



Compact C-3-8 Ceiling VAD

Addressable – Devices

Part No. BF458A/CX/SW

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Product Details

The Compact range of addressable, loop powered, devices include sounders, visual alarm devices (VADs) and combined sounder VADs. They are designed for indoor use with C-TEC's ZFP/XFP and other Apollo Discovery compatible fire panels.

Their purpose is to visually and audibly alert building occupants of a fire alarm. The devices offer low current consumption, high sound output, high efficiency VADs, seven selectable volume levels, 15 selectable tone pairs and built-in short-circuit loop isolators.

The sounder and VAD on the combined device can be set to operate independently of each other (panel dependent function).

All devices are fully compliant with the relevant sections of the fire alarm device standards EN 54-3 (Sounders), EN 54-23 (Visual alarm devices – VADs) and EN 54-17 (Short-circuit isolators).



Key Features

- Third-party certified to EN54-23 (VADs) and 17 (Isolators) by Intertek.
- Provides 'C-3-8' light distribution when ceiling mounted (min 0.4 lux over a 3 x 8m cylindrical area).
- Can also provide 'W-3-3.1' light distribution when wall mounted (min. 0.4 lux over a 2.4 x 3.5m cuboid area).
- Onboard short-circuit loop isolator.
- 550µA quiescent current.
- 10mA alarm current @24V DC.
- Group addressing facility allows multiple devices to be operated simultaneously.
- IP21C rated

Technical Specifications

Approvals/certifications	Certified to EN54-23 & 17 by Intertek
Protocol/compatibility	Compatible with C-TEC's XFP/ZFP XP95/Discovery Addressable Fire Panels.
Application/operation	Provides C-3-8 coverage when ceiling mounted. Alternatively can be wall mounted to provide W-3-3.1 coverage.
VAD category & coverage	C-3-8 (151m3 cylindrical coverage): W-3-3.1 (30m3 cuboid coverage).
Flash rate & colour	0.5Hz / White.
Supply/operating voltage	21 to 28V DC.
Quiescent current	550µA @ 24 VDC.

Alarm current	10mA @24V DC
Indicators	Polling (green LED) & Short Circuit Isolator Active (amber LED).
Product dimensions (mm)	102mm diameter x 63mm deep
IP Rating	IP21C
Weight	170g.
Operating conditions/temperature	-10°C to +55°C. Max. 95% RH (Non-condensing).