

'EVAC-ALERT' Evacuation Alert Panel (in C-TEC cabinet)

Part No. **EAP2/8/CA/EA**



Overview

- Designed for areas with low risks of vandalism such as secure or manned reception areas.
- Can be configured so its evacuation switches are not active until enabled by an external secure switch.
- Supplied as a 2 loop 8 zone panel expandable to 48 zones & 4 loops using add-on parts.
- Enclosure features a heavy duty external door with metal hinges & 2 secure cam locks.
- Can accommodate up to 38Ah batteries.
- Internal features include bright LED indicators, easy-to-operate evacuation toggle switches and a concealed but intuitive maintenance interface.
- Firefighter controls FULLY compliant with the requirements of BS 8629.
- Can be connected to self-testing evacuation alert sounders, visual indicators & vibrating pillow pads.
- Powered by C-TEC's powerful 'CAST' protocol & compatible with our ENVISION data management software.
- Customisable 'slide-in' floor/zone labelling system.
- Evacuation Alert Panel Mains Isolator Keyswitches also available - [click here for details](#).
- For unmanned, less secure areas our [EAP 2-4 Loop C-TEC Gerda variants](#) may be more appropriate.

Technical Specifications

Approvals/certifications	Power supply certified to EN54-4. Firefighter control switches to BS 8629
Protocol/compatibility	C-TEC CAST.
Mains supply	230V 50/60Hz.
Mains rated current	1.3A maximum.
Internal power supply	27.3Vdc +/- 1% nominal @ 20°C.
Total output current limited to	5A @ 230Vac (4A with 1A battery charging).

Battery charge capacity	7Ah min to 38Ah max.
Quiescent current	Varies depending on the panel's configuration - refer to our ZFP loop/battery calculation tool for details.
Max battery size and type	2 x 12V 38Ah VRLA connected in series. Max size of battery is 197 L x 175 H x 165 W mm.
No. of loop drivers	2 or 4.
Max. loop output current	450mA (38V max).
Max. loop length	1KM.
Max. addressable devices per loop	255.
Auxiliary relays	2 x Programmable Relays (programmable from C&Es). 1 x Fault Relay (active when no faults are present). Volt free single pole changeover. Max. switch current 1A; Max. switch voltage 30Vdc.
Other outputs	24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA.
Auxiliary inputs	2 x Programmable Inputs (programmable from C&Es). 470Ω to trigger. Max. input voltage 27V (non-latching).
PC connection	Via a galvanically isolated USB socket.
Pager/DECT connection	RS232. Requires a minimum of a BF874QAQ transmitter and a BF877QAQ display pager.
Graphics interface/diagnostics connection	RS485. Drax compatible. C-TEC ENVISION Cloud Enabled.
Network connection	RS485 hi-integrity multi-path fault tolerant network connection via optional ZHN network card. Max 64 network nodes.
Controls	User: Silence fault warning sounder, activate/deactivate alert devices. Maintenance: Interactive touchscreen with menu sensitive buttons; 1 x keyswitch allowing direct access to AL2.
Connections	Fixed, largest acceptable conductor size 2.5mm ² .
Expansion connections	RS485 peripheral bus connection allows the connection of up to 15 'A-Bus' PCBs (2 control cores plus screen plus 2 cores for power).
Construction & finish	Mild steel zinc coated with light grey RAL7035 light texture epoxy paint. (Suited to match C-TEC's ZFP panels).
IP Rating	IP30.
Dimensions	450 W x 462 H x 237 D mm.
Mounting information	Can be surface mounted or alternatively semi-flush-mounted using our ZBEZS bezel.
Weight	1.5kg approx (without batteries).
Notes	2 locks, 4 keys supplied (keyed alike).
1 Loop Variants	N/A.
2 Loop Variants	May be extended to 4 loops. Optional Network Card available.
4 Loop Variants	Optional Network Card available.
6 Loop Variants	N/A.
8 Loop Variants	N/A.