



Mx^{*}Pro

The Leading Multiprotocol
Intelligent Fire Panel



14 years. 60 countries. Still Advanced.



We're the same people, with the same commitment to excellence and customer satisfaction and now we have a brand that reflects our global reach and success.

To everyone that has helped us reach this milestone: We thank you and we promise that delivering you the best product and the best service remains our only goal for the next 14 years.

The Standard in Fire Systems

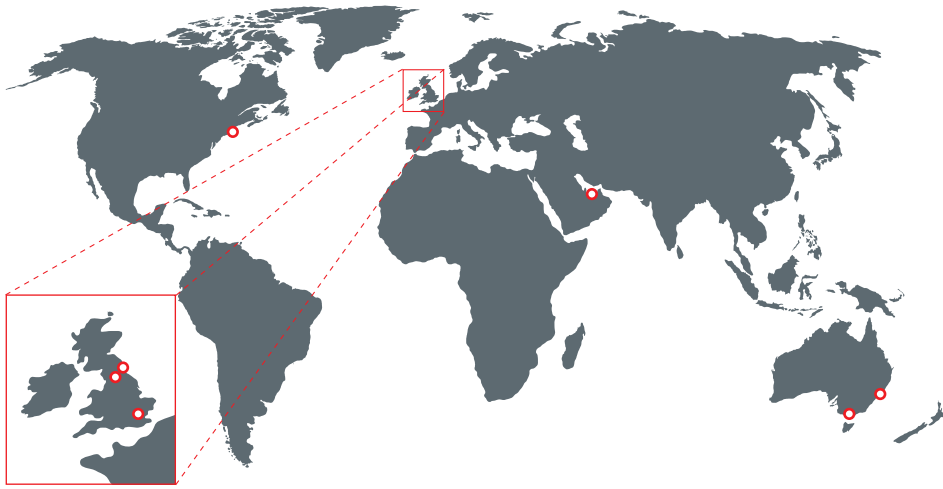


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The Standard in Fire Systems



Advanced is known all over the world for making the best quality, best performing fire systems.

We design 'easy' into our products. We make it easy to set up a one panel system or a complicated 200 panel network. We make our software intuitive. We deliver fast, accessible support, training and service. Above all, we make it easy to rely on an Advanced system.

Fire Systems are in our DNA. The people that started Advanced are the people that spearheaded the intelligent fire systems industry. They still work at Advanced and we train talented engineers and technologists every year. 25% of our business is dedicated to R&D. Our knowledge is unmatched, anywhere in the world and we're determined to keep it there.

Our systems are protecting people and property in over 60 countries worldwide, in many of the most prestigious and challenging locations. We realise our growth comes from the strongest customer relationships. We stay friendly, flexible and reactive to your requirements and our customer service is consistently rated excellent.

We manufacture all of our panels in the UK to demanding quality standards and hold global approvals. We enjoy full ISO 9001 compliance across manufacturing and design.



- Manufacturing and Quality
- Admin
- Customer Service and Support
- R&D





Welcome
to the
world of
Advanced

The Next Generation Multiprotocol Solution from Advanced

1. Choose your panel.
2. Choose your detector.
3. Choose your Installer.

**Real freedom,
Advanced quality.**



The panel-only market is driven by freedom. Specifiers want to choose the best performing panel and match it with the most appropriate detector range.

End users want freedom from expensive maintenance contracts and installers want to work with the easy to use systems, free of restrictive manufacturer agreements.

MxPro is our solution, built on 14 years leading the UK analogue addressable fire panel market.

MxPro includes two panel ranges, the advanced MxPro 5 and the benchmark MxPro 4. Both come in 1-8 loop formats and are compatible with Apollo, Argus, Hochiki and Nittan protocols. MxPro is simply the best multiprotocol solution available.

We do not lock customers into an installer network. We design our panels to be easy to install, configure and operate, from single panel installations to 200 panel networks. We offer our installers full, free training and the most comprehensive customer support available.

We were the first panel manufacturer to offer a three year guarantee as standard but your MxPro system will last a lifetime. It's a reliable, scalable solution that can grow as your specification changes and we offer lifetime support.



Our Most Advanced Panel

MxPro 5 is our highest performance, analogue addressable fire panel and is fully compliant with EN54 parts 2, 4 and 13.



It is the result of decades of fire alarm and detection experience and research and development involving installers, specifiers, consultants and end users across the world.

MxPro 5 has been designed to offer more power and performance in a user-friendly enclosure. It packs more configuration, display, status and control options into its interface as standard than any other Advanced fire panel, which means less time and expense customising a system with peripherals.

MxPro 5 contains twice the number of components per square cm as MxPro 4. Its processing power means it delivers more features than other panels, an advantage it will maintain for years to come.

