

# ESP intelligent CHQ-WS2

## 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))<br>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   |