

Hochiki Analogue Wall Sounder Beacon (CHQ-WSB2)

Model CHQ-WSB2 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) (±2dB(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 or YBOR/3(WHT)) or the Isolator Base (YBO-R/SCI(RED) or 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*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.

FEATURES

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

TECHNICAL SPECIFICATION

Ordering code	CHQ-WSB2 - Red / CHQ-WSB2(WHT) - White / CHQ-WPK - Weatherproof Kit
Operating voltage	17 ~ 41 VDC
Quiescent current (typical)	150 µA (with YBO-R/3(RED) & YBO-R/3(WHT)) 200 µA (with YBO-R/SCI(RED) & YBO-R/SCI(WHT))
Sounding current (typical)	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 ~ 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)
IP Rating	IP21 (IP65 with WS2-WPK)
Base fixing centres (mm)	48 ~ 74
Colour / Case material	Red or White / PC ABS
Lens Material	Tranluscent PC
Weight (g) / Dimensions (mm)	164 / Ø 112 x H 67
*1 Check control panel compatibility	

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