MxPro 4

1-2 Loop Fire Alarm Control Panel



Features

Fully expandable from 1 to 2 loops via common plug in loop driver boards.
Full support of Apollo (Discovery, Xplorer S90 & XP95), Hochiki ESP, Nittan Evolution and AV protocol.
Advanced graphical LCD user interface with up to 1000 fire zones as standard, allowing full EN54 compliance without additional hardware or LED indication.
4 Amp power supply and charger to EN54 part 4.
Dedicated RS232 serial port for direct PC or modem connection.
Dual, flash based, microprocessor technology with on-board Real Time Clock. Optional on-board or remote printer.
Installer friendly Auto-learn and Loop Detection facility for troublefree, commissioning. Fully on-site programmable via on-board alphanumeric keypad or PC configuration tools.
Flash memory and the advanced graphical display enables the panels to be configured to operate in virtually any language with any character set and allows the installer's logo and company details to be applied to the LCD display.
Robust, removable equipment chassis with plug-in connectors for simple fixing and cable termination.
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

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The MxPro 4 series is fully expandable from 1 to 2 loops complete with 2 on-board sounder circuits. The control panel

consists of a simple to use LCD menu driven graphical interface, dual, flash based microprocessor technology driven by a 4 Amp power supply and charger approved to EN54 parts 2 & 4.

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

Powerful cause and effect programming coupled with dynamic zoning makes 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.

cross panel reporting, control functionality.

Key Features

Fully Expandable	Fully Networkable	Apollo & Hochik protocol	Argus & Nittan protocol
En54 Parts 2 & 4 Approved	Multiple Languages	Global Compliance	3 Year warranty

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 Evolution & Argus Vega
Number of Fire Zones	1000 (200 per individual panel)
Number of loops	1-2. Expandable via individual plug-in loop driver
Devices per loop	As per detector manufacturer's specifications
Loop Current	500mA
On Board Sounder circuits	2 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 / beige (textured)
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 475 x 450 x 115 / 10Kg, 475 x 450 x 188 / 10.5Kg (/D deeper enclosure). Back box only (when recessing) 475 x 450 x 100. Deeper back box only (when recessing) 475 x 450 x 173
Metalwork Options	flushing bezel, ancillary enclosure & battery box

Order Codes and Options

Mx-4200*:	0 to 2 Loop Analogue Addressable - No loop cards)	Mx-4202*:	Mx-4200 c/w 2 Loop Cards Fitted & Tested
Mx-4200/D*:	Mx-4200 with Deep enclosure for 2 x 38 Ahr Batteries	Mx-4202/D*:	Mx-4200 with Deep Back Box c/w 2 Loop Cards Fitted & Tested
Mx-4200/R*:	1-2 Loop fire panel with 19 inch rack mounting bezel - No loop cards	Mx-4200/LE*:	1-2 Loop fire panel in large deep enclosure (950mm high) - No loop cards
Mx-4201*:	Mx-4200 c/w 1 Loop Cards Fitted & Tested	*Add /N:	for Nittan Evolution Protocol
Mx-4201/D*:	Mx-4200 with Deep Back Box c/w 1 Loop Card Fitted & Tested	*Add /V:	for Argus Vega Protocol