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) (±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
- 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) (±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 - Ivory / YBO-BS(WHT) - White / YBO-BS(BLK) - Black / SI/CAP
Operating voltage	17 ~ 41 VDC
Low power mode (typical)	40 µA
Quiescent current (typical)	150 µA
Sounding current (typical)	0.8 mA (50 dB(A) @ 1m) ~16 mA (98 dB(A) @ 1m)
Sound output at 1m	50 ~ 98 dB(A) (±2 dB(A)) @ 24 VDC or above (EN54-3 compliant)
Number of tones	51
Tone frequency range	300 ~ 2850 Hz
Operating temperature range	-10ºC to +50ºC
Storage temperature range	-30ºC to +70ºC
Maximum humidity	95%RH Non-condensing (at 40ºC)
Colour / Case material	Ivory, White or Black / PC ABS
IP rating	IP21
Weight (g) / Dimensions (mm)	152 / 112 x H 67
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.