

MxPro⁴

2-8 Loop Fire Alarm Control Panel

The MxPro 4 series is fully expandable from 2 to 8 loops complete with 8 on-board sounder circuits. The control panel consists of a simple to use LCD menu driven graphical interface, dual, flashbased microprocessor technology driven by a 5 Amp power supply and charger approved to EN54 parts 2 & 4.

Dedicated system navigation keys makes 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 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.



Features

Robust, removable equipment chassis with plug-in connectors for simple fixing and cable termination. Advanced graphical LCD user interface with up to 1000 fire zones as standard, allowing full EN54 compliance without additional hardware or LED indication. 2 x 5 Amp power supply and charger to EN54 part 4. Dedicated RS232 serial port for direct PC or modem connection.

Installer friendly Auto-learn and Loop Detection facility for trouble-free, commissioning. Fully on-site programmable via on-board alphanumeric keypad or PC configuration tools. 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. Ad-NeT network with up to 1000 zones.

Key Features

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|---------------------------|---------------------------|-------------------------|---------------------|
| Fully Expandable | Fully Networkable | Multiple Languages | Dual microprocessor |
| EN54 Parts 2 & 4 Approved | Apollo & Hochiki protocol | Argus & Nittan protocol | Real Time Clock |
| Flash memory | Global Compliance | 3 Year warranty | |

Specification

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|--------------------------------|--|
| 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 |
| Number of loops | 2-8. Expandable via individual plug-in loop driver |
| Devices per loop | As per detector manufacturer's specifications |
| Loop Current | 500mA |
| On Board Sounder circuits | 8 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 |
| Programmable Switch Inputs | 8 volt free digital inputs |
| On Board Power Supply | 5 Amp high efficiency switched mode |
| Mains supply | 230 V Ac (+10%, -15% tolerance) 50 /60 Hz 1.7 Amp |
| Battery Capacity | 24V 18Ah Internal, 24V 48Ah external |
| Charger Current | 2.2 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 | 200mm Knock outs. 18 x top / 9 x top rear and 2 x bottom |
| Size H x W x D mm | 950 x 450 x 188 / 23Kg. Back box only (when recessing) 950 x 450 x 173 |
| Metalwork Options | Flushing bezel, ancillary enclosure & battery box |
| Approvals | BS EN54-2 & 4:1998 |

Order Codes and Options

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|-----------|--|------------|--|
| Mx-4802*: | Mx-4800 c/w 2 Loop Cards Fitted & Tested | Mx-4807*: | Mx-4800 c/w 7 Loop Cards Fitted & Tested |
| Mx-4803*: | Mx-4800 c/w 3 Loop Cards Fitted & Tested | Mx-4808*: | Mx-4800 c/w 8 Loop Cards Fitted & Tested |
| Mx-4804*: | Mx-4800 c/w 4 Loop Cards Fitted & Tested | * Add /N: | for Nittan Evolution Protocol |
| Mx-4805*: | Mx-4800 c/w 5 Loop Cards Fitted & Tested | * Add /V: | for Argus Vega Protocol |
| Mx-4806*: | Mx-4800 c/w 6 Loop Cards Fitted & Tested | * Add /FT: | for Fault Tolerant network variant |