



## EVOTECH 2 OR 4 LOOP ADDRESSABLE CONTROL PANELS

The Evotech addressable fire alarm panel is available with 2 or 4 detection circuits each capable of hosting up to 240 Eurotech devices. Evotech uses the most advanced micro-processor technology to provide a control system of extremely high integrity.

Evotech can be configured to suit all types of system, from the most simple, to the highly complex. Its fully integrated and secure network provides an intelligent interface for building control.

A large area graphic display ensures that information is presented in plain language with extra help available by pressing the 'help' button.

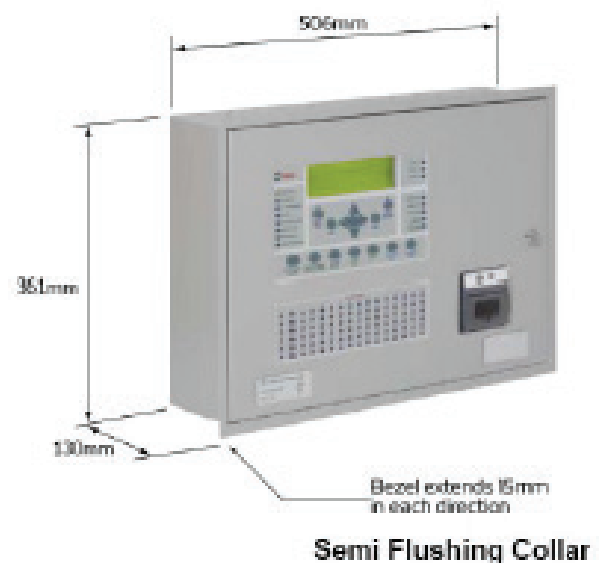
Evotech employs daily calibration routines to ensure that the system is always at optimum performance.

## KEY FEATURES

- 2 or 4 loop versions as standard
- Larger enclosures available
- Loopless panel option - repeater
- 0, 16, 48 or 96 zone indicators
- Option for Enable Control key switch
- Fully supports Eurotech protocol
- Network up to 64 panels / repeaters
- 4 programmable sounder circuits as standard
- 5.25 Amp Power Supply to EN54-4
- Simple Windows graphical configuration utility
- Real time clock
- Supports Eurotech loop powered sounders and beacons
- Sensitivity adjustment and drift compensation
- Stylish enclosure design
- Soft touch tactile buttons
- 2 programmable function buttons
- 3 programmable front panel mounted LEDs
- Improved front panel loading printer - optional
- Up to 512 programmable inputs / outputs per panel via 2 wire R2486 serial link - optional

## CONFIG FEATURES

- Comprehensive day / night mode facility
- Programmable one touch test mode
- Powerful and versatile cause & effect programming
- Cause & Effect wizard including: cause & effect action | disablement configuration | test mode configuration



