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

Part No. CA430A/DR



Overview

- LPCB certified to EN54-3 & 17 and Kiwa Telefication & DBI certified to EN54-13.
- EN54-13 & NTN 179L: 2021 certified by Belgian certification body BOSEC.
- Also certified to the relevant parts of EN54 with Swedish certification body SBSC.
- Impressive 100dB(A) sound output @ 1m.
- Onboard short-circuit loop isolator.
- 6.5mA typical alarm current (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.
- IP33C (Type B) rated.

More Information

'CAST' is the world’s most-advanced 'distributed intelligence’ fire alarm system protocol. Conceived, designed and realised by C-TEC, it involved the creation of a powerful proprietary communication protocol (C-TEC Addressable System Technology, CAST) and multiple control panels & field devices. Its key features include:- • 255 devices per loop. •

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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) via our CAST-PRO devices. • Volumes, tones & detector modes can be changed at compatible panels. • High-speed data transmission and robust data transfer. • Intrinsically EN54-13 compliant. • 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	Certified to EN54-3 & 17 by LPCB and certified to EN54-13 by Kiwa Telefication, Certified to EN54-13 & NTN 179-L:2021 by BOSEC, Certified to EN54-13 by DBI, Certified to the relevant parts of EN54 by SBSC
Protocol/compatibility	Compatible with C-TEC's CAST protocol Addressable Fire Panels.
Application/operation	Designed to be wall mounted. IP33C rated and suitable for use outdoors (note an IP55C rated version is also available).
Supply/operating voltage	24 to 40V DC.
Quiescent current	460µA typical.
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)	114mm diameter x 131mm deep.
IP Rating	IP33C (Type B).
Weight	300g.
Operating conditions/temperature	-10ºC to +55ºC. Max. 95% RH (Non-condensing).

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