

Analogue Wall Sounder Beacon

ST-AWSF-RWL



Features

- ▶ 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
- ▶ Sounder and Beacon can operated independently*¹
- ▶ 0.5 or 1Hz flash frequency*¹
- ▶ High Intensity LED technology
- ▶ Fits Hochiki Standard or Isolator Base
- ▶ 51 User-Selectable Tones (all tones EN54-3 approved)
- ▶ Auto-Shutdown feature prevents noise pollution*¹
- ▶ 'O' Rated Beacon to EN54-23
- ▶ Available with Red or White LEDs
- ▶ Available with Red or White case
- ▶ Weatherproof Kit available

Description

Model ST-AWSF-RWL is an addressable loop powered Wall Sounder Beacon 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 features an integral beacon within the horn utilising high intensity LED technology and is designed to fit to the Standard Base ST-ABI-R or the Isolator Base ST-ABI-RSC. 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*¹ 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-AWSF-RWL, ST-AWSF-RRL, ST-AWSF-WWL, ST-AWSF-WRL/RL (see page 2 for further details)
Operating Voltage	17 ~ 41 Vdc
Quiescent Current (typ)	150 μ A (with ST-ABS2-R & ST-ABS2-W) 200 μ A (with ST-ABS2-RSC & ST-ABS2-WSC)
Sounding Current (typ)	2 mA (90 dB(A) (± 2 dB(A)) @ 1 m) ~ 8 mA (102 dB(A) (± 2 dB(A)) @ 1 m)
Additional Current when Beacon active	+ 7 mA
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
Lens Material	Translucent PC
Ingress Protection Rating	IP21 (IP65 with ST-AKWB-R)
Weight (g)/Dimensions (mm)	164 / H112 x W112 x D67
Base Fixing Centres (mm)	48 ~ 74

*¹ Panel compatibility dependant.

Note: Although the ST-HHP Hand Held Programmer will allow addresses between 128 and 255 to be programmed into the ST-AWSF-RWL, addresses 1 to 127 ONLY should be used.

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