

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



The 3000/SSR/LED comprises a high output electronic sounder and high intensity flashing beacon array. Combining the two functions in one compact design, improves the aesthetic appearance and simplifies the installation of the device.

The 3000/SSR/LED has a typical sound output of 100dB(A) at 1m with DIL switch selectable tones and volume. The beacon has an array of high intensity LEDs with a flash rate of 1Hz. The Sounder and beacon activate together whenever the power is applied. Designed to comply to all relevant CE and LVD standards.

Available in a choice of lens and body colours, the 3000/SSR/LED has an IP65 rating making the product suitable for mounting internally or externally.

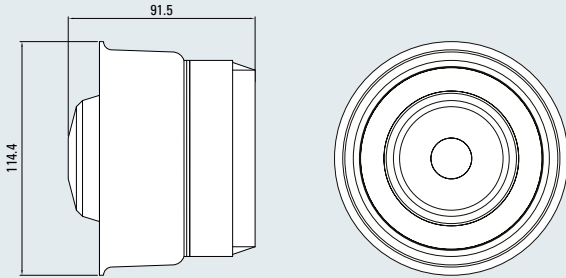
The 3000/SSR/LED/RED is an ideal addition to any fire alarm system providing a clear audible and visual indication of fire alarm, for users with hearing or visual impairment.

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/LED/RED**
-  **3000/SSW/LED/RED**
-  **3000/SSW/LED/CLEAR**
-  **3000/SSW/LED/AMBER**
-  **3000/SSW/LED/BLUE**
-  **3000/SSW/LED/GREEN**

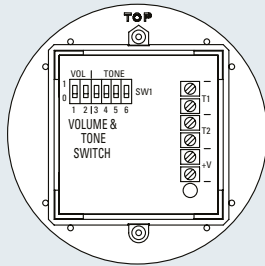
# 3000/SSR/LED Technical Specification

## 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



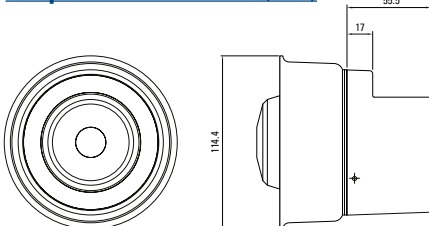
## Technical Specification:

Supply Voltage Range	20 to 30V DC
Alarm Current	10mA (average) @ 24VDC continuous tone, no surge current upon activation
Output Details	Piezo sounder and array of Red LED's upon connection of DC power. Sounder tone and volume level dependent upon switch settings. High-100, Mid-85, Low-80 dB(A) Flash rate 1Hz
Weight	273g
Temperature Range	-10°C to 55°C
Humidity	0 to 85% RH non condensing
IP Rating	IP65
Construction	ABS Base & Body/Polycarbonate
Applicable Standards	Designed to EN54 Part 3 & 17 Compliant to CE and LVD standards

## Model References

Product Code	Colour Options
<b>3000/SSR/LED/RED</b>	Red Lens (Red Body/Base)
<b>3000/SSW/LED/RED</b>	Red Lens (White Body/Base)
<b>3000/SSW/LED/CLEAR*</b>	Clear Lens (White Body/Base)
<b>3000/SSW/LED/AMBER</b>	Amber Lens (White Body/Base)
<b>3000/SSW/LED/BLUE</b>	Blue Lens (White Body/Base)
<b>3000/SSW/LED/GREEN</b>	Green Lens (White Body/Base)
<b>NOTE:</b> All Model References above are 24V DC LED beacons, 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. *This unit will flash red.	
<b>29-982-75</b>	Red Deep Base
<b>29-983-76</b>	White Deep Base

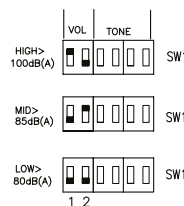
## Deep Base Dimensions (mm)



## Tone Options

No	Tone Options
<b>1</b>	Warble 990Hz 250ms 665Hz 250ms
<b>2</b>	Continuous Tone at 990Hz
<b>3</b>	Pulse Tone 990Hz 500ms Silence 500ms
<b>4</b>	UK Sweep
<b>5</b>	Dutch Slow Whoop
<b>6</b>	Reverse Sweep 1.5 Seconds Repetition Rate
<b>7</b>	French Fire Tone 554Hz for 100ms, 440Hz for 400ms
<b>8</b>	Pulse Tone 665Hz for 150ms Silence for 150ms
<b>9</b>	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	SW1
TONE 2	OFF	0 0 0 0	0 0 0 0	SW1
TONE 3	TONE 2	0 0 0 0	0 0 0 0	SW1
TONE 4	TONE 2	0 0 0 0	0 0 0 0	SW1
TONE 5	TONE 2	0 0 0 0	0 0 0 0	SW1
TONE 6	TONE 2	0 0 0 0	0 0 0 0	SW1
TONE 7	TONE 2	0 0 0 0	0 0 0 0	SW1
TONE 8	TONE 2	0 0 0 0	0 0 0 0	SW1
TONE 9	TONE 2	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

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