



Hardware Product Innovation of the Year



### Sygno-fi Wall Mounted Sounder (SYG-WSR)

The Sygno-fi Sounder combines the Sygno-fi SYG-SIM Wall Sounder Module with the 100-3801V Conventional Wall Sounder (each sold separately).

The Sygno-fi Wall Sounder is a EN54-3 (Type B) compliant acoustic device, equipped with 3 levels of volume adjustment and 32 recognised tones which can be set via the control equipment or locally at the sounder. The wireless wall sounder, 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

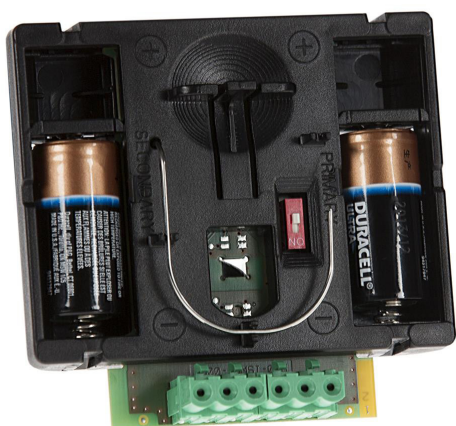
|                               |                        |
|-------------------------------|------------------------|
| Operating frequency range     | 868 – 870 MHz          |
| Max radiated power            | 14dBm (25mW)           |
| Acoustic frequency range      | 400-2900 Hz            |
| Maximum acoustic output       | 100 dB(A) ± 3          |
| 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 ( $\approx$  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)
- 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