



Hi-Output W-2.4-8.2 Wall VAD c/w 103dB(A) Sounder (shallow base)

Addressable – Devices

Part No. BF433A/CX/SR

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Product Details

The Hi-Output range of addressable, loop-powered devices includes sounders and combined sounder visual alarm devices (VADs).

They are designed for use with C-TEC's ZFP/XFP panels and other Apollo Discovery compatible fire panels.

With a 103 dB(A) sound output @ 1 m, their purpose is to visually and audibly alert building occupants of a fire alarm. Units are supplied with either a shallow or deep base, in a red plastic enclosure.



Key Features

- Third-party certified to EN54-3 (Sounders), EN54-23 (VADs) and 17 (Isolators) by the LPCB.
- Provides 'W-2.4-8.2' light distribution when wall mounted (min 0.4 lux over a 2.4m x 8.2m cuboid area).
- Impressive 103dB(A) sound output @ 1m.
- Onboard short-circuit loop isolator.
- 550µA quiescent current.
- 14.5mA alarm current @ 24V DC (VAD lit, sounder on max).
- Group addressing facility allows multiple devices to be operated simultaneously.
- 7 selectable volume levels and up to 15 selectable tone pairs.
- IP21C (Type A) rated.

Technical Specifications

Approvals/certifications	Certified to EN54-3, 23 & 17 by the LPCB
Protocol/compatibility	Compatible with C-TEC's XFP/ZFP XP95/Discovery Addressable Fire Panels.
Application/operation	Designed to be wall mounted. Indoor areas only.
VAD category & coverage	W-2.4-8.2 light distribution (min. 0.4 lux over a 2.4m x 8.2m cuboid area). Also certified as a W-4-4 rated VAD.
Flash rate & colour	0.5Hz / White
Supply/operating voltage	17 to 28V DC (Sounder); 21 to 28V DC (Sounder/VAD).
Quiescent current	550µA @ 24 VDC.
Nominal SPL (Sound Pressure Level)	103dB(A) when set to tone 1.
Alarm current	14.5mA (VAD lit, Sounder on max).
Indicators	Polling (green LED) & Short Circuit Isolator Active (amber LED).
Product dimensions (mm)	108mm diameter x 99mm deep
IP Rating	IP21C (Type A).
Weight	230g.
Operating conditions/temperature	-10°C to +55°C. Max. 95% RH (Non-condensing).