

4-8 Way Flat Interface

Part No. **CA737**



Overview

- A loop-powered 4-8 way 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 11.5mA sounder circuits to power one self-testing evacuation alert sounder per flat.
- Includes space and connections for an optional fully monitored auxiliary 24V 1A CA737PSU - one of these **MUST** be fitted if a visual alarm device and/or a vibrating pillow pad and/or more the one sounder are to be connected to the device's circuits.
- 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

Compatibility	Compatible with C-TEC's CAST powered EVAC-ALERT evacuation alert panels.
Protocol/compatibility	CAST / CAST-PRO.
Supply/operating voltage	18 to 40V DC.
Quiescent current	1700uA.
No. of conventional sounder circuits	4 (as standard). Expandable to 8 using a CA737PCB.
Alarm current	Max. 11.5mA per circuit (optional 24V 1A CA737PSU available to boost alarm current across all circuits)
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.
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.