Every MxPro 5 features Advanced's unbeatable networking capabilities and Dynamix Tools fire panel software making it is easy to use and configure, from the smallest to the largest of sites and with complicated cause-and effect.



- Advanced diagnostics includes 'scope on board'

Features

- 1, 2, 4 or 8 loop formats
- Up to 254 devices per loop (protocol dependent)
- Up to 2,000 fire detection zones
- Up to 200,000 devices per network
- True peer-to-peer networking
- Networkable up to 200 nodes
- Supports intelligent/programmable remote terminals, BMS interface, IP Gateway and I/O Drivers
- Built in voltage and current meters
- Circuit monitoring from any panel or repeater
- On board or optional remote battery temperature sensor
- Direct USB and RS232 PC connections
- Advanced's simple select and click programming and configuration
- Autolearn and Loop Detection
- Quick start and protect - a working system after an Autolearn is performed
- Peripheral expansion built in
- 20 built-in, fully programmable LEDs
- 4 programmable push buttons
- 5,000 event log entries
- Complete device history from each panel
- 201 programmable false alarm management areas per panel
- Programmable screen logo
- Timed enablement of isolated zones, input and output devices
- Advanced logic delivering huge configuration opportunities
- Backward compatible with MxPro 4 network
- Compatible with Apollo Discovery and XP95, Argus Vega, Hochiki ESP and Nittan Evolution protocols
- Approved to EN54 Parts 2, 4 and 13

Why do I need Part 13?

Part 13 compliance ensures that a fire system will continue to perform to its maximum capability during a fire situation. Increased current in alarm conditions combined with a high resistance connection

(e.g. an incorrectly tightened screw in a sounder base), could prevent the sounders and beacons from operating on what would have incorrectly appeared to have been an acceptable 'fault free' installation.

Advanced's MxPro 5 is one of the few EN54 Part 13 approved panels available. MxPro 5 continuously monitors all transmission lines for compliance, checking and reporting faults every minute of every day.

MxPro 5 - 1 Loop



- Single loop
- Small enclosure
- Maximum 7Ah internal batteries
- 20 programmable LEDs
- Optional programmable key switch
- Programmable Input
- Medium, Large and Deep enclosure options

MxPro 5 - 2 Loop



- One or two loops
- Medium enclosure
- Maximum 12Ah internal batteries
- Up to 50 additional programmable LEDs
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door option
- Large and Deep enclosure options

MxPro 5 - 4 Loop



- One to four loops
- Large enclosure
- Maximum 17Ah internal batteries
- Up to 200 additional programmable LEDs
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door option
- Deep and Extended enclosure options

MxPro 5 - 8 Loop



- Two to eight loops
- Extended enclosure
- Maximum 45Ah internal batteries
- Up to 200 additional programmable LEDs, 2 x switch cards or mimic
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door and external battery box option

MxPro 5 - Integrated Peripheral Bus

- Integrated P-Bus as standard on all MxPro 5 panels
- Up to 32 expansion cards can be added to an MxPro 5 panel
- Peripheral expansion option cards include
 - 4 way relay card
 - 4 way sounder card
 - 10 way monitored input card
 - Conventional zone card (8 class B or 4 class A zones + 3 programmable relays)
 - 16 way push button/48 LED card
 - 16 way input/48 output (direct drive LED outputs)
 - Fire and Fault Routing/Protection Card
 - Redundant Controller

MxPro 5 - Remote Terminals

- Three types available including;
 - Remote Display Terminal
 - Remote Control Terminal with additional Mute, Silence, Reset and Resound keys
 - Remote Control Terminal with additional LED status indication, four programmable push buttons, Mute, Silence, Reset, Resound, Lamp Test and Evacuate Keys.
- Optional level 2 access enable key switch
- Integrated standard or fault-tolerant network interface with screen termination point
- Programmable display for up to 2,000 zones along with sector based controls



MxPro 5 - Rack Mount

- Rack mountable control panels
- Additional 16U and 20U high IP55 enclosures
- Rack mount peripheral chassis plate, LED and switch card module options
- Dedicated Mimic door option

MxPro⁴

The Benchmark Fire Panel

The industry workhorse,
performing across the world,
in all kinds of applications.

MxPro 4 is approved to EN54
parts 2 & 4



MxPro 4 is a world-proven fire panel. Built on Advanced's well established Mx-4000 platform, it's a fire system installed in 100,000s of locations worldwide, from single panel, single loop installations to large networks.

The precursor to the MxPro 5, it offers uncomplicated operation as standard and can be expanded with a huge range of peripherals and accessories to meet most needs and configurations.

MxPro 4 utilises a simplified version of our Dynamix Tools fire system software allowing easy set up and management.



