

# CAST Sounder Control Module

Part No. **CA738**



## Overview

Allows a zone/circuit of conventional fire alarm sounders to be connected to a CAST protocol fire alarm system.

Onboard short circuit loop isolator.

Conventional sounder circuit is continually monitored for open and short circuit faults.

3mA typical alarm current (530uA typical quiescent current) @ 22-40V DC.

Can provide up to 50mA output current (taken from the CAST addressable loop).

Polling, sounder circuit active and sounder circuit fault indicators.

## 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

Compatibility	Compatible with C-TEC's XFP/ZFP CAST Addressable Fire Panels.
Application/operation	Allows a zone/circuit of conventional fire alarm sounders and visual alarm devices to be connected to a CAST compatible fire alarm system.
Supply/operating voltage	22-40V DC
Quiescent current	530uA typical.
Zone current	Can provide up to 50mA (taken from the CAST addressable loop)
Alarm current	3mA @ 22-40V DC.
Indicators	Polling, sounder circuit active and sounder circuit fault indicators.
Product dimensions (mm)	147 W x 87H x 22 D mm. Can be mounted on a standard 25mm UK flush or surface double gang back box.
IP Rating	IP40 when correctly installed.
Weight	122g.



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