

CAST Addressable Single-Message Lockdown Alert Panel

Part No. **LAP501/CA**



Overview

- A dedicated single-message lockdown/invacuation control panel designed to help smaller venues meet the requirements of The Terrorism (Protection of Premises) Act 2025, also known as 'Martyn's Law'.
- Fully monitored and battery backed.
- Will broadcast a full lockdown message via a CAST lockdown voice sounder or CAST lockdown sounder VAD when a CAST lockdown call point is activated.
- ENVISION Enabled – fully compatible with C-TEC's Cloud based data management software allowing incidents to be monitored on or off site.
- Designed for use in conjunction with our [CAST lockdown alert voice sounders](#), [lockdown alert voice sounder VADs](#) and [lockdown alert call points](#).



More Information

The Terrorism (Protection of Premises) Act 2025, or "Martyn's Law", means premises with a capacity of 200 or more are now legally required to prepare to have public protection measures in place, including lockdown plans, by April 2027.

Designed to improve protective security and organisational preparedness across the UK, Martyn's Law means that those responsible for certain premises and events need to be better prepared and protected, ready to respond in the event of a terrorist attack or security incident. Standard tier venues (with capacities for 200-799 people) need public protection procedures, including lockdown, communication, and evacuation/invacuation plans. Enhanced tier venues (with 800+ capacities) need the same but are additionally required to implement other specific measures and monitor the premises

and immediate vicinity. C-TEC's battery-backed and fully-monitored lockdown solutions have been designed to help schools, theatres, shopping centres and other commercial and public venues comply with the legislation.

How does a lockdown system work?

A lockdown system (sometimes known as an invacuation system) is typically used to direct people to a designated secure area within a building to avoid threats from, say, active shooters or bomb alerts. To do this they sound distinctive alarms and/or voice messages throughout the building that are different from a venue's fire evacuation or burglar alarm tones to avoid confusion. The exact operation of a lockdown system and the actions that need to be taken when a threat is detected will be dependent on the venue's risk assessment and emergency plan. As requirements will differ from site to site, C-TEC's lockdown solutions are designed to be tailorable to a building's specific needs. Our LAP501/CA single-message lockdown alert panel is ideal for smaller, straightforward applications and is designed to broadcast a full lockdown alert voice message when a lockdown call point is activated to indicate there is an immediate threat within a building. For larger, more complex applications we also have a range of multi-message lockdown solutions available via our dedicated [LAP2/CA mult-message lockdown-alert panel](#) or any [ZFP CAST-protocol addressable fire panel](#). Custom or coded voice messages can also be arranged by special order - contact our lockdown system support team at lockdown@c-tec.co.uk for more details.

Technical Specifications

Protocol/compatibility	C-TEC CAST.
Mains supply	230V 50/60Hz.
Mains rated current	680mA maximum.
Internal power supply	27Vdc nominal.
Total output current limited to	3A @ 230Vac (Imax.A 250mA; Imin. 70mA).
Quiescent current	80mA (loop unloaded).
Max battery size and type	2 x 12V 7Ah VRLA connected in series.
No. of loop drivers	1.
Max. loop output current	450mA (40V max).
Max. loop length	1KM.
Max. addressable devices per loop	255.
No. of conventional sounder circuits	2 (Max. length per circuit is 500m).
EOL resistor value	6800Ω 5% Tol. 0/25W (blue, grey, red, gold).
Max. sounder output current	400mA.
Auxiliary relays	3 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). Connect to 0V to trigger, Max. input voltage 27V (non-latching).
PC connection	PC connection via RS232 molex connector (supplied in XFP507 upload/download software kit); No printer connection available.
Indicators	2 line x 40 character backlit display; 32 Zonal LEDs, General Fire; Energised; Pre-Alarm; Remote Output Activated; Remote Output Disabled; Accessed; Disablement; Test; Silenced; General Fault
Connections	Fixed, largest acceptable conductor size 1mm ² .
Expansion connections	2-wire RS485 non-redundant network/repeater connection available via optional AFP711 network card. Max. 8 mains per network (Limit 1KM.) or 8 repeaters per non-networked main.
Product dimensions (mm)	410 W x 250 H x 80 D mm (base); 439 W x 274 H x 7 D mm (lid). Hole required for semi-flush mounting = 412 W x 255 H x 50 D mm (requires XFP385 bezel).
Construction & finish	Metal.
IP Rating	IP30.
Weight	4.5kg (no batteries).
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.