

# Analogue Wall Sounder Beacon

## CHQ-WSB



### Features

- ▶ Loop Powered
- ▶ Single Loop Address - addressed via the TCH-B100 Hand Held Programmer
- ▶ Variable Sound Output  
90 ~ 102dB(A) ( $\pm 2$ dB(A)) output at 1 metre
- ▶ High Intensity LED technology
- ▶ Variable flash frequency\*
- ▶ Fits Hochiki Standard or Isolator Base
- ▶ Weatherproof Kit available
- ▶ 51 User-Selectable Tones (all tones EN54-3 compatible)

### 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) ( $\pm 2$ 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)) 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 Codes                        | CHQ-WSB<br>WS2-WPK (Weatherproof Kit)   |
| Operating Voltage                     | 17 ~ 41Vd.c.  |
| Quiescent Current (typ)               | 150 $\mu$ A (with YBO-R/3(RED))<br>200 $\mu$ A (with YBO-R/SCI(RED))          |
| Sounding Current (typ)                | 2mA (90dB(A) ( $\pm 2$ dB(A)) @ 1m) ~<br>8mA (102dB(A) ( $\pm 2$ dB(A)) @ 1m) |
| Additional Current when Beacon active | + 5mA   |
| Sound Output (at 1 metre)             | 90 ~ 102dB(A) ( $\pm 2$ dB(A)) @ 24Vd.c. or above                             |
| Number of Tones                       | 51  |
| Tone Frequency Range                  | 300Hz ~ 2850Hz  |
| 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 / PC ABS  |
| 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-B100 Hand Held Programmer will allow addresses between 128 and 254 to be programmed into the CHQ-WSB, addresses 1 to 127 ONLY should be used.**

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