



Hardware Product Innovation of the Year



Sygno-fi Wall Mounted Sounder VAD (SYG-SBW)

The Sygno-fi Wall Sounder VAD combines the Sygno-fi SYG-SIM Wall Sounder Module with the 100-3800V Conventional Wall Sounder VAD (each sold separately). The Sygno-fi Wall Sounder VAD is a EN54-3 (Type B) and EN54-23 compliant visual/alarm device, equipped with 3 levels of volume adjustment, high output LED beacon, and 32 recognised tones which can be set via the control equipment or locally at the sounder.

The wireless wall sounder VAD, once properly connected to a wireless system on a compatible loop, is fully controlled by the panel and benefits from an extensive range of intelligent control, test and monitoring functionality, including sounder synchronisation. Adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.

TECHNICAL DATA

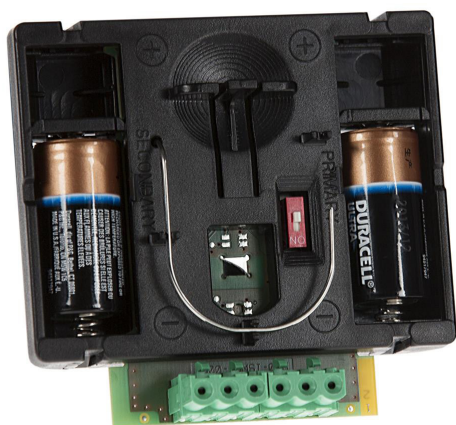
Operating frequency range	868 – 870 MHz
Max radiated power	14dBm (25mW)
Acoustic frequency range	400-2900 Hz
Maximum acoustic output	100 dB(A) ± 3
Visual Alarm Device (VAD) colour	White
Visual Alarm Device (VAD) frequency	0.5 Hz
VAD flash coverage	W-2.5-7 (EN 54-23)
IP Rating	X5
Weight	380g
Primary & secondary batteries	2x CR123A (3V & 1.2Ah)
Dimensions	132mm x 126mm x 90mm
Operating Temperature	-10°C to +55°C
Max humidity (non condensing)	95% RH

KEY FEATURES

- Bi-directional wireless communication
- 32 tones settings (primary and secondary for alert and evacuation), selectable via onboard dip switches
- On site adjustable volume settings
- Silent sounders setting for beacon only use
- Waterproof certified to IPX5
- 22 pairs of field channels
- Dual channel redundancy
- Long communication range (≈ 1 km in open air)
- 5 year expected battery life including weekly test
- Utilises standard low cost lithium battery technology
- Easy scan & link programming option
- 3rd party approval to EN54-3 (type B) and EN54-23
- Red and white body colours available
- 5 year product warranty.

RELATED PRODUCTS

The Sygno-fi Wall Sounder Wireless Module (SYG-SIM) is designed for use with the Sygno-fi range of modular wall sounders and beacons.



APPROVALS

- BS EN54-3 (Type B): Fire Alarm Device, Sounders