**Semi Flushing Collar**

## TECHNICAL SPECIFICATION

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Finish	- Epoxy powder coated
Colour - lid & box	- BS 00 A 05 grey - fine texture
Colour - controls plate & labels	- RAL 7047 light grey - satin
Weight	- 10kg (standard panel)
Display	- 8 lines of 40 characters graphic LCD
Detection circuits (loops)	- 2 or 4 (400mA each)
Zone LED's	- 0, 16, 48 or 96 (up to 500 software zones)
4 sounder circuits	- Each fused at 1 Amp (total load 2 Amp)
Fire contact	- Volt free 1 Amp 30V DC
Alarm contact	- Volt free 1 Amp 30V DC
Fault contact	- Volt free 1 Amp 30V DC
Programmable relay 1	- Volt free 1 Amp 30V DC
Programmable relay 2	- Volt free 1 Amp 30V DC
Fire routing output	- Monitored-voltage reversing, fused at 500mA
Fault routing output	- Monitored-voltage reversing, fused at 500mA
Extinguishing output	- Monitored-voltage reversing, fused at 1A
Fault input	- Volt free contact input signals fault
Reset input	- Volt free contact input reset panel
Intermittent input	- Volt free contact input pulses sounder outputs
Continuous input	- Volt free contact input for continuous sounders
Silence input	- Volt free contact input silences sounders
Programmable input 1	- Volt free contact for any action required
Programmable input 2	- Volt free contact for any action required
Programmable input 3	- Volt free contact for any action required
Auxiliary 24V DC output	- Fused at 500mA
System fuse	- 5 Amp self-resetting polyfuse
Mains fuse	- 20mm 3 Amp
Operating temperature	- -5 to +50 deg. C
Operating humidity	- To 95% (non-condensing)
Mains voltage supply	- 110 or 230V AC 50 or 60 HZ. (State when ordering, default is 230V)
Battery (24hr standby)	- 12Ah 12V (2 per panel) (non-networked)
Day/night modes	- 2 with variable device sensitivity
Input delays	- Individual for each device selectable up to 2 minutes
Output delays	- Individual 2-stage to 10 minutes per stage
2 programmable function buttons	- Programmable to carry out any cause & effect, disablement or test action
3 programmable indicators	- Red/yellow/green to indicate any action
Network (option)	- Up to 64 panels on 2 wires (network card required)
Printer (option)	- New front loading feature
Download lead	- 600-SOFT (standard or 600-SOFTEC (economy)

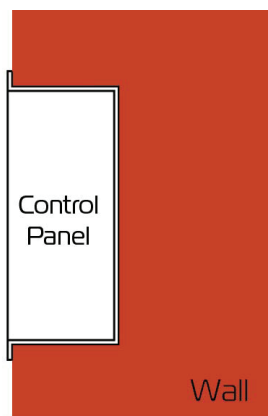
## KEY FEATURES

- EVOTECH 2 LOOP ADDRESSABLE CONTROL PANELS

600-216S	Evotech Addressable Control Panel - 16 Zone LEDs: Surface
600-216ED	Evotech Addressable Control Panel - 16 Zone LEDs: c/w Enable Key, Surface
600-216PS	Evotech Addressable Control Panel - 16 Zone LEDs: c/w Printer, Surface
600-216PES	Evotech Addressable Control Panel - 16 Zone LEDs: c/w Printer & Enable Key, Surface

- EVOTECH 4 LOOP ADDRESSABLE CONTROL PANELS

600-416S	Evotech Addressable Control Panel - 16 Zone LEDs: Surface
600-416ED	Evotech Addressable Control Panel - 16 Zone LEDs: c/w Enable Key, Surface
600-416PS	Evotech Addressable Control Panel - 16 Zone LEDs: c/w Printer, Surface
600-416PES	Evotech Addressable Control Panel - 16 Zone LEDs: c/w Printer & Enable Key, Surface
600-448S	Evotech 4 Loop Analogue Addressable Control Panel - 48 Zone LEDs: Surface
600-448ES	Evotech 4 Loop Analogue Addressable Control Panel - 48 Zone LEDs: c/w Enable Key, Surface
600-448PS	Evotech 4 Loop Analogue Addressable Control Panel - 48 Zone LEDs: c/w Printer, Surface
600-448PES	Evotech 4 Loop Analogue Addressable Control Panel - 48 Zone LEDs: c/w Printer & Enable Key, Surface
K552V	Loop extension card (loops 3 & 4)
K555	Fault tolerant network interface card
K768SYN	Thermal printer kit (for retrofitting to non-printer models)
K560	16 channel inout/output board
K547	8 way relay extender board
K546	6 way sounder extender board
K545	4 way conventional detection zone board
K556P	Modem module (PSTN)
B3472	Thermal printer paper roll



### Flush Mount Cross Section

Note: There is one size for all standard flush Evotech control panels. For the hole size, we recommend that you allow 5 mm clearance all round.