

Analogue Wall Sounder ST-AWS-R



Features

- ▶ Loop Powered
- ▶ Single Loop Address - addressed via the ST-HHP Hand Held Programmer
- ▶ Variable Sound Output
90 ~ 102 dB(A) (± 2 dB(A)) output at 1 metre
- ▶ Fits ST Standard or Isolator Base
- ▶ Weatherproof Kit available
- ▶ 51 User-Selectable Tones (all tones EN54-3 compatible)
- ▶ Also available in white
- ▶ Approved by LPCB & VdS
- ▶ SIL Level 2 approved variants available

Description

Model ST-AWS-R is an addressable loop powered Wall Sounder innovatively designed to provide a range of tones and volumes with a maximum output of up to 102dB(A) (± 2 dB(A)) with low current consumption. The unit is designed to fit to the Standard Base (ST-ABS2-R) or the Isolator Base (ST-ABI-R). The sounder is IP rated to IP21 for internal use but it can be made weatherproof by utilising the ST-AKWB-R Weatherproof Kit, which consists of a specialised back box and gasket set.

Also incorporates an auto shutdown mode* which allows the user to set a fixed time within which the sounder will operate, before automatically silencing itself, ideal for minimising noise pollution.

Specification	
Ordering Codes	ST-AWS-R / ST-AWS-W ST-AKWB-R (Weatherproof Kit)
Operating Voltage	17 ~ 41 VDC
Quiescent Current (typ)	150 μ A (with ST-ABS2-R) 200 μ A (with ST-ABI-R)
Sounding Current (typ)	2 mA (90 dB(A) (± 2 dB(A)) @ 1 m) ~ 8 mA (102 dB(A) (± 2 dB(A)) @ 1 m)
Sound Output (at 1 metre)	90 ~ 102 dB(A) (± 2 dB(A)) @ 24 VDC or above
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	Red or White/ PC ABS
Ingress Protection Rating	IP21 (IP65 with ST-AKWB-R)
Weight (g)/Dimensions (mm)	152 / H112 x W112 x D67
Base Fixing Centres (mm)	48 ~ 74

*Dependent on control panel compatibility.

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