

# Analogue Addressable Base Sounder Beacon

## YBO-BSB



### 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
- ▶ Sounder and Beacon can operate independently\*
- ▶ 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\*
- ▶ Also available in white

### Description

Model YBO-BSB is an addressable loop powered Base Sounder with integral Beacon, 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 beacon 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 or beacon will operate, before automatically shutting down, cutting noise pollution in the case of the sounder element\*. Sounder and Beacon elements can be operated independently from each other\*.

\*dependent on Control Panel compatibility

Specification	
Ordering Codes	YBO-BSB / YBO-BSB(WHT) / SI/CAP
Operating Voltage	17 ~ 41Vd.c.
Low Power Mode (typ)	110 $\mu$ A
Quiescent Current (typ)	250 $\mu$ A
Sounding Current (typ)	1.3mA (50dB(A) @ 1m) ~ 21mA (98dB(A) @ 1m)
Sound Output (at 1 metre)	50 ~ 98dB(A) ( $\pm 2$ dB(A)) @ 24Vd.c. or above (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 / PC+PS+GF5
Lens Material	Translucent PC
Ingress Protection Rating	IP21
Weight (g) / Dimensions (mm)	160 / 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-BSB, addresses 1 to 127 ONLY should be used.**

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