# **INSTALLATION INSTRUCTIONS**



Tritone Sounder with VID (Part No. 10-1110 (All variants))

#### General

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

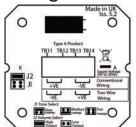
# Specification

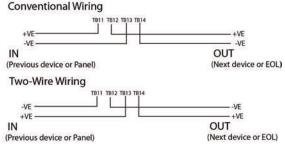
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Maximum Conductor Size	2.5 mm² per terminal
Tone 1 - J1 (Position 1) Slow Sweep	92-96 dB(A) J2 Fitted, 86-90 dB(A) J2 Not Fitted
Tone 800Hz to 970Hz swept at 1Hz)	
Tone 2 - J1 (Position 2) Medium Sweep	92-96 dB(A) J2 Fitted, 86-90 dB(A) J2 Not Fitted
Tone 800Hz to 970Hz swept at 3Hz)	
Tone 3 - J1 (Not Fitted) Fast Sweep	92-96 dB(A) J2 Fitted, 86-90 dB(A) J2 Not Fitted
Tone 800Hz to 970Hz swept at 9Hz)	
Operating current (typical)	14 mA (J2 Fitted) / 11.5mA (J2 Not Fitted)
Operating voltage (typical)	24 V dc (20 - 28 V dc)
Approval	UL-EU: EN 54-3:2001+A1:2002+A2:2006
	DoP:0843-CPR-0536
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





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 frontplate)

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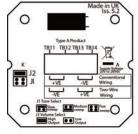
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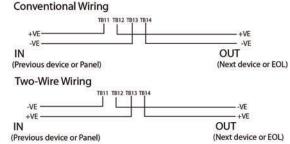
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# Wiring



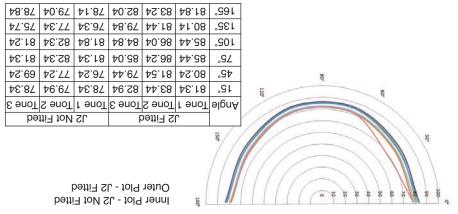


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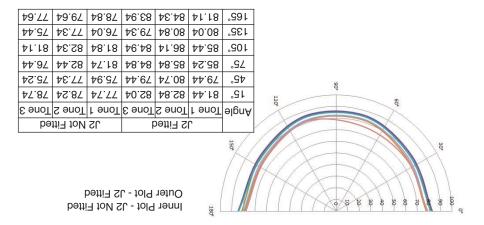
## Polar Plots

All the Polar data was taken at 28 V dc supply and at 1m distance

## Horizontal



# Vertical



The Declaration of Performance (DoP: 0843-CPR-0536) can be found on the Vimpex website : www.vimpex.co.uk/download/DOP/DOP\_19\_002.pdf

Tel: +44(0) 1702 216 999 Email: sales@vimpex.co.uk web:www.vimpex.co.uk

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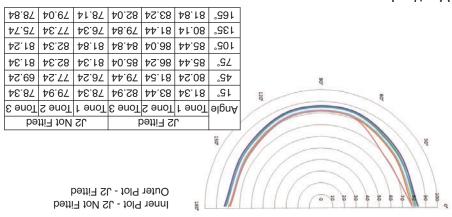
Vimpex Limited Star Lane, Great Wakering Essex SS3 0PJ England

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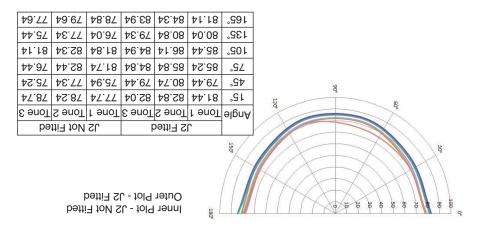
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