Advanced

Mx*Pro*⁴

1-4 Loop Fire Alarm Control Panel

The MxPro 4 series is fully expandable from 1 to 4 loops complete with 4 onboard sounder circuits. The control panel consists of a simple to use LCD menu driven graphical interface, dual, flash-based microprocessor technology driven by a 5 Amp power supply and charger approved to EN54 parts 2 & 4.

Dedicated system navigation keys make learning this control panel user-friendly as well as installer friendly due to the uncomplicated, trouble free, commissioning and fault finding.

Powerful Cause and Effect programming coupled with dynamic zoning make the panel suitable for a wide range of site applications, from small to large complex multi area systems. Fully on site programmable via on board alphanumeric keypad or PC -NeT configuration tools.

An extensive suite of PC based, software programs have been developed to supplement the MxPro 4 series Fire panels.

Features

- Fully expandable from 1 to 4 loops via common plug in loop driver boards.
- Advanced graphical LCD user interfaces with up to 1000 fire zones as standard, allowing full EN54 compliance without additional hardware or LED indication.
- 5 Amp power supply and charger to EN54 part 4.
- Dedicated RS232 serial port for direct PC or modem connection.
- Graphical display configurable for virtually any language
- When connected to the fault tolerant Ad-NeT network, the panel operates as a true peer-to-peer interface (with up to 1000 shared zones) with full cross panel reporting, control functionality.
- Installer friendly Auto-learn and Loop Detection facility for troublefree, commissioning. Fully on-site programmable via on-board alphanumeric keypad or PC configuration tools.

Specification

Base Technology	Dual Flash based Processors with Real Time Clock, 'Trace' diagnostics, 'Pulse' communications & programmable languages
Display	Backlit 240 x 64 Graphical LCD
LED Indicators	3 red (2 x Fire, 1 x Alarm), 1 green (Power) & 12 amber (Fault & System)
Controls	Alpha numeric keypad, navigation keys & system keys for reset, Mute, Silence/Resound & Evacuate
Protocols	Apollo (S90,XP95, Xplorer and Discovery), Hochiki ESP, Nittan Evo & Argus Vega

Number of Fire Zones	1000 (200 per individual panel)
Number of loops	1-4. Expandable via individual plug-in loop driver
Devices per loop	As per detector manufacturer's specifications
Loop Current	500mA
On Board Sounder circuits	4 x 1 Amp programmable
On Board Relays	2 x 1 Amp 30v AC/DC Programmable
Auxiliary Supply	1 x 24v 500mA
Open Collector / Logic Outputs	8 x programmable (via optional 8-way relay card)
Programmable Switch Inputs	8 volt free digital inputs
On Board Power Supply	4 Amp high efficiency switched mode
Mains Supply	230 V Ac (+10%, -15% tolerance) 50 /60 Hz 1.9 Amp
Battery Capacity	24v 18 Ah internal. 24v 48 Ah external
Charger Current	2.0 Amp DDP monitored, temperature compensated integral charger
Serial ports	1 RS232 onboard for PC, modem or external printer
Programming	Via on-board keypad or PC running Windows Tools
Event Log	1000 Fire & Event + Diagnostic
Networking	Optional plug in network card
Printer (Optional)	Optional on-board or external serial printer
Enclosure / Colour	Steel IP30 / Light grey RAL7035
Cable Entry	20mm Knock-outs. 18 x top, 9 x top rear and 2 x bottom
Size H x W x D mm / Weight	Actual (without door) 475 x 450 x 115 / 10Kg (depth with door is 125), D deeper enclosure 475 x 450 x 188 / 10.5Kg
Metalwork Options	Flushing bezel, ancillary enclosure & battery box
Approvals	BS EN54-2 & 4:1998

Order Codes and Options

Mx-4400*:	0 to 4 Loop Analogue Addressable - No loop cards
Mx-4401*:	Mx-4400 c/w 1 Loop Card Fitted & Tested
Mx-4402*:	Mx-4400 c/w 2 Loop Cards Fitted & Tested
Mx-4403*:	Mx-4400 c/w 3 Loop Cards Fitted & Tested
Mx-4404*:	Mx-4400 c/w 4 Loop Cards Fitted & Tested
Mx-4400*/D:	0 - 4 loop analogue addressable with Deeper Enclosure for 2 x 38AHr Batteries - No loop cards
Mx-4401*/D:	Mx-4400 with Deeper Enclosure for 2 x 38AHr Batteries - 1 loop card fitted and tested

For more information on these products, please contact us:

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