EvacGo

Sounder Base

Product Information

The EvacGo sounder base includes features such as group, global and individual control, status reporting and selectable tone and volume settings, all configured through the EvacGo control panel

The EvacGo sounder base requires a base cover (EVAC-BC/W, sold separately).



Features

- Adjustable tone and volume (15 tone pairs, 7 volume settings)
- Software defined group addressing with up to 16 group addresses
- Built-in isolator (when used with Evac sounder mounting base)
- Unique acoustic self test
- Set-up and testing of device at point of installation

Standards and Approvals

- EN 54-3:2001 +A1:2002 +A2:2006 - Sounders
- EN 54-17:2005 - Short circuit isolators
- EN IEC 63000:2018 - Hazardous substances
- BS EN 61000-6-3:2007 +A1:2011 - Electromagnetic compatibility
- BS EN 50130-4:2011 +A1:2014 - Electromagnetic compatibility

Order Codes and Options

EVAC-SNDR/B	Sounder base (Requires EVAC-MB/W & EVAC-BC/W)
EVAC-MB/W	Sounder mounting base (White)
EVAC-BC/W	Base cover (White)

Specification

Supply voltage	17V - 35V dc
Quiescent current	890µA
Alarm current, LED on	5.95mA (max volume at 24V)
Alarm current at each volume	Volume 7: 5.95mA
	Volume 6: 5.20mA
	Volume 5: 4.50mA
	Volume 4: 3.75mA
	Volume 3: 3.10mA
	Volume 2: 2.35mA
	Volume 1: 1.65mA (Not an EN 54-3 approved volume level)
Maximum sounder output at 90° at 1m	101dB(A)
Operating temperature	-10°C to +55°C
Storage temperature	-10°C to +55°C
Humidity	0% to 95% RH (No condensation or icing)
IP rating	IP21C
Dimensions	113mm diameter x 65mm deep
Weight	178g
Materials	Housing: White or red flame-retardant polycarbonate
	Terminals: Tin plated stainless steel

Note: All data is supplied subject to change without notice. Specifications are typical at 24V, +25°C and 50% RH unless otherwise stated.

The right tone for the installation

The EvacGo sounder base offers a choice of 15 evacuation tones. A tone is selected during commissioning in order to suit local regulations or customs.

Whichever evacuation tone is selected there is a secondary tone which may be used for alerting or warning of a possible evacuation.

Location specific volume setting

Detectors and sounder indicators are installed in many different types of environment.

When configuring the EvacGo open area sounder VAD devices the adjustment of the volume can be done at the point of installation.

The commissioning engineer simply sets the control panel to ‘Set-up’ and then walks from one device to the next to set the required volume, using a magnetic wand. When all devices have been set the engineer simply presses a button on the control panel which then registers all the individual volume settings.

The right level of sound

The sounder is set during commissioning to one of seven levels of sound, the highest level being nominally 95 dB(A) at 1m.

Construction Products Regulation (EU) 305/2011

The EvacGo sounder base complies with the essential requirements of the Construction Products Regulation (EU) 305/2011.

EMC Directive 2014/30/EU

The EvacGo sounder base complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this data sheet.

Conformity of the sounder base with the EMC Directive, does not confer compliance with the directive on any apparatus or systems connected to them.

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.