Features

- 1, 2, 4 or 8 loop formats
- Up to 254 devices per loop (Protocol dependent)
- Up to 1,000 fire detection zones
- Up to 188,800 devices per network
- True peer-to-peer networking
- Networkable up to 200 nodes
- Supports intelligent/programmable remote terminals, BMS interface, IP Gateway and I/O Drivers
- Circuit monitoring of local panel circuits
- Autolearn and Loop Detection
- Simple Select & Click programming
- 1,000 event log entries
- Simplified logic delivers click and go configuration
- Built in voltage and current meters
- Quick start and protect – a working system after an Autolearn is performed
- Single area false alarm management facility
- Optional Peripheral Expansion Card
- Programmable logo on screen
- Compatible with Apollo Discovery and XP95, Argus Vega, Hochiki ESP and Nittan Evolution protocols
- Approved to EN54 parts 2 and 4

MxPro 4 - 1 Loop



- Single loop
- Maximum 7Ah internal batteries
- Maximum 12Ah internal batteries - large enclosure
- Aperture for 20 zone fire LEDs
- Optional programmable key switch

MxPro 4 - 2 Loop



- One or two loops
- Maximum 17Ah internal batteries
- Maximum 38Ah internal batteries – deep enclosure
- Up to 200 additional zone fire LEDs
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door option

MxPro 4 - 4 Loop



- One to four loops
- Maximum 17Ah internal batteries
- Maximum 38Ah internal batteries – deep enclosure
- Up to 200 additional zone fire LEDs
- Up to 8 programmable key switches or 4 plus printer
- Plexi-glass door option

MxPro 4 - 8 Loop



- Two to eight loops
- Maximum 2 sets of 38Ah internal batteries
- Aperture for up to 200 zone fire LEDs
- Up to 8 programmable key switches or 4 plus printer

MxPro 4 - Remote Terminals



- Two types available including;
 - Remote Display Terminal
 - Remote Control Terminal with additional Silence, Resound, Reset and Evacuate Keys
- Optional level 2 access enable key switch
- Integrated standard or fault-tolerant network interface with screen termination point
- Programmable display for up to 1,000 zones along with sector based controls

MxPro 4 - Peripherals

- 8-way input card
- 8-way relay output
- Monitored shop unit interface
- Optional Peripheral Expansion card supports the following
 - 4-way relay
 - 4-way sounder
 - General routing card

Panel comparison

	MxPro 4	MxPro 5
Hardware Features	MxPro 4	MxPro 5
Display Backlight	Green backlit display Manual contrast adjustment	White backlit display Improved efficiency with programmable dimming options Software driven contrast adjustment via menu
PC Connections	RS232	USB, RS232
Peripheral Expansion Bus	1 loop – n/a 2-8 loop – requires additional optional circuit card	Built in as standard on all panels Extended range of P-Bus option cards
Wiring Fault Monitoring	EN54-2: Open circuit, short circuit	EN54-2: Open circuit, short circuit EN54-13: Continuous checking for increases in resistance, (loose terminations), partial shorts etc.
Control Keys	Reset, Mute, Silence/Resound and Evacuate	Mute, Silence, Reset, LED Test, Resound, Evacuate and dedicated More Alarms buttons on control panels and large repeater Configurable keypad repeat keys
Front Panel Push Buttons	None	4 programmable function buttons on control panels and large repeater
Battery Charging	Charger current and voltage can be viewed on local display Built in battery temperature sensor	Charger current, voltage and temperature available from any display on a network Built in or remote battery temperature sensor
Zone LEDs	None as standard Option 20 zone fire red LED card on 1 loop Options for up to 200 red zone fire LEDs on 2-8 loops	20 integral red LED indicators included as standard on control panels and large repeater. Can be assigned to any fire zone or programmable for other uses. Up to 200 additional LEDs with Large, Deep and Extended enclosures. (Up to 50 in Medium enclosure). Options include red, yellow and (bi-colour) red/yellow or green/yellow column format with slide-in labels.
Programmable Input	None	Dedicated monitored switch input as standard on all panels
Programmable Key Switch Inputs	Requires additional optional key switch input card	Built in as standard on all panels
Printer	Optional on-board printer with built-in battery pack	Optional on-board printer. No additional battery pack required. Integral paper feed button. Printer fault conditions displayed on panel, prints customer logo
Standards	EN54-2 and 4	EN54-2, 4 and 13
Software Features	MxPro 4	MxPro 5
Independent General Event and Fire Event Logs	Yes – control panels only Not on remote terminals	Yes – on all panels and repeaters Any panel can be configured as a network-wide main event log
Event log entries	1,000 + 500 Fire	5,000 + 500 Fire Additional logging for Investigation delays and any Enable/Disable actions
Timed Disable Options	Permanent only	Permanent or automatic timed re-enablement of any input or output device
Enable/Disable Inputs by zone	<ul style="list-style-type: none"> • All Inputs • All Inputs except Call Points • Selected Inputs 	<ul style="list-style-type: none"> • All Inputs • Selected Inputs • Only Automatic Inputs • Only Manual Inputs • All Other Inputs
Enable/Disable Outputs	All Local Panel sounders, relays or individual outputs	Disable by Output Purpose Configurable Disable Outputs Menu options include; Sounders, Relays, Beacons, Fire Routing, Fault Routing, Fire Protection, Pager, All or Selected Disabling of outputs across network configurable by sector mask
Real Time Clock	Yes - requires lithium battery	Yes - no lithium battery required
Languages	Supports Western European languages	Supports multiple different character sets (code pages) and languages

