

# Analogue Addressable Base Sounder YBO-BS(HFP)



## Features

- ▶ Loop powered with single loop address - addressed automatically by Control Panel or via the TCH-B100 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 white

## Description

Model YBO-BS(HFP) 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(HFP) SI/CAP
Operating Voltage	17 ~ 41V dc
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 V dc 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 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(HFP), addresses 1 to 127 ONLY should be used.**