

# ESP intelligent CHQ-WS2(WHT)

## Analogue Wall Sounder

### Features

- ▶ Loop Powered
- ▶ Single Loop Address - addressed via the TCH-B200 Hand Held Programmer Variable Sound Output 90 ~ 102 dB(A) ( $\pm 2$  dB(A)) output at 1 metre
- ▶ Fits Hochiki Standard or Isolator Base
- ▶ Weatherproof Kit available
- ▶ 51 User-Selectable Tones
- ▶ Also available in white
- ▶ Approved by LPCB & VdS
- ▶ SIL Level 2 approved variants available.
- ▶ Approved to AS ISO AS7240.3



### Description

Model CHQ-WS2 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) ( $\pm 2$ dB(A)) with low current consumption. The unit is designed to fit to the Standard Base (YBO-R/3(RED)) or the Isolator Base (YBO-R/SCI(RED)). 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\* 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 code	CHQ-WS2 - Red / CHQ-WS2(WHT) - White / WS2-WPK - Weatherproof Kit
Operating voltage	17 ~ 41 VDC
Quiescent current (typical)	150 $\mu$ A (with YBO-R/3(RED)) 200 $\mu$ A (with YBO-R/SCI(RED))
Sounding current (typical)	2 mA (90 dB(A) ( $\pm 2$ dB(A)) @ 1 m) ~ 8 mA (102 dB(A) ( $\pm 2$ dB(A)) @ 1 m)
Sound output (at 1 metre)	90 ~ 102 dB(A) ( $2\pm$ 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
Weight (g) / Dimensions (mm)	152 / $\varnothing$ 112 x D 67