	MxPro 4	MxPro 5
Network Features	MxPro 4	MxPro 5
Max devices per network	188,800	200,000
Max nodes on network	200	200
Sectors	50	200
Maximum Fire Zones Displayed	250 1 loop 1,000 2,4 and 8 loop	2,000 on all panels
Independent Building Areas for False Alarm Management	Single area processing	201 areas per panel Local or Global Alarm Acknowledgment facility
Zone LEDs	No programmable options	All LEDs fully programmable PC configuration presented graphically Primary/secondary activation
Buzzer Options	No programmable options	Smart latch of faults Fault notification can resound daily Service option to Inhibit by time clock
Programmable Input actions	19	22 - including new Supervisory, Fire Routing and Fire Protection confirmed + Alarm Acknowledgement actions
Output Purpose	n/a	Output purpose configurable
Output Ringing styles	20	40 - Output activation priority configurable
Zone Qualifiers	15 categories of zone qualifiers	24 categories of zone qualifiers
Logic statements	500 Logic lines – Programmable options – <ul style="list-style-type: none"> Inputs General Events Time Clocks 	1,500 Logic lines – Programmable options – <ul style="list-style-type: none"> Inputs Any 2 inputs Zone qualifiers Any 2 zones General Events Time Clocks
General Events	10 categories	36 categories
Blocking Rules	No options	Programmable blocking rules – by General Event or Output Groups
Service and Diagnostic Features	MxPro 4	MxPro 5
Device History	n/a	For every device the time and date of the :- <ul style="list-style-type: none"> Last activation Last Test Last Disable Last Enable Date Created
On-board Digital Storage Scope	n/a	Yes
View Panel Voltages and Currents	Available for local panel circuits only	Available from any MxPro 5 repeater or panel on the network.
View Panel Status	Local hardware and panel firmware version	View status of all panel circuits across network Firmware version of all internal hardware and peripheral devices can be viewed at the panel
Firmware updates	Panel firmware flash upgradable	All hardware flash upgradable via panel USB or serial port
Detector Status Information	View drift information at local panel	New Warning state allows any devices nearing drift contamination limits to be identified during routine servicing before a fault level is reached
Service tool	Download device information	Download device information Extract Event log information Download device History View drift (contaminated) status of detectors Network simulation and test facility

AdNet Plus Networking

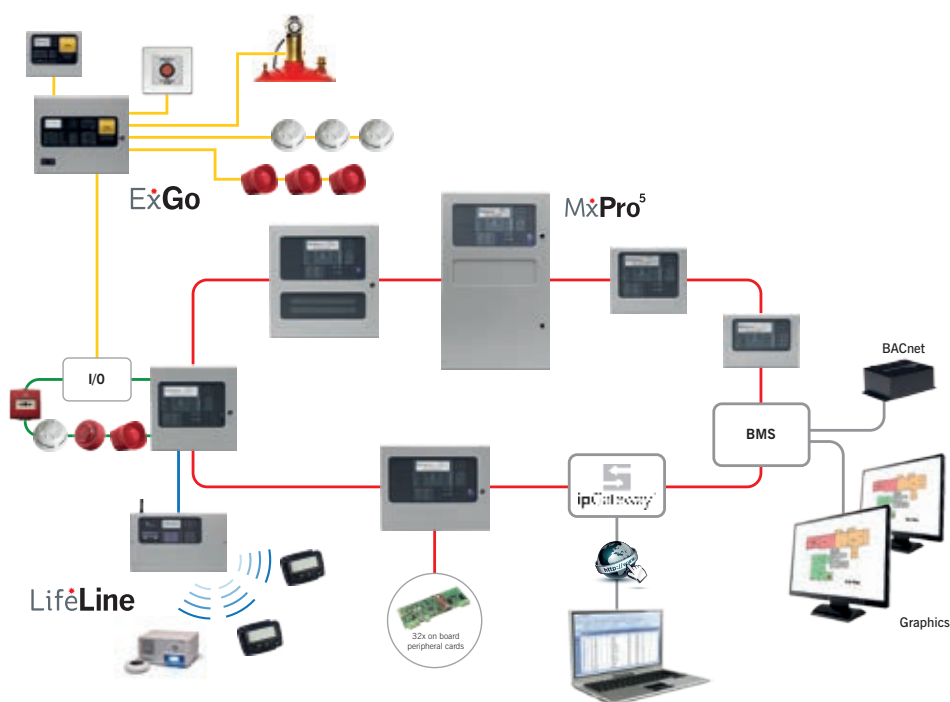
AdNet Plus works across the MxPro range delivering the easiest setup and best performing fire panel networks available.

