

Analogue Wall Sounder Beacon

CHQ-WSB2(HFP)



Features

- ▶ Single Loop Address - addressed via the TCH-B200 Hand Held Programmer
- ▶ Variable Sound Output
dB(A) (± 2 dB(A)) output at 1 metre 102 ~ 90
- ▶ Sounder and Beacon can operated
* independently
- * ▶ Variable flash frequency
- ▶ High Intensity LED technology
- ▶ Fits Hochiki Standard or Isolator Base
- ▶ 51 User-Selectable Tones (all tones EN54-3 (compatible
- * ▶ Auto-Shutdown feature prevents noise pollution
- ▶ 'O' Rated Beacon to EN54-23
- ▶ Available with Red or White LEDs
- ▶ Available in White
- ▶ Weatherproof Kit available

Description

Model CHQ-WSB2(HFP) 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 (YBO-R/3(RED) & YBO-R/SCI(WHT)) or the Isolator Base (YBO-R/SCI(RED) & YBO-R/SCI(WHT)). The sounder is IP rated to IP21 for internal use but it can be made weatherproof by utilising the CHQ-WPK 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	CHQ-WSB2(HFP)
Operating Voltage	17 ~ 41 Vdc
Quiescent Current (typ)	150 μ A (with YBO-R/3(RED) & YBO-R/3(WHT)) 200 μ A (with YBO-R/SCI(RED) & YBO-R/SCI(WHT))
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, White / PC ABS
Lens Material	Translucent PC
Ingress Protection Rating	IP21 (IP65 with WS2-WPK)
Weight (g)/Dimensions (mm)	164 / H112 x W112 x D67
Base Fixing Centres (mm)	48 ~ 74

*Dependent on control panel compatibility.

Note: Although the TCH-B200 Hand Held Programmer will allow addresses between 128 and 255 to be programmed into the CHQ-WSB2, addresses 1 to 127 ONLY should be used.