# 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.
- 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. • 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

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| Approvals/certifications | Certified by SBSC to the relevant parts of EN54, DBI certified to EN54-13, 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. 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). |