The AdNet network system allows all MxPro series control panels, remote terminals and network peripherals to be connected together using standard fire resistant two-core cable. It provides both the benefits of distributed intelligence and reduced installation costs whilst catering for the smallest two-panel network through to the largest 200 panel, wide-area, networked system. The network operates as a true peer-to-peer system and is therefore not reliant on a single 'master' panel to function. It allows information from any input or output device to be passed over the network and displayed on any MxPro control panel or remote terminal as required. Details include Fire, General Alarm, Pre-alarm, Fault, Control Inputs and Disablement as well as analogue values, test instructions and status information.

AdNet's zoning facility allows the networked system to share up to 2,000 zones giving non-confusing indication and allowing true peer-to-peer cross panel report, control and site-wide cause and effect functionality.

Simply adding and connecting a network card allows any MxPro control panel or remote terminal to be networked. Autolearning the devices, adding text and assigning the zone numbers allows a working and compliant fire system to be achieved easily. All other nodes on the AdNet system will be instantly aware of a panel as soon as it is given a valid network node address, allowing additional panels to be added at any time with a minimum amount of reprogramming.

All panels provide valuable diagnostic and status information and also have the facility to prevent the transmission of fires or faults during commissioning. For more complex systems, our Dynamix Tools software makes for easy configuration of complicated cause-and-effect, whilst all the configuration data is contained within one user-friendly network configuration file.



ipGateway

ipGateway provides a secure, remote internet connection to an Advanced fire system via a standard web browser. No special software is required.

The state of each device on the network is displayed and users can Enable/Disable zones, Enable/Disable devices, Reset, Mute, and Silence/Resound sounders on the network.

The ipGateway can also be configured to react to events on the network by sending emails to configured recipients.

PC-Net Graphical Control Software

- Highly configurable to specific system
- Our graphical control software monitors the entire fire system through site maps, text and icons
- Users can isolate by selecting icons and devices
- Fire panel controls include Mute, Silence, Re-sound, Reset, Disable/Enable and Evacuate
- Event reports and log with analysis features

Advanced BMS

The BMS Interface allows any MxPro system to interconnect and communicate with independent 3rd party BMS (building management systems) as well as PC based graphical control systems. This allows the fire system to be managed using existing fire or facilities management systems.

Physical connection to the external system is via a serial connection allowing the external BMS/Graphics systems to issue commands and receive information whilst the BMS interface handles all network traffic and event prioritisation. Multiple BMS interfaces can be connected to an AdNet network allowing independent connections to a wide range of control systems.

Dynamix^{*}Tools

Dynamix Tools is fire system software designed for users. It is easy to operate, easy to understand and makes the complicated simple.

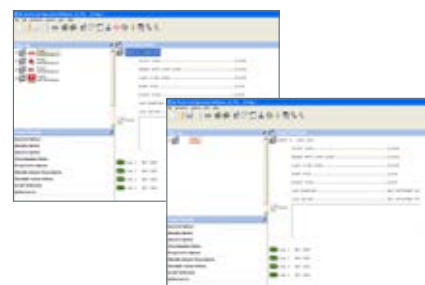
Dynamix Tools comprises a range of specific tools allowing users to achieve what they want quickly and easily, not get bogged down in large, clumsy and complicated software.

Dynamix Tools is being continually developed for the MxPro 5 panel range, adding new features and performance enhancements. Recently these have included comprehensive false alarm management and alarm verification features.

Our position in the global fire industry means we help guide legislation and can implement software changes quickly, keeping our customer systems right up to date. We also listen closely to our customers and often produce features for specific client requirements.

