

# Analogue Addressable Base Sounder

## ST-ABS-W



### Features

- ▶ Loop Powered with Single Loop Address - addressed automatically by Control Panel or via the ST-HHP Hand Held Programmer
- ▶ Variable Sound Output  
50 ~ 98 dB(A) ( $\pm 2$  dB(A)) output at 1 metre
- ▶ Fits ST Standard or Isolator Base and supports ESP Sensors, Addressable Beacons and Addressable Remote Indicator
- ▶ 51 User-Selectable Tones (all tones EN54-3 compatible)
- ▶ Auto-Shutdown feature prevents noise-pollution
- ▶ Approved by LPCB & VdS
- ▶ Also available in white
- ▶ SIL Level 2 approved variants available

### Description

Model ST-ABS-W is an addressable loop powered Base Sounder innovatively designed to give a range of tones and volumes with a maximum output of up to 98 dB(A) ( $\pm 2$  dB(A)) with low current consumption. The unit is designed to fit to the Standard Base (ST-ABI) or the Isolator Base (ST-ABI-SC) and can be fitted with any of the ESP Range of Sensors, Beacons or Remote Indicators. The unit can also be converted into a wall sounder with the simple addition of a Cap (ST/CAP). The sounder is Ingress Protection rated to IP21 and for internal use only. An Auto-Shutdown feature allows the user to set a fixed time within which the sounder will operate, before automatically silencing itself, cutting noise pollution.

### Specification

Ordering Codes	ST-ABS-I / ST-ABS-W ST/CAP
Operating Voltage	17 ~ 41 VDC
Low Power Mode (typ)	40 $\mu$ A
Quiescent Current (typ)	150 $\mu$ A
Sounding Current (typ)	0.8 mA (50 dB(A) @ 1 m) ~ 16 mA (98 dB(A) @ 1 m)
Sound Output (at 1 metre)	50 ~ 98 dB(A) ( $\pm 2$ dB(A)) @ 24 VDC or above (EN54-3 compliant)
Number of Tones	51
Tone Frequency Range	300 Hz ~ 2850 Hz
Operating Temperature Range	-10 °C to +50 °C
Storage Temperature Range	-30 °C to +70 °C
Maximum Humidity	95% RH - Non Condensing (at 40 °C)
Colour / Case Material	Ivory or white / PC+PS+GF5
Ingress Protection Rating	IP21
Weight (g) / Dimensions (mm)	112 / H113 x W113 x D43
Base Fixing Centres (mm)	48 ~ 74

**Note: Although the ST-HHP Hand Held Programmer will allow addresses between 128 and 254 to be programmed into the ST-ABS-W, addresses 1 to 127 ONLY should be used.**

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