## MẋPro ${ }^{5}$

## 1-2 Loop Fire Alarm Control Panel

The MxPro 5 series control panels are fully expandable from 1 2 loops and supplied with 2 onboard sounder circuits, 20 programmable zonal LEDs with slide-in labels, and 25 system LEDs for information purposes. There are also 4 programmable function buttons with LED indication for confirmation of operation.

The control panel consists of the latest dual flash-based microprocessor technology combined with a high resolution, high contrast, graphical LCD display and tactile keypad providing a simple select and click programming aid for engineer configuration and end user operation.

Powerful cause-and-effect programming and enhanced trace diagnostics make the panel suitable for a wide range of site applications from small to large complex multi-area systems. Fully programmable onsite via the onboard alphanumeric keypad, or PC-NeT configuration software.

PC Software: An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when using MxPro 5 Series of Fire panels. The suite incorporates a number of different programmes to include a configuration, service, logo and virtual panel tool to allow the flexibility of the equipment to be fully explored.

Network: Simply adding a network card allows the panel to communicate with any other MxPro 5/MxPro 4 fire panel, remote terminal, or network peripheral, such as, 'ipGateway ${ }^{\text {TM }}$ ' or BMS/Graphical Interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.

## Approvals



## Features

- Apollo, Argus Vega, Hochiki \& Nittan Evolution protocol support.
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware.
- Dual flash-based microprocessor technology with real-time clock onboard.
- Dedicated USB \& RS232 serial port for direct PC or modem connection.
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facilities for ease of commissioning and fault finding.
- Graphical display configurable for virtually any language
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- Fully programmable via the onboard alphanumeric keypad, or PC configuration tools.
- Integral 'P-Bus' for system expansion via available option cards
- Ad-NeT peer-to-peer network with up to 2000 zones
- Approved to BS EN54 part 2, 4 and 13
- EN 54-2:1997 +A1:2006
- EN 54-4:1997 +A1:2002 +A2:2006
- EN 54-13:2005

Certified to EN54 Parts 2 \& 4 by FM Approvals

## Specification

$\left.\left.\begin{array}{ll}\text { Base Technology } & \begin{array}{l}\text { Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and } \\ \text { character sets }\end{array} \\ \hline \text { Display } & \text { White backlit } 240 \times 64 \text { graphical LCD } \\ 22 \text { red (1 x Fire, } 1 \times \text { More Alarms, } 20 \times \text { Zonal Programmable), } 1 \text { green (Power), } 13 \text { amber and } 12 \\ \text { bi-colour (Fault \& System) }\end{array}\right] \begin{array}{ll}\text { Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and } 4 \times \\ \text { programmable push buttons }\end{array}\right]$

Dimensions and Capacity

|  | Dimensions | Cable Entry | Battery Capacity (internal) |  |
| :--- | :--- | :--- | :--- | :--- |
|  | $\mathrm{H} \times \mathrm{W} \times \mathrm{D} \mathrm{mm}$ | $(20 \mathrm{~mm}$ knockouts) | Min | Max |
| Standard | $345 \times 430 \times 120$ | $13 \times$ top, $8 \times$ rear | 24 v 4 Ah | $24 \mathrm{v}, 12 \mathrm{Ah}$ |
| Large | $475 \times 450 \times 120$ | $19 \times$ top, $11 \times$ rear, $2 \times$ bottom | 24 v 4 Ah | $24 \mathrm{v}, 18 \mathrm{Ah}$ |
| Large-Deep | $475 \times 450 \times 190$ | $30 \times$ top, $11 \times$ rear, $3 \times$ bottom | 24 v 4 Ah | $24 \mathrm{v}, 45 \mathrm{Ah}$ |

Order Codes and Options

| Enclosure/Protocol | Xp95/ Discovery /Hochiki ESP | Argus Vega | Nittan Evolution |
| :--- | :--- | :--- | :--- |
| Standard | MX-520\# | MX-520\#V | MX-520\#N |
| Large | MX-520\#L | MX-520\#VL | MX-520\#NL |
| Large-Deep | MX-520\#D | MX-520\#VD | MX-520\#ND |
| 19" Rack Mount | MX-520\#R | MX-520\#VR | MX-520\#NR |

Replace \# with the number of loops required

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.

