## Product Overview:
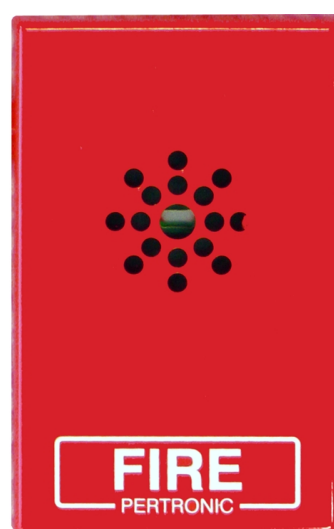
The Pertronic PS1-T3 is a piezo-sounder suitable for surface or flush mounting in areas where aesthetics are important, such as apartment buildings.
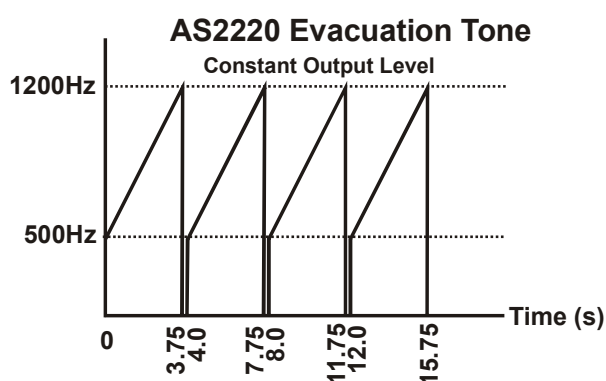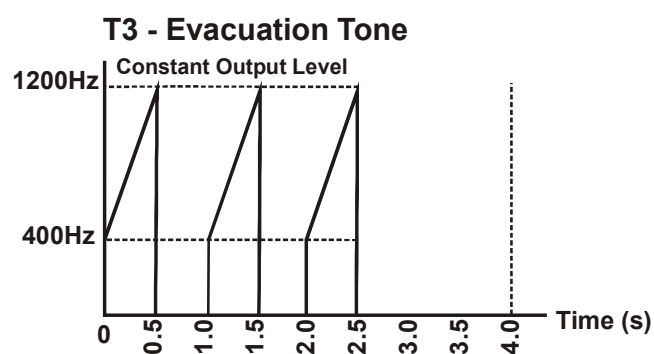


**PS1–WT3 (White)**

**PS1–RT3 (Red)**

## Features:

» Generates the Evacuation tone as specified by ISO8201 (T3) or AS2220 (link selectable)
» Normally connected to the monitored Warning System output of a Fire Alarm panel and is activated when the output circuit voltage polarity is reversed for the Alarm state
» May be mounted in standard single-gang flush or surface mount electrical fittings and is supplied with a protective plastic cover for installation during building construction
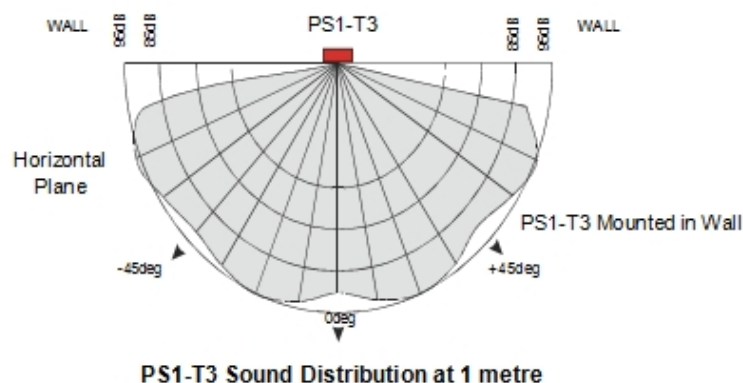» Available with Red or White clip on cover
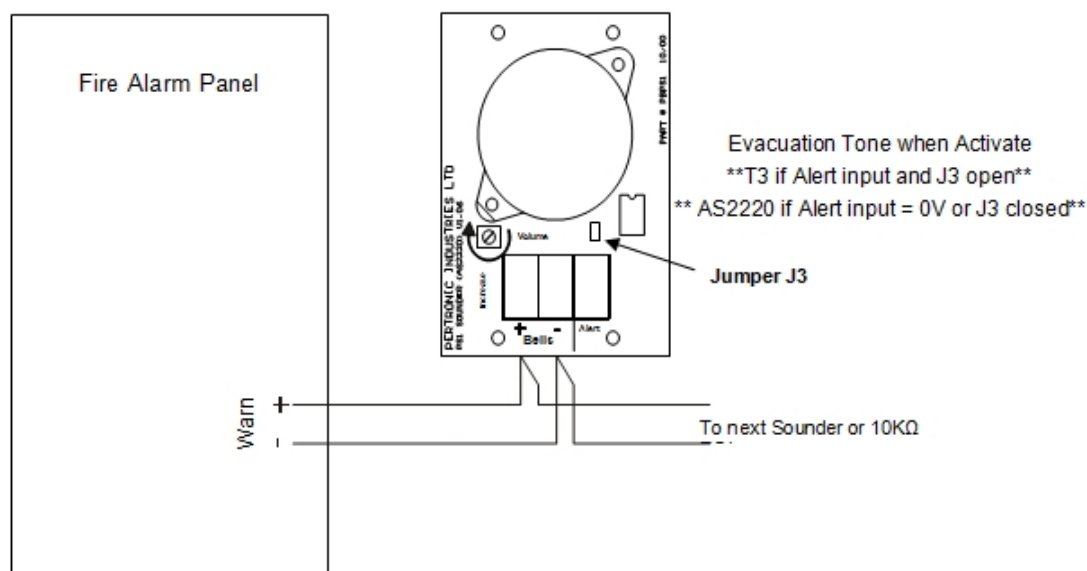
## Tone Characteristics:



T3 - Evacuation Tone



AS2220 Evacuation Tone

## Specifications:

- »    Dimensions      117 x 74 x 12      W x H x D mm (depth above Flush Box)
- »    Sound Level Output (peak)      Evacuation 12 Volt: High Volume – 95 dBA ± 3 dBA @ 1 m
  
  Evacuation 24 Volt: High Volume – 98 dBA ± 3 dBA @ 1 m
- »    Volume Control Range      20 dB
- »    Operating Voltage      9.5 to 30 V$_{DC}$
- »    Quiescent Current      0.2 µA @ 12 V$_{DC}$      0.4 µA @ 24 V$_{DC}$
- »    Operating Current      ISO8201 (T3)      9 mA Average, 25 mA peak @ 24 V$_{DC}$
  
       AS2220      14 mA average, 28 mA peak @ 24 V$_{DC}$
- »    Controls      Link selectable for T3 or AS2220 (default = No Link = T3)

## Sound Pressure Distribution:



PS1-T3 Sound Distribution at 1 metre

## Connection Diagram:



Evacuation Tone when Activate
**T3 if Alert input and J3 open**
** AS2220 if Alert input = 0V or J3 closed**

Jumper J3

To next Sounder or 10KΩ

## Ordering Information:

| Product Code | Description |
|---|---|
| PS1-RT3 | Conventional Sounder (Red) with AUS T3 Tones |
| PS1-WT3 | Conventional Sounder (White) with AUS T3 Tones |