

CAST Hi-Output 100dB(A) Wall Sounder (shallow base)

Part No. CA430A/SR



Overview

- LPCB certified to EN54-3 & 17 and Kiwa Telefication certified to EN54-13.
- Impressive 100dB(A) sound output @ 1m.
- Onboard short-circuit loop isolator.
- 6.5mA typical alarm (460µA typical quiescent current) @24-40V DC (Sounder on max).
- Group addressing facility allows multiple devices to be operated simultaneously.
- 4 selectable volume levels and 31 selectable tones.
- IP21C (Type A) rated.







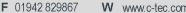
More Information

'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

Approvals/certifications LPCB certified to EN54-3 & 17 and Kiwa Telefication certified to EN54-13

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 24 to 40V DC. 460µA typical. Quiescent current

Nominal SPL (Sound Pressure Level) 100dB(A) when set to tone 1.

Alarm current 6.5mA typical @ 24-40V DC (Sounder on max).

Indicators Polling (red LED).

Product dimensions (mm) 108mm diameter x 99mm deep

IP Rating IP21C (Type A).

Weight 215g.

Operating conditions/temperature -10 $^{\circ}$ C to +55 $^{\circ}$ C. Max. 95% RH (Non-condensing).