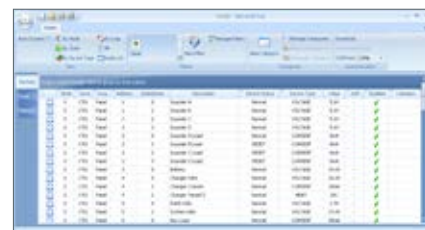
Config Tool

- Full configuration of single panel or network system
- Automatic design check of site configuration
- Assistants menu helps the engineer to easily configure panels
- Import, export information and print configuration reports



Service Tool

- Extract device information and event logs from single or multiple panels
- Device History including last activation, test, enable, disable and date created
- User defined filters allow data to be grouped and searched in many different ways
- View device status, analogue values and drift (contaminated) information
- Network simulation and test feature
- Categorise events and create User defined reports



Mx Terminal

- Virtual panel display supports remote interrogation
- Direct USB/RS232 or remote Modem/IP connection
- Real time status information and control
- Event log can be downloaded



Logo Tool

- Allows the installer's logo to be displayed on the panels graphical LCD display during Normal Operation
- Uploads standard bitmap images
- Tool allows creation of logos
- JPG and GIF images can be imported



AdSpecials*

Custom Built Panels and Control Units

Advanced's special engineering and manufacturing team develops bespoke solutions for customers on the backbone of our market leading fire technology.

From mimic panels and special enclosures to high specification control units and monitoring stations, the AdSpecials team's work is found in thousands of locations worldwide.

Offering a consultancy, design and build service, the AdSpecials department is the epitome of what makes Advanced a manufacturer of choice - we go further to provide customers with exactly what they need.



Advanced360*

Total Customer Support & Service

To ensure our customers get exactly what they need, from specification, through sales, installation and maintenance to expansion we offer Advanced360, an equally advanced customer support service.

Advanced360 offers total customer care from a staff of industry experts and engineers. Support can cover help specifying a system or during installation or maintenance. Advanced360 also delivers full, free-of-charge installer training, online and telephone support and system and fault modeling services. It's Advanced, end-to-end fire system support, free to all customers.



MxPro Parts list

Product Code	Description
	MxPro 5 Fire 1 Loop Series Panels (Apollo /Hochiki Protocol)
MX-5101	1-Loop Fire Panel
MX-5101M	1-Loop Fire Panel in Medium enc.
MX-5101L	1-Loop Fire Panel in Large enc.
MX-5101D	1-Loop Fire Panel in Large-Deep enc.
MX-5101R	1-Loop 19" Rack Mount FACP
	MxPro 5 - 2 Loop Series Panels
MX-5201	1-2 Loop Fire Panel c/w 1 Loop Card
MX-5201L	1-2 Loop Fire Panel c/w 1 Loop Card in Large enc.
MX-5201D	1-2 Loop Fire Panel c/w 1 Loop Card in Large-Deep enc.
MX-5201R	1-2 Loop 19" Rack Mount FACP c/w 1 Loop Card
MX-5202	1-2 Loop Fire Panel c/w 2 Loop Cards
MX-5202L	1-2 Loop Fire Panel c/w 2 Loop Cards in Large enc.
MX-5202D	1-2 Loop Fire Panel c/w 2 Loop Cards in Large-Deep enc.
MX-5202R	1-2 Loop 19" Rack Mount FACP c/w 2 Loop Cards
	MxPro 5 - 4 Loop Series Panels
MX-5401	1-4 Loop Fire Panel c/w 1 Loop Card
MX-5401D	1-4 Loop Fire Panel c/w 1 Loop Card in Deep enc
MX-5401R	1-4 Loop 19" Rack Mount FACP c/w 1 Loop Card
MX-5401E	1-4 Loop Fire Panel c/w 1 Loop Card in Extended enc.
MX-5402	1-4 Loop Fire Panel c/w 2 Loop Cards
MX-5402D	1-4 Loop Fire Panel c/w 2 Loop Card in Deep enc
MX-5402R	1-4 Loop 19" Rack Mount FACP c/w 2 Loop Cards
MX-5402E	1-4 Loop Fire Panel c/w 2 Loop Cards in Extended enc.
MX-5403	1-4 Loop Fire Panel c/w 3 Loop Cards
MX-5403D	1-4 Loop Fire Panel c/w 3 Loop Card in Deep enc
MX-5403R	1-4 Loop 19" Rack Mount FACP c/w 3 Loop Card
MX-5403E	1-4 Loop Fire Panel c/w 3 Loop Cards in Extended enc.
MX-5404	1-4 Loop Fire Panel c/w 4 Loop Card
MX-5404D	1-4 Loop Fire Panel c/w 4 Loop Card in Deep enc
MX-5404R	1-4 Loop 19" Rack Mount FACP c/w 4 Loop Card
MX-5404E	1-4 Loop Fire Panel c/w 4 Loop Cards in Extended enc.
	MxPro 5 - 8 Loop Series Panels
MX-5802*	2-8 Loop Fire Panel c/w 2 Loop Cards. Standard network
MX-5803*	2-8 Loop Fire Panel c/w 3 Loop Cards. Standard network
MX-5804*	2-8 Loop Fire Panel c/w 4 Loop Cards. Standard network
MX-5805*	2-8 Loop Fire Panel c/w 5 Loop Cards. Standard network
MX-5806*	2-8 Loop Fire Panel c/w 6 Loop Cards. Standard network
MX-5807*	2-8 Loop Fire Panel c/w 7 Loop Cards. Standard network
MX-5808*	2-8 Loop Fire Panel c/w 8 Loop Cards. Standard network
	<i>*add FT for Fault-tolerant network</i>
	MxPro 5 Series Fire Control Panels (AV Protocol)
	MxPro 5 - 1 Loop V Series Panels
MX-5101V	1-Loop Fire Panel
MX-5101VM	1-Loop Fire Panel in Medium enc.
MX-5101VL	1-Loop Fire Panel in Large enc.
MX-5101VD	1-Loop Fire Panel in Large-Deep enc.
MX-5101VR	1-Loop 19" Rack Mount FACP

