Testing.

When first powered up, the unit will be in a latched alarm condition with the red LED on. The relay will be open circuit.
Reset the unit by inserting the key in the slot and turning 90° clockwise. The red LED will go out and the relay will close.
Pressing only one button **will not** produce an alarm condition.
Both buttons must be held down at the same time to generate an alarm condition. If the tamper switch is to be used, ensure the tamper triggers on separation of the front assembly from the back box.

Technical Specifications

Supply	Supply Voltage (nominal)	12v DC
	Quiescent Current (nominal at 12v d.c)	45 mA
LED Indicators	Active	No illumination
	Alarm	Red
Anti-Tamper	Rating	Normally closed switch 12v DC at 50mA max
Relay Contacts	Rating	Single pole changeover switch 12v DC at 1A max
Dimensions	Flush Mount	85mm x 85mm x 27mm
Reset Method	Key	Turn 90° clockwise

This product complies with BS4737 Section 3.14 1986 Type Z

EPA/STD

CQR
FIRE & SECURITY

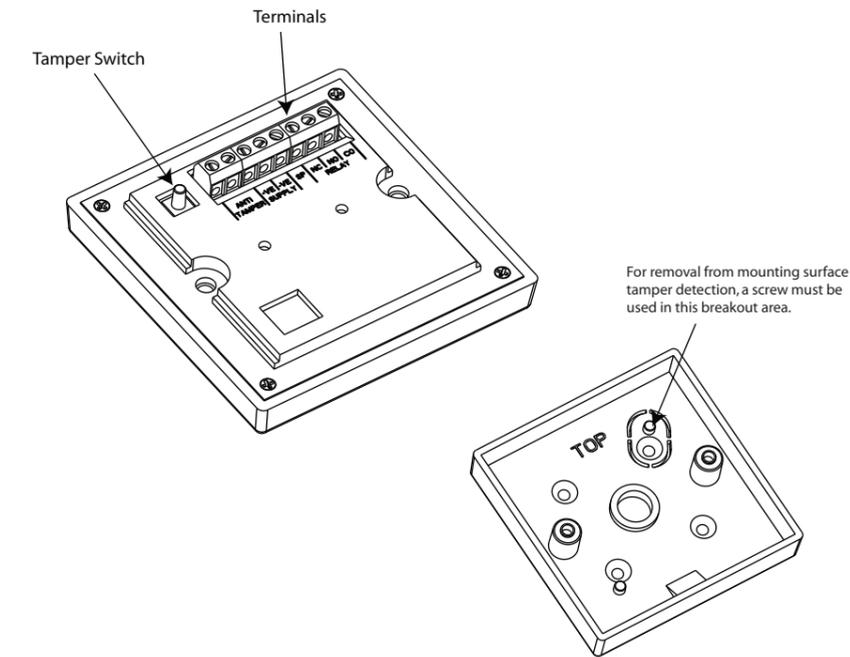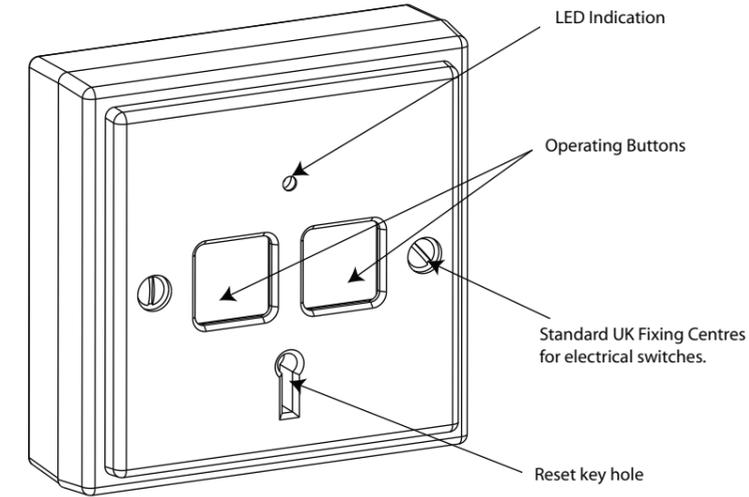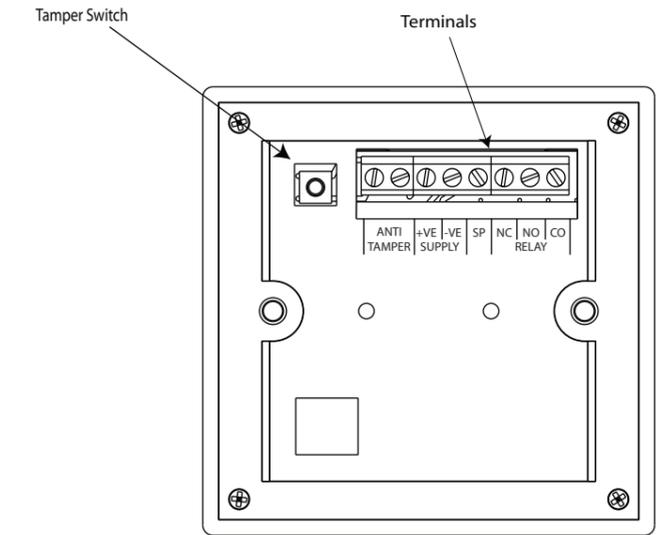# *Electronic Panic Attack/Hold-up Device*

Operating and Installation Instructions

Features include:
Flush mount or surface mount, double push action, key reset, with LED indication and tamper detection.

LED Indication

Operating Buttons

Standard UK Fixing Centres for electrical switches.

Reset key hole

Terminals

Tamper Switch

For removal from mounting surface tamper detection, a screw must be used in this breakout area.

TOP

Terminals

Tamper Switch

Terminals

ANTI TAMPER | +VE SUPPLY | -VE | SP | NC | NO | CO RELAY

Installation

For surface mount applications use the low profile back box supplied. If removal from mounting surface tamper detection is required, there must be a fixing screw in the apropriate screw hole, as indicated on the previous page. This product can also be fitted flush using a standard UK style 16mm deep pattress box. Thread the cable through the centre hole. Keeping excess wire to a minimum, connect the unit according to the diagram below. Take care not to trap any wires when fitting the unit. Use the spring provided to activate the tamper switch if required. This may be stretched to suit if necessary.

Six core cable would normally be used to connect the EPA to the control panel. Two wires for the supply, two for the anti-tamper loop and two wires for the relay. The relay contacts common(CO) and normally closed(NC) should be used in normal security installations. The circuit will go open on operation of the two buttons, providing an alarm situation. To reset the unit, use the key provided.
It is important that the alarm system has a functioning backup battery, as the circuit may, in some circumstances, cause a false PA alarm in the event of power failure, if no such battery is available to maintain the circuit integrity. This may result in the removal of police attendance.
The Normally Open relay contact can be used to switch sounders and/ or strobes