

4-8 Way Flat Interface

Part No. **CA737**



Overview

A loop-powered 4-8way flat interface for use on a C-TEC EVAC-ALERT system.

Supplied as a 4 circuit unit extendable to 8 using a CA737PCB.

Provides 4 or 8 monitored 12.5mA sounder circuits to power up to 2 self-testing evacuation alert sounders per flat.

Includes space and connections for an optional fully monitored auxiliary 24V 1A CA737PSU to power additional visual indicators and/or vibrating pillow pads.

Includes an onboard short circuit loop isolator

Uses one loop address per 4 sounder circuits

Sounder circuit test facility per circuit

The most practical and flexible device interfacing method for most new and refurb installations, the unit is ideally mounted in a riser on each floor

Maintains the independent open & short circuit monitoring of all sounder circuits.

Reliable hard-wired technology (for C-TEC's position on wireless devices [click here](#)).

Technical Specifications

Protocol/compatibility	CAST / CAST-PRO.
Compatibility	Compatible with C-TEC's CAST powered EVAC-ALERT evacuation alert panels.
Supply/operating voltage	18 to 40V DC.
Quiescent current	1700uA.
Alarm current	Max. 12.5mA per circuit (optional 24V 1A CA737PSU available to boost alarm current across all circuits)
No. of conventional sounder circuits	4 (as standard). Expandable to 8 using a CA737PCB.
Auxiliary relays	None.
Indicators	Active (Lit Red): sounder circuit activated; Polling (Flashing Red): communication check with the panel; Fault (Lit Yellow): fault detected on the sounder circuit and/or fault on aux. PSU (if connected).
Product dimensions (mm)	380 W x 235 H x 96D mm. Can be surface or flush mounted.



Construction & finish	Plastic lid and base.
IP Rating	IP30.
Weight	1.5kg approx (without batteries).
Operating conditions/temperature	-10°C to +55°C.



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