



hydrosense

# INSTALLATION INSTRUCTIONS

Tritone Sounder with VID (Part No. 10-1112 (All variants))

## General

The Hydrosense Sounder Beacon is a high output low current internal (Type A-IP21C) sounder, that provides the user with three user selectable tones (J1) and a volume selection (J2) with an integral visual indicator device (VID).

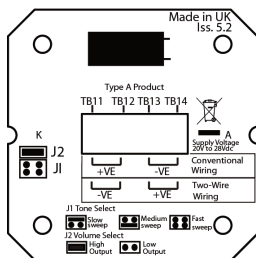
## Specification

Maximum Conductor Size	2.5 mm <sup>2</sup> per terminal
Tone 1 - J1 (Position 1) Slow Sweep Tone 800Hz to 970Hz swept at 1Hz)	92-96 dB(A) J2 Fitted, 86-90 dB(A) J2 Not Fitted
Tone 2 - J1 (Position 2) Medium Sweep Tone 800Hz to 970Hz swept at 3Hz)	92-96 dB(A) J2 Fitted, 86-90 dB(A) J2 Not Fitted
Tone 3 - J1 (Not Fitted) Fast Sweep Tone 800Hz to 970Hz swept at 9Hz)	92-96 dB(A) J2 Fitted, 86-90 dB(A) J2 Not Fitted
Operating current (typical)	14 mA (J2 Fitted) / 11.5mA (J2 Not Fitted)
Operating voltage (typical)	24 V dc (20 - 28 V dc)
Operating Temperature	-5° to +50° Celsius
Operating humidity	95% non-condensing
Material	Fire rated ABS
Knockouts	4 off 20 mm round, 1 off rectangular

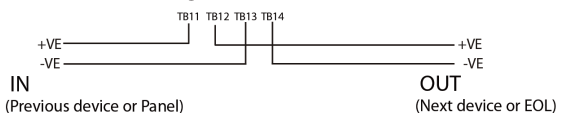
## Installation

If installing a surface backbox, fit the back box with the twin 20mm knockouts in the vertical plane either at the top or bottom as appropriate to the installation. Remove the required knockouts and fit the box to the building substrate (Note: Mounting screws not supplied). Once installed use appropriate glands if required by the local installation code of practice prior to installing the cables.

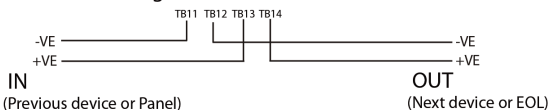
## Wiring



### Conventional Wiring



### Two-Wire Wiring



Once the cables have been wired to the front-plate then the front-plate should be screwed to the surface backbox or recessed backbox depending upon the installation using the supplied screws (fitted to front-plate)

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