

## ESPintelligent

# CHQ-WSB

## Analogue Wall Sounder Beacon

### Features

- ▶ Auto-Shutdown feature prevents noise pollution\*<sup>1</sup>
- ▶ Sounder and Beacon can operated independently\*<sup>1</sup> Fits Hochiki Standard or Isolator Base
- ▶ 51 User-Selectable Tones (all tones AS7240.3 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\*<sup>1</sup>
- ▶ High Intensity LED technology
- ▶ Fits Hochiki Standard or Isolator Base
- ▶ O' Rated Beacon to AS7240.23
- ▶ Available with Red or White LEDs
- ▶ Available with Red or White case
- ▶ Weatherproof Kit available
- ▶ SIL Level 2 approved variant available



### Description

Model CHQ-WSB 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 (CHQ-WPK) & YBOR/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 WS2-WPK Weatherproof Kit, which consists of a specialised back box and gasket set.

Also incorporates an auto shutdown mode\*<sup>1</sup> 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

Operating Voltage	17 ~ 41 Vdc
Quiescent Current (typ)	150 µA (with YBO-R/3(RED) & YBO-R/3(WHT)) 200 µA (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 or 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