CAST C-3-8 Base VAD c/w 92dB(A) Sounder
Part No. CA456A/W

Overview

- LPCB certified to EN54-3, 23 & 17 and Kiwa Telefication certified to EN54-13.
- Provides 'C-3-8' rated light distribution.
- Impressive 92dB(A) sound output @ 1m.
- Onboard short-circuit loop isolator.
- 12.5mA typical alarm current (460µA typical quiescent) @ 27-40V DC.
- Group addressing facility allows multiple devices to be operated simultaneously.
- 4 selectable volume levels and 31 selectable tones.
- Optional BF330CTLIDW white or BF330CTLIDR red cap available for stand-alone use.
- IP21C rated.
- White ceiling fixing plate & detector spur wires included.

More Information

'CAST' is the world's most-advanced 'distributed intelligence' fire alarm system protocol. Conceived, designed and realised by C-TEC as part of a five-year, multi-million pound project, it involved the creation of a powerful proprietary communication protocol (C-TEC Addressable System Technology, CAST) and multiple control panels & field devices. Now available to purchase, its key features include: • 255 devices per loop. • Autonomous decision-making for faster response times. • Multiple type codes. • 40V loop drive voltage. • Two 'soft' addressing options – automatic via the panel or manual via a powerful handheld programmer. • Powerful multi-level addressing facilitates easy device addition and swapped device identification. • Multiple functionality at a single address (integrated devices) - coming soon. • Volumes, tones & detector modes can be changed at compatible panels. • High-speed data transmission and robust data transfer. • Intrinsically EN54-13 compliant. • Provides geographical location of short and open circuit faults (a short circuit isolator is included as standard in every CAST field device). • Replace device function. • Future seamless integration with other CAST life safety systems reducing energy, servicing, installation and repair costs. • Designed

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and manufactured in the UK.

Technical Specifications

Approvals/certifications	LPCB certified to EN54-3, 17 & 23 and Kiwa Telefication certified to EN54-13.
Protocol/compatibility	Compatible with C-TEC's CAST protocol Addressable Fire Panels.
Application/operation	Designed to be ceiling mounted – either stand-alone with a red or white cap or as part of a stacked Sounder/VAD/Detector Base combination.
VAD category & coverage	C-3-8.
Flash rate & colour	0.5Hz / White.
Supply/operating voltage	27 to 40V DC.
Quiescent current	460µA @ 27 to 40V DC (typical).
Nominal SPL (Sound Pressure Level)	92dB(A) when set to tone 1.
Alarm current	12.5mA 27 to 40V DC (typical, VAD lit, Sounder on max).
Indicators	Polling (red LED).
Product dimensions (mm)	122mm diameter x 46mm deep (not including optional CAST detector and base).
IP Rating	IP21C (Type A).
Weight	170g.
Operating conditions/temperature	-10ºC to +55ºC. Max. 95% RH (Non-condensing).