



# Euro-VAC

## Euro-VAC Sounder (EVAC-SND)

The sounder is a low profile EN54:3 32 tone sounder incorporating many European and internationally recognised tones, high and low frequency tones as well as industry-standard frequency patterns.

Using broad frequency transducer-based technology the Pro sounder boasts leading acoustics, low power consumption and a modern, aesthetically pleasing design.

Available in white and grey in an array of different mounting options including an IP67 Weatherproof base.

## TECHNICAL DATA

|                                       |  |
|---------------------------------------|--|
| Operating Voltage                     | 9-30V dc (Approved at 18-28 Vdc)   |
| Typical Current Consumption (Sounder) | See information table on Page 2  |
| Sound Output (dB(A) typical at 1m)    | See information table on Page 2  |
| Tones Available                       | See information table on Page 2  |
| Weight                                | 130g (Flush)/157g (Shallow)  |
| Housing Material                      | Fire rated ABS   |
| Operating Temperature                 | -10°C to +50°C   |
| Body Colour                           | White/Grey   |
| Environmental Category                | Type A (Indoor)  |
| Volume Control                        | 1. Max.<br>2. High (-6 dB(A))<br>3. Medium (-12 dB(A))<br>4. Low (-18 dB(A)) |
| Order Codes                           | EVAC-SND-W: White Sounder<br>EVAC-SND-G: Grey Sounder                        |

## KEY FEATURES

- 32 Tones - 9 Approved
- EN54-3 tested and fully approved in accordance with CPR
- Flush and surface options
- Low current consumption
- Four selectable volume levels
- Low profile
- Self test

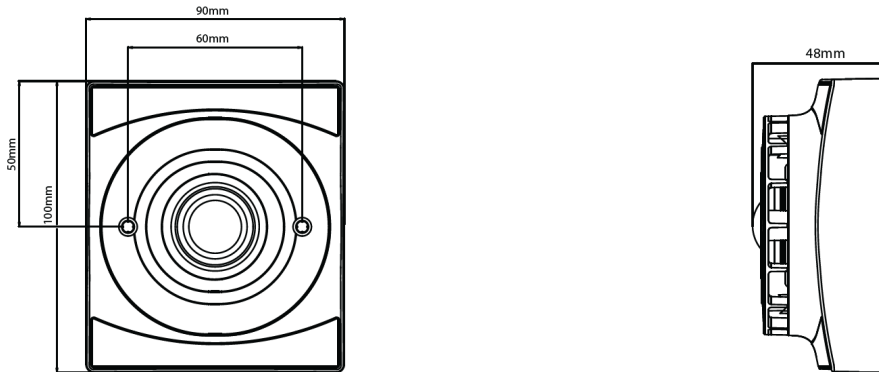
## SOUND OUTPUT TABLE & TONE SPECIFICATION

| Tone Number | DIL Switches |   |   |   |   | Tone  | Alt Tone | Typical Current (mA) |   | Typical SPL (dB(A)) |        |
|-------------|--------------|---|---|---|---|---|----------|----------------------|---|---------------------|--------|
|             | 1            | 2 | 3 | 4 | 5 |   |          | 12 Vdc               | 28 Vdc  | 12 Vdc              | 28 Vdc |
|             | 1*           | 0 | 0 | 0 | 0 |   |          | 0                    | Identifire Pro Slow - - 800Hz to 970Hz Swept at 1Hz | 9                   | 8      |
| 2*          | 1            | 0 | 0 | 0 | 0 | Identifire Pro Medium - 800Hz to 970Hz, Swept at 3 Hz                             | 9        | 9                    | 18  | 99                  | 105    |
| 3*          | 0            | 1 | 0 | 0 | 0 | Identifire Pro Fast - 800Hz to 970Hz, Swept at 5Hz                                | 9        | 9                    | 19  | 99                  | 105    |
| 4*          | 1            | 1 | 0 | 0 | 0 | DIN Tone (DK) - 1200Hz falling to 500Hz over 1 sec, silence 10mS                  | 9        | 8                    | 16  | 98                  | 104    |
| 5*          | 0            | 0 | 1 | 0 | 0 | French Fire Sounder - 554Hz for 100mS and 440Hz for 400mS                         | 9        | 6                    | 11  | 96                  | 101    |
| 6*          | 1            | 0 | 1 | 0 | 0 | Swedish Tone (Fire) - Intermittent 660Hz 150mS on, 150mS off                      | 13       | 5                    | 8   | 95                  | 100    |
| 7*          | 0            | 1 | 1 | 0 | 0 | Slow Whoop - 500Hz rising to 1200Hz over 3.5s, silence 0.5s (dutch)               | 9        | 6                    | 11  | 99                  | 105    |
| 8*          | 1            | 1 | 1 | 0 | 0 | Italian Tone - 970Hz  | 1        | 9                    | 19  | 95                  | 105    |
| 9*          | 0            | 0 | 0 | 1 | 0 | ISO8201 LF - Intermittent 970Hz 500mS on, 500mS off                               | 10       | 6                    | 11  | 95                  | 105    |
| 10          | 1            | 0 | 0 | 1 | 0 | ISO8201 HF - Intermittent 2900Hz 500mS on, 500mS off                              | 9        | 7                    | 14  | 99                  | 107    |
| 11          | 0            | 1 | 0 | 1 | 0 | US Temporal Tone LF - 950Hz for 0.5s on 0.5s off, for 3 phases, silence for 1.5s  | 9        | 5                    | 8   | 93                  | 101    |
| 12          | 1            | 1 | 0 | 1 | 0 | US Temporal Tone HF - 2900Hz for 0.5s on, 0.5s off for 3 phases, silence for 1.5s | 24       | 7                    | 15  | 99                  | 107    |
| 13          | 0            | 0 | 1 | 1 | 0 | Swedish Tone (All Clear) - Continuous 660Hz                                       | 6        | 6                    | 10  | 93                  | 101    |
| 14          | 1            | 0 | 1 | 1 | 0 | Aus (Fast Rise Sweep) - 3 x (500Hz - 1200Hz for 0.5s), 0.5s off                   | 17       | 5                    | 7   | 94                  | 101    |
| 15          | 0            | 1 | 1 | 1 | 0 | NZ (Slow Rise Sweep) - 500Hz - 1200Hz for 3.75s, 0.25s off                        | 16       | 5                    | 9   | 96                  | 103    |
| 16          | 1            | 1 | 1 | 1 | 0 | Australian Alert Signal - 420Hz repeating 0.625s on, 0.625s off                   | 17       | 5                    | 7   | 93                  | 100    |
| 17          | 0            | 0 | 0 | 0 | 1 | Australian Evacuation Signal - 500Hz to 2300Hz sweeping 3.75s on, 0.25s off       | 16       | 7                    | 14  | 97                  | 104    |
| 18          | 1            | 0 | 0 | 0 | 1 | BS Fire Tone Alternating 800&970Hz @ 2Hz (250mS-250mS)                            | 9        | 6                    | 12  | 93                  | 100    |
| 19          | 0            | 1 | 0 | 0 | 1 | Identifire Pro Continuous LF @ 900Hz  | 1        | 7                    | 13  | 96                  | 104    |
| 20          | 1            | 1 | 0 | 0 | 1 | Pro Buzz LF - 800Hz to 950Hz swept at 120Hz                                       | 9        | 7                    | 13  | 95                  | 102    |
| 21          | 0            | 0 | 1 | 0 | 1 | Pro buzz HF - 2400Hz to 2900Hz at 120Hz   | 24       | 10                   | 23  | 101                 | 108    |
| 22          | 1            | 0 | 1 | 0 | 1 | Pro Fast Sweep HF - 2400Hz to 2900Hz at 9Hz                                       | 24       | 11                   | 23  | 101                 | 108    |
| 23          | 0            | 1 | 1 | 0 | 1 | Pro Slow Sweep HF - 2400Hz to 2900Hz at 3Hz                                       | 24       | 11                   | 23  | 101                 | 108    |
| 24          | 1            | 1 | 1 | 0 | 1 | Pro Continuous HF - Continuous at 2900Hz  | 23       | 12                   | 26  | 99                  | 107    |
| 25          | 0            | 0 | 0 | 1 | 1 | Pro Fast Sweep HF (New) - 2450Hz to 3100Hz at 9Hz                                 | 24       | 11                   | 24  | 100                 | 108    |
| 26          | 1            | 0 | 0 | 1 | 1 | Apollo Evacuation Tone - 567Hz for 0.5s, 850Hz for 0.5s                           | 9        | 6                    | 12  | 96                  | 104    |
| 27          | 0            | 1 | 0 | 1 | 1 | Alternating - (Hochiki & Fullcon) - 925Hz for 0.25s, 626Hz for 0.25s              | 9        | 7                    | 13  | 96                  | 103    |
| 28          | 1            | 1 | 0 | 1 | 1 | C-Tec Evac tone (675Hz for 0.5s, 925Hz for 0.5s)                                  | 28       | 6                    | 12  | 95                  | 103    |
| 29          | 0            | 0 | 1 | 1 | 1 | C-Tec Fast Warble (920Hz for 0.25s, 975Hz for 0.25s)                              | 29       | 6                    | 13  | 95                  | 103    |
| 30          | 1            | 0 | 1 | 1 | 1 | HiLo Warble 925Hz for 250mS, 628Hz for 250mS                                      | 13       | 7                    | 13  | 96                  | 103    |
| 31          | 0            | 1 | 1 | 1 | 1 | Alternate LF - Alternating 800Hz/1000Hz at 1Hz                                    | 19       | 5                    | 12  | 93                  | 100    |
| 32          | 1            | 1 | 1 | 1 | 1 | Pro sweep WF - 1700Hz to 2600Hz at 9Hz  | 19       | 23                   | 47  | 104                 | 111    |

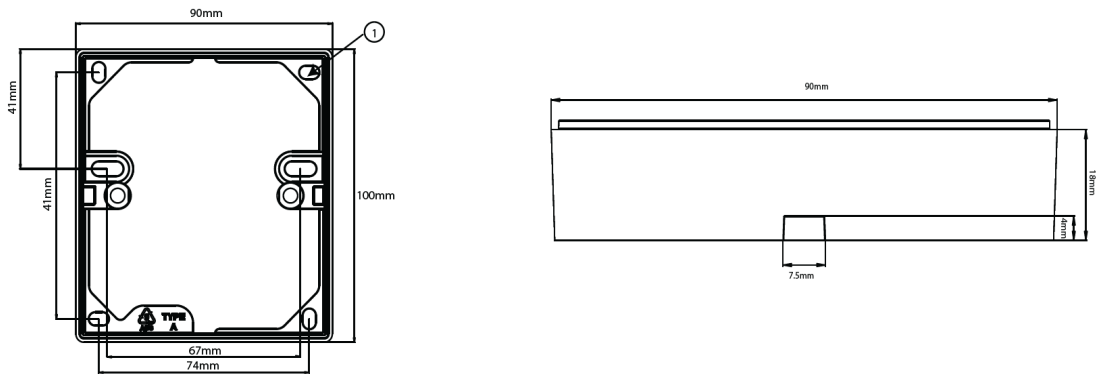
Currents apply to maximum volume setting. Tones and volume with \* have been tested to EN54:3.

## TECHNICAL DRAWINGS

### Front Plate



### Shallow



### Surface

