

## CAST Hi-Output W-2.75-9 wall VAD c/w voice sounder, shallow, red

Part No. **CA447A/SR**



### Overview

- Superb sound intelligibility.
- Onboard short-circuit loop isolator.
- Four selectable volume levels
- Six selectable messages with tones.
- Provides 'W-2.75-9' rated light distribution
- 470µA quiescent current.
- 26mA alarm current.
- Group addressing facility allows multiple devices to be operated simultaneously.
- IP21C 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) - due 2020.
- 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 $\mu$ A.
Nominal SPL (Sound Pressure Level)	100dB(A) @ 1m synchronised
Alarm current	26mA.
Indicators	Polling (red LED).
IP Rating	IP21C (Type A).
Dimensions	108.3 mm diameter, 99.5 mm deep (incl base).
Weight	230g.
Operating conditions/temperature	-10°C to +55°C. Max. 95% RH (Non-condensing).



T 01942 322744 E [sales@c-tec.co.uk](mailto:sales@c-tec.co.uk)  
F 01942 829867 W [www.c-tec.com](http://www.c-tec.com)



C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom



T 01942 322744 E sales@c-tec.co.uk  
F 01942 829867 W www.c-tec.com



C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom