

# ESPintelligent

## YBO-BS

### ANALOGUE ADDRESSABLE BASE SOUNDER

#### Features

- ▶ Loop Powered with Single Loop Address - addressed automatically by Control Panel or via the TCH-B200 Hand Held Programmer
- ▶ Variable Sound Output 50 ~ 98 dB(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 ivory, white and black
- ▶ SIL Level 2 approved variants available



#### 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 98 dB(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) / YBO-BS(BLK) SI/CAP
Operating Voltage	17 ~ 41 VDC
Low Power Mode (typ)	40 $\mu$ A
Quiescent Current (typ)	150 $\mu$ A
Sounding Current (typ)	0.8 mA (50 dB(A) @ 1 m) ~ 16 mA (98 dB(A) @ 1 m)
Sound Output (at 1 metre)	50 ~ 98 dB(A) ( $\pm 2$ dB(A)) @ 24 VDC or above (EN54-3 compliant)
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	Ivory, White or Black/ PC ABS
IP Rating	IP21 (IP65 with CHQ-WPK)
Weight (g)/Dimensions (mm)	152 / H112 x W112 x D67
Base Fixing Centres (mm)	48 ~ 74

**Note:** Although the TCH-B200 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.