Product Code	Description
	MxPro 5 - 2 Loop V Series Panels
MX-5201V	1-2 Loop Fire Panel c/w 1 Loop Card
MX-5201VL	1-2 Loop Fire Panel c/w 1 Loop Card in Large enc.
MX-5201VD	1-2 Loop Fire Panel c/w 1 Loop Card in Large-Deep enc.
MX-5201VR	1-2 Loop 19" Rack Mount FACP c/w 1 Loop Card
MX-5202V	1-2 Loop Fire Panel c/w 2 Loop Cards
MX-5202VL	1-2 Loop Fire Panel c/w 2 Loop Cards in Large enc.
MX-5202VD	1-2 Loop Fire Panel c/w 2 Loop Cards in Large-Deep enc.
MX-5202VR	1-2 Loop 19" Rack Mount FACP c/w 2 Loop Cards
	MxPro 5 - 4 Loop V Series Panels
MX-5401V	1-4 Loop Fire Panel c/w 1 Loop Card
MX-5401VD	1-4 Loop Fire Panel c/w 1 Loop Card in Deep enc.
MX-5401VR	1-4 Loop 19" Rack Mount FACP c/w 1 Loop Card
MX-5402V	1-4 Loop Fire Panel c/w 2 Loop Cards
MX-5402VD	1-4 Loop Fire Panel c/w 2 Loop Card in Deep enc.
MX-5402VR	1-4 Loop 19" Rack Mount FACP c/w 2 Loop Cards
MX-5403V	1-4 Loop Fire Panel c/w 3 Loop Cards
MX-5403VD	1-4 Loop Fire Panel c/w 3 Loop Card in Deep enc.
MX-5403VR	1-4 Loop 19" Rack Mount FACP c/w 3 Loop Card
MX-5404V	1-4 Loop Fire Panel c/w 4 Loop Card
MX-5404VD	1-4 Loop Fire Panel c/w 4 Loop Card in Deep enc.
MX-5404VR	1-4 Loop 19" Rack Mount FACP c/w 4 Loop Card
	MxPro 5 - 8 Loop V Series Panels
MX-5802V*	2-8 Loop Fire Panel c/w 2 Loop Cards. Standard network
MX-5803V*	2-8 Loop Fire Panel c/w 3 Loop Cards. Standard network
MX-5804V*	2-8 Loop Fire Panel c/w 4 Loop Cards. Standard network
MX-5805V*	2-8 Loop Fire Panel c/w 5 Loop Cards. Standard network
MX-5806V*	2-8 Loop Fire Panel c/w 6 Loop Cards. Standard network
MX-5807V*	2-8 Loop Fire Panel c/w 7 Loop Cards. Standard network
MX-5808V*	2-8 Loop Fire Panel c/w 8 Loop Cards. Standard network
	<i>*add FT for Fault-tolerant network</i>
	MxPro 5 Series Fire Control Panels (Nittan Evolution Protocol)
	MxPro 5 - 1 Loop N Series Panels
MX-5101N	1-Loop Fire Panel
MX-5101NM	1-Loop Fire Panel in Medium enc.
MX-5101NL	1-Loop Fire Panel in Large enc.
MX-5101ND	1-Loop Fire Panel in Large-Deep enc.
MX-5101NR	1-Loop 19" Rack Mount FACP
	MxPro 5 Remote Terminals
MX-5010*	Remote Display Terminal (RDT)
MX-5020*	Remote Control Terminal (RCT) - Small
MX-5030*	Remote Control Terminal (RCT) - Large
	<i>*add FT for Fault-tolerant network</i>

