

## 2042 MONARCH TWO LOOP ADDRESSABLE FIRE PANEL

### APPLICATIONS

The 2042 is an intelligent addressable fire alarm control panel and is ideal for use in small to medium sized buildings, requiring 2 data loops and up to 40 zones. It is suitable when a single stand-alone panel is required on site. It has been designed and constructed around proven and reliable technology and is compatible with specific addressable and analogue devices as detailed, together with other ancillary equipment from our extensive range.



### FEATURES

- Simple, robust all metal cabinet
- 2 independent sounder circuits
- Day/Night mode switching
- Onboard monitored inputs
- Programmable user function keys
- Event logging
- Onboard diagnostics
- User access restriction
- Easy to install
- Simple to use
- Reliable
- 80 character message display
- Complies with latest British Standards

BS5839:2002

### OPERATION

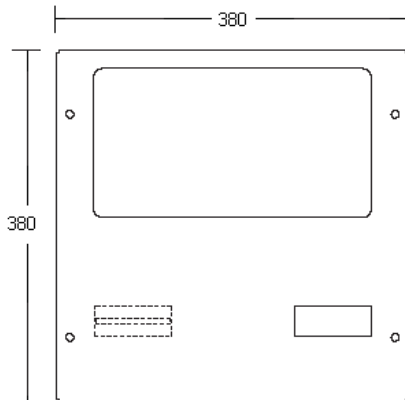
With the 2042 Monarch Two Loop 40 Zone Addressable Fire Panel, in the event of a fire alarm, the zone of origin will be displayed by master fire and zonal LED's and supported by enhanced text descriptions on the LCD display, enabling the location of the activated field to be clearly identified. The panel supports conventional and/or loop driven warning devices. Individually programmable sounder outputs and relay contacts operate as required in response to a fire alarm.

User-friendly controls are reliable to sound alarms, silence alarms, silence internal buzzer and reset the system. These controls are protected against unauthorised operation by the use of a four-digit user code.

The 2042 is a compact high performance addressable fire alarm control panel based on the concept of simplicity, allowing for minimal time to be spent on installation and programming. The 2042 is rich in features, some of which include; sensitivity adjustment between day and night, extensive event logging and coincidence and verification detection (false alarm management).

A recessing bezel (Ref 2042/RB) can be supplied as an optional extra for increased integrity if required. Alternative 1 loop (Ref 2041) and 4 loop (Ref 2044) Monarch Addressable Panels are available.

**APPROVALS** : Designed to meet the requirements of BS5839 Pt 4 2002. EN54 Pt 2 & 4 1998.



**CABLE ENTRIES**

Top 19 x 20mm Knockouts

Bottom 3 x 20m m Knockouts

**SPECIFICATION**

(Please ask for typical wiring diagram)

<b>Order Code</b>	2042
<b>Supply Voltage</b>	230/AC 50 HZ
<b>Operating Voltage</b>	230v AC 50Hz(+10%, -15%)
<b>Power Supply</b>	24V and 7 Vac, 24Vdc nominal output
<b>Internal Battery</b>	2 x 7ah
<b>N<sup>o</sup> of Zones &amp; Devices</b>	40 Zones, 126 devices per loop
<b>Loop Capacity</b>	2 Loops 500mA per loop
<b>Quiescent Load</b>	(Subject to devices used)
<b>Sounder Load for Conventional Circuits</b>	2 x Programmable Monitored Outputs 1 amp each maximum
<b>Auxiliary Relay</b>	Programmable single pole changeover 30Vdc 1A
<b>Material Finish</b>	1.2mm Zintec powder epoxy coated
<b>Weight</b>	7.0kg
<b>Dimensions</b>	380 H x 380 W x 130 D
<b>Display</b>	2 Line by 40 Character Back lit LCD 40 Fire and Fault LED indicators
<b>Printer Option</b>	2035 External Printer