MxPro 4

Single Loop Fire Alarm Control Panel - obsolete

TheMxPro 4 comes fitted complete with an internal loop driver card (Apollo/Hochiki only) and 2 onboard sounder circuits. The control panel consists of a simple to use LCD menu driven graphical interface, dual, flash-based microprocessor technology driven by an onboard 24V DC, 2 Amp high efficiency switched mode power supply and charger approved to EN54 parts 2 & 4.

Dedicated system navigation keys make 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 theMxPro 4 series fire panels.

Features

- Full support of Apollo (Discovery & XP95) and Hochiki ESP protocols.
- Advanced graphical LCD user interface with up to 250 fire zones as standard, allowing full EN54 compliance without additional hardware or LED indication.
- Dedicated RS232 serial port for direct PC or modem connection.
- Installer friendly auto-learn and loop detection facility for uncomplicated, trouble-free, commissioning and fault finding.
- Fully on-site programmable via onboard 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 full cross-panel reporting, control and cause-and-effect functionality

Specification

Base technology	Dual-flash based processors with real time clock, trace diagnostics, pulse communications & programmable languages
Display	Backlit 240x64 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	250 (100 per individual panel)

Number of loops	1
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	2 x programmable
Programmable switch inputs	8 volt free digital inputs
Total available output current	2 Amps maximum available for loop current + sounder outputs + auxiliary supply
Mains supply	230 V 50 Hz AC (+10%, -15% tolerance) 0.4 Amp
Battery capacity	24v 7 Ah internal. 24v 12 Ah external
Charger current	0.4 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 external serial printer
Enclosure / colour	Steel IP30 / Light grey RAL7035
Cable entry	20mm knock-outs. 7 x top, 7 x top rear
Size H x W x D mm / weight	Mx-4100: 320 x 345 x 85 / 6 Kg
Metalwork options	Flushing bezel, battery box
Approvals	BS EN54-2:1998, BS EN 54-4:1998

Order Codes and Options

Mx-4100:	Single loop analogue addressable
Mxp-024(F):	20 zone LED card for Mx-4100
Mxp-003(F)*:	Standard network card
Mxp-009(F)*:	Fault Tolerant network card
Mxm-001:	Semi-flushing bezel for Mx-4100
(F)*:	Add - Fitted

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