MxPro Parts list

Product Code	Description
	MxPro 5 Peripherals
Note: Additional Peripherals listed under MxPro 4/MxPro 5 Universal Peripherals	
MXP-501	MxPro 5 Remote Battery Temperature Sensor
MXP-502	MxPro 5 Loop Driver Card
MXP-503 *	MxPro 5 Network Card - Standard
MXP-505	MxPro 5 Sounder (pt13) Active Eol
MXP-506	MxPro 5 Routing Termination Card
MXP-507 *	MxPro 5 2-Way Relay Card
MXP-509 *	MxPro 5 Network Card - Fault tolerant
MXP-512 *	MxPro 5 Printer Assembly
MXS-509	Spare Paper Roll for MXP-512 Printer
MXP-532 *	MxPro 5 Routing/Protection Interface
MXP-536 *	MxPro 5 P-BUS 8-Way Conventional Zone Card
MXP-537 *	MxPro 5 P-BUS 10-Way Switch Input Card
MXP-538	MxPro 5 P-BUS 16-Way Switch (Form Factor) Module 16 Switches, 3 integrated, programmable LEDs per switch (red, yellow, green)
MXP-539	MxPro 5 P-BUS MIMIC Driver card (16 input + 48 output) 16 Switch inputs & 48 LED driver outputs. Supports up to 5 MXP-052 10 relay output modules
MXP-542	24VDC - 24VDC Converter/Isolator (for use with MXP-631 Fibre Network Convertors)
* Add F - for fitted	
	MxPro 5 LED Indication
MXP-513M-050RD *	MxPro 5 - 50 Zone FIRE (RED) Medium enc.
MXP-513M-050RY *	MxPro 5 - 25 Zone FIRE (RED) + FAULT (YEL) Medium enc.
MXP-513M-050YL *	MxPro 5 - 50 Zone FAULT (YEL) Medium enc.
MXP-513L-050RD *	MxPro 5 - 50 Zone FIRE (RED) Large enc.
MXP-513L-050RY *	MxPro 5 - 25 Zone FIRE (RED) + FAULT (Y) Large enc.
MXP-513L-050YL *	MxPro 5 - 50 Zone FAULT (YEL) Large enc.
MXP-513L-100RD *	MxPro 5 - 100 Zone FIRE (RED) Large enc.
MXP-513L-100RY *	MxPro 5 - 50 Zone FIRE (RED) + FAULT (Y) Large enc.
MXP-513L-100YL *	MxPro 5 - 100 Zone FAULT (YEL) Large enc.
MXP-513L-200RY *	MxPro 5 - 200 Zone Large enc. (RED/YEL)
MXP-513L-050CRY *	MxPro 5 - 50 Zone Column Format Large enc. (RED/YEL)
MXP-513L-050CRYG *	MxPro 5 - 50 Zone Column Format Large enc. (30 x RED/YEL - 20 GRN/YEL)
* Add F - for fitted	

Product Code	Description
	MxPro 5 Key Switches
MXP-511 *	MxPro 5 - Access Enable Key Switch
MXP-516 *	MxPro 5 - 2-Pos Key Switch (trapped)
MXP-517 *	MxPro 5 - 2-Pos Key Switch (untrapped)
MXP-515 *	MxPro 5 - 3-Pos Key Switch (trapped)
MXP-518 *	MxPro 5 - Access Enable Key Switch for 5010/5020/5030
* Add F - for fitted	
	MxPro 5 Spares
MXS-501 **	Spare Single Loop Base Card c/w PSU (no Loop Cards)
MXS-502 **	Spare Two Loop Base Card c/w PSU (no Loop Cards)
MXS-503 **	Spare Four Loop Base Card c/w PSU (no Loop Cards)
MXS-504	Spare Display Card
MXS-506*	Spare MX-5010 Card only
MXS-507*	Spare MX-5020 Card Only
MXS-508*	Spare MX-5030 Card Only
*add FT for Fault-tolerant network ** add V for AV Protocol	
	MxPro 5 Flushing Bezels
MXM-501	Semi-Flushing Bezel - MxPro 5 Small enc.
MXM-502	Semi-Flushing Bezel - MxPro 5 Medium enc.
MXM-503	Semi-Flushing Bezel - MxPro 5 Large enc.
MXM-509	Semi-Flushing Bezel - MX-5030 RCT - Large
MXM-521	Semi-Flushing Bezel - MX-5010/5020
MXM-536	Semi-Flushing Bezel - MxPro 5 Extended enc.
	MxPro 5 Plexi Glass (Lexan) Door - Retro-fit
MXM-507	Glazed Door Kit - Large enc.
MXM-507Z	Glazed Door Kit