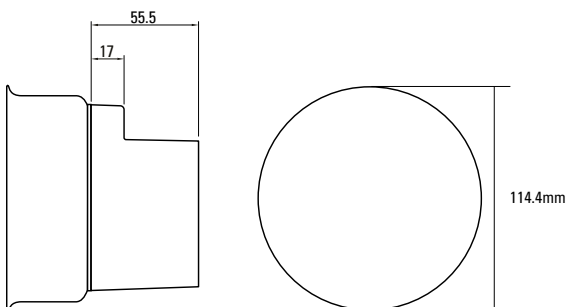
Technical Specification:

| | |
|----------------------|---|
| 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% RH 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/SSR2 | Red Sounder C/W Standard Base |
| 3000/SSW2 | 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 |

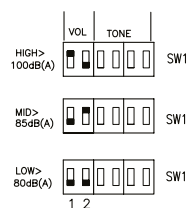
Deep Base Dimensions (mm)



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 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 2 | OFF | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 3 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 4 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 5 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 6 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 7 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 8 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | SW1 |
| TONE 9 | TONE 2 | 0 1 2 3 4 5 6 | 0 1 2 3 4 5 6 | 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

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