



## Addressable Panels

### Elite RS Analog Addressable Fire Control Panels 1 or 2 Loops (Apollo Protocol)

K0850-xx (1 Loop)

K0860-xx (2 Loops)

where xx = 10 for Red & 40 for Grey



#### Features

- 1 full SLC circuit expandable to 2
- 3 programmable relays
- 5.25A power supply
- Large graphic display
- Real time clock
- Compatible with eMatrix graphics annunciator
- Powerful, network wide cause and effects (500 total). Fully user programmable by point or zone. Can be networked with additional RS and/or Elite control panels
- Compatible with eView Annunciator
- Programmable through a PC connection to the panel
- Same look and feel as Elite range
- Stores 1,000 last events in history log
- Model ranges include with or without a Dual-Line internal DACT
- Compact, stylish enclosure
- Available in Red or Grey
- 2 programmable NAC circuits with internal synchronisation support.

#### Product Overview

- Elite RS is a versatile range of open protocol fire alarm control panels compatible with existing Elite fire alarm panel technology.
- Available with 1 or 2 detection loops for a total of 250 primary SLC points or up to 400 points using addresses and sub-addresses. Elite RS uses leading edge microprocessor based electronics to provide a flexible control system with high reliability and integrity.
- Suitable for all small to medium sized detection systems. Elite RS control panels can be expanded and networked to become part of much larger systems if the need arises. Therefore providing a future proof solution for any installation.
- With its large graphical display and ergonomic button and indicator layout, the elite RS control panel is simple and straightforward to understand for installers, commissioning engineers and end users alike.

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#### Added Features:

#### Elite RS with Internal Modem/ DACT (K0856-xx/K0866-xx)

- Dual line digital communicator and modem
- Central Station reporting; SIA and Contact ID
- On-board loop start terminal connections for both primary and secondary Telco lines

#### Also available:

eNET Networking Card - K1170-00  
1 loop expansion board - K1054-00  
Trim ring - K1071-xx



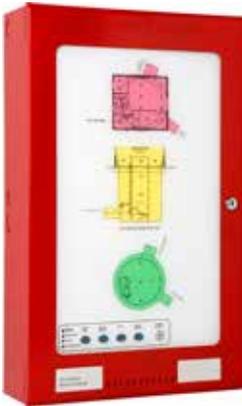
### Technical Specifications

Construction:	-	16AWG sheet steel
Dimensions:	-	14.5"W x 18.9"H x 4.25" D
Weight (without batteries):	-	20lb
Finish (lid & box):	-	RAL3002 (Red) or BS 00 A 05 (Gray)
Finish (product labels):	-	BS 00 A 05 (Gray)
Mains voltage supply:	-	115 or 230V AC 50 or 60 Hz.(specify when ordering, default is 115V)
Mains supply fuse:	-	1.6A 250V
Power supply DC rating:	-	24V 5.25 Amps
Aux 24V supply:	-	Fused at 500 milliamps
Battery (24 hour standby):	-	9Ah 12V (2 per panel) (non-networked)
Fault contact rating:	-	30V DC 1 Amp
Fire contact rating:	-	30V DC 1 Amp
Alarm contact rating:	-	30V DC 1 Amp
NAC output rating:	-	3.1V across both channels, 2.3V across any one
Detection loop:	-	250 milliamp output
Serial expansion port:	-	Serial RS485
PC port:	-	Serial RS232
Network connection:	-	Optional network Cards allow the use of e-Net networking or VESnet networking
NAC Synchronization:	-	Internal Support
NAC Protocols:	-	System Sensor, Wheelock, Gentex, Amseco



## Addressable Panels

### Elite Analog Addressable Repeaters



#### eMatrix

The eMatrix system uses flexible, optic light guides to illuminate areas on a floor plan, laid over a high resolution grid. This unique system dispenses completely with wiring and enables indicators to be moved, removed or added on site without the need for any wiring.

All indicators can be configured to operate upon any event type and at point, zone or group level via the powerful and intuitive Loop Explorer configuration or ESP Discovery. eMatrix can be supplied with or without LEDs and controls. Optional LEDs indicate Power On, Fire, Trouble and Disablement; and optional controls are for Alarm Silence, Buzzer Silence, Lamp Test and Reset.

Housed in attractive slim-line enclosures to match Elite fire alarm panels and with high quality, full colour or monochrome floor plans; eMatrix provides a clear, geographical indication of fire alarm activation enabling speedy identification of the source of an alarm.



#### eView

Designed and manufactured to the highest standards in a quality controlled environment the eView fire alarm annunciator provides a simple and convenient method of extending the controls and indications of the Elite fire alarm control panel to other locations.

The large graphic liquid crystal display and high brightness LED indicators duplicate the indications on the Elite fire alarm control panel at up to 15 additional locations via a simple 2-wire serial data connection.

The eView is powered by 24V DC (which can be via an additional 2 conductors from the control panel or local 24VDC listed supply).

eView is housed in a small enclosure which is styled similarly to the Elite control panel and is ideal for installations where a large control panel would be detrimental to décor, such as entrance halls.

Up to 15 eView annunciators can be connected to each control panel on the Elite network making eView ideal where multiple points of indication and/or control are required such as nurse stations or shop units.

### UL Approved 10.25 Amp Power Supply



The K1840 & 1841 is a UL Listed, universal input switching power supply capable of delivering a full 192W of continuous power for fire alarm systems. Suitable for charging a range of sealed lead acid batteries from 7Ah to 40Ah, the K1840 & 1841 power supply features complete monitoring of primary and secondary power sources with fully temperature compensated battery charging and battery high impedance monitoring.

- Continuous 8A load output while charging fully depleted batteries
- Charges up to 40Ah batteries
- Listed to UL 1481 & 864
- 120V to 240V AC input
- AC fail monitoring with LED indication and output
- Battery disconnecting monitoring with LED indication and output
- Low battery monitoring with LED indication and output
- Dynamic Earth fault monitoring with LED indication and output
- Deep-discharge prevention
- Temperature compensated battery charging
- Battery boost circuitry
- EN approved power supplies also available