

CAST Hi-Output Wall Voice Sounder (shallow base)

Part No. **CA446A/SR**



Overview

- Superb sound intelligibility.
- Onboard short-circuit loop isolator.
- Four selectable volume levels.
- Six selectable messages with tones.
- 15.5mA typical alarm current (470µA typical quiescent current) @ 24-40V DC (sounder on max.)
- Group addressing facility allows multiple devices to be operated simultaneously.
- IP21C rated.
- Custom messages and CAST Lockdown Sounders also available to special order.



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 and manufactured in the UK.

Technical Specifications



Protocol/compatibility	Compatible with C-TEC's CAST protocol Addressable Fire Panels.
Application/operation	Designed to be wall mounted. Indoor areas only.
Supply/operating voltage	27 to 40V DC.
Quiescent current	470 μ A typical.
Nominal SPL (Sound Pressure Level)	92dB(A) @ 1m.
Alarm current	15.5mA @ 24-40V DC (sounder on max).
Indicators	Polling (red LED).
IP Rating	IP21C (Type A).
Dimensions	108.3 mm diameter, 99.5 mm deep (incl base).
Weight	215g.
Operating conditions/temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C. Max. 95% RH (Non-condensing).



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