

# Analogue Addressable Base Sounder

## YBO-BS



### Features

- ▶ Loop Powered with Single Loop Address - addressed automatically by Control Panel or via the TCH-B100 Hand Held Programmer
- ▶ Variable Sound Output  
50 ~ 98dB(A) ( $\pm 2$ dB(A)) output at 1 metre
- ▶ Fits Hochiki Standard or Isolator Base and supports ESP Sensors, Addressable Beacons and Addressable Remote Indicator
- ▶ 51 User-Selectable Tones (all tones EN54-3 compatible)
- ▶ Auto-Shutdown feature prevents noise-pollution
- ▶ Approved by LPCB & VdS
- ▶ Also available in white

### Description

Model YBO-BS is an addressable loop powered Base Sounder innovatively designed to give a range of tones and volumes with a maximum output of up to 98dB(A) ( $\pm 2$ dB(A)) with low current consumption. The unit is designed to fit to the Standard Base (YBN-R/3) or the Isolator Base (YBO-R/SCI – from Batch Number 6044) and can be fitted with any of the ESP Range of Sensors, Beacons or Remote Indicators. The unit can also be converted into a wall sounder with the simple addition of a Cap (SI/CAP). The sounder is Ingress Protection rated to IP21 and for internal use only. An Auto-Shutdown feature allows the user to set a fixed time within which the sounder will operate, before automatically silencing itself, cutting noise pollution.

| Specification                |  |
|------------------------------|--|
| Ordering Codes               | YBO-BS / YBO-BS(WHT)<br>SI/CAP   |
| Operating Voltage            | 17 ~ 41Vd.c.   |
| Low Power Mode (typ)         | 40 $\mu$ A   |
| Quiescent Current (typ)      | 150 $\mu$ A  |
| Sounding Current (typ)       | 0.8mA (50dB(A) @ 1m) ~ 16mA (98dB(A) @ 1m)                             |
| Sound Output (at 1 metre)    | 50 ~ 98dB(A) ( $\pm 2$ dB(A)) @ 24Vd.c. or above<br>(EN54-3 compliant) |
| 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       | Ivory or white / PC+PS+GF5   |
| Ingress Protection Rating    | IP21   |
| Weight (g) / Dimensions (mm) | 112 / H113 x W113 x D43  |
| Base Fixing Centres (mm)     | 48 ~ 74  |

**Note: Although the TCH-B100 Hand Held Programmer will allow addresses between 128 and 254 to be programmed into the YBO-BS, addresses 1 to 127 ONLY should be used.**