DB992IVAS

990 Series Base Sounder/Visual Indicator With Isolator

General

The DB992IVAS sounder beacon base is a multifunctional devices comprising of a mounting base for Series 990 fire detectors, a sounder, a beacon and a short circuit isolator. It is used to provide audible and visual warning of a fire alarm in an enclosed area. The DB992IVAS may be used either with a detector fitted or with a cap for operation as a stand-alone alarm device.



Tone and Volume Selecteion

The DB992IVAS offers a choice of 15 evacuation and 15 alert tones. Two tones may be selected during installation, one for evacuation and one for alert. Volume levels may be selected during commissioning to one of 7 pre-set levels, with output ranging from 60 dB(A) to 90 dB(A). The low volume range is useful in areas such as hospitals where the alert is initially intended to warn staff only.

During commissioning the sounder volume can be adjusted on location without disassembly or removal. With the CIE in "setup" mode, the commissioning engineer is able to adjust the volume using a magnetic wand. Once all sounders have been adjusted, "setup" mode on the CIE is cancelled and all sounder volume levels are stored in the sounder.

Group Addressing and Control

When multiple sounder/beacons in an area always need to be activated simultaneously, the DB992IVAS group addressing can be stored in each device, allowing the CIE to activate the group with a single command.

The installation also has free selection from the CIE on use of sounder only, beacon only or combined sounder/beacon operation. Functionality can be changed during time schedules, or time delays as is required per individual location.

Details

- Supports 15 evacuation and 15 alert tones
- 7 Volume levels
- Individual or software defined, group addressing
- Independant sounder and beacon control
- Set-up and testing at point on installation
- Built in isolator with status information

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Technical specifications

Electrical

Operating voltage	17 to 28 VDC 5 to 9 V (protocol pulses)
Current consumption	8 mA @ 24 V (Activated, max. volume) 1.2 mA @ 24 V (Switch-on surge, <1s) 350 µA @ 24 V (Quiescent)

Sounder

Output level	90db(A) ± 3dB(A) (Maximum at 90°) Tone dependent (Sound pressure level)

Physical

Physical dimensions	115 x 38 mm (Ø x H)
Net weight	160 g

Environmental

Operating temperature	-20 to +60°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP21D

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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