



## MxPro<sup>4</sup>

### 1-2 Loop Fire Alarm Control Panel

The MxPro 4 series is fully expandable from 1 to 2 loops complete with 2 onboard sounder circuits. The control panel consists of a simple to use LCD menu driven graphical interface, dual, flash based micro processor 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 onboard 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 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 interfaces 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 onboard Real Time Clock. Optional onboard 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 cross panel reporting, control functionality.

## 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 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 / 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  |

## Order Codes and Options

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

For more information on these products, please contact us:



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