



Hardware Product Innovation of the Year



## Sygno-fi Wireless Sounder VAD Base (SYG-BSB-23R)

The SYG-BSB-23R Sygno-fi Sounder VAD base (red flash) is a high performance wireless device, incorporating an EN54-23 compliant VAD used to alert people in the event of a fire.

Each device has an integral moulded base for mounting a Sygno-fi wireless detector or a sounder blanking cap if a detector is not required. The unit has as standard 32+32 recognised sounder tones (primary and secondary) and 4 levels of volume adjustment, as well as high power/low power visual settings, all of which can be easily configured on site.

Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.

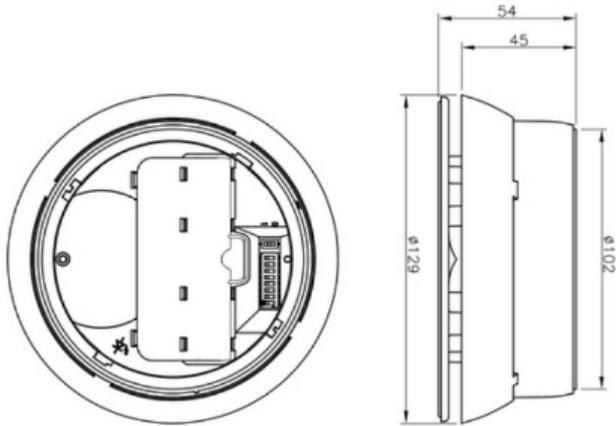
## TECHNICAL DATA

Operating frequency range	868 – 870 MHz
Max radiated power	14dBm (25mW)
Weight (without batteries)	224 g
Batteries	2x CR123A (3 V & 1.2 Ah)
Battery lifespan (typical)	5 years
Dimensions	129 mm x 54 mm
Operating Temperature	-10°C to +55°C
Max humidity (non condensing)	95% RH
Sound Output (typical)	88-91dBA (tone dependent)
VAD Settings	high power (C-3-15/O-4.6-15) low power (C-3-10)

## KEY FEATURES

- Only compatible with Sygno-fi detectors
- 32 tones settings (primary and secondary for alert and evacuation), selectable via onboard dip switches
- 4 volume levels
- Bi-directional wireless communication
- Can be used with Sygno-fi addressable and conventional translators
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range ( $\cong$  1 km in open air)
- 5 year battery life (including 10 seconds weekly test)
- Utilises standard low-cost lithium battery technology
- Device identification tab
- Easy scan & link programming option
- Security screw to prevent tampering and unwanted removal
- 3rd party approval to EN54-3 and EN54-25
- Red and white blanking cap options
- 5 year product warranty

## TECHNICAL INFORMATION



## APPROVALS

- BS EN54-25: Components using radio links and system requirements
- BS EN54-3: Fire alarm devices
- BS EN-54-23: Visual Alarm devices

## BLANKING CAP OPTIONS



White Blanking Cap



Red Blanking Cap