



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.

## Key Features

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

## 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 / 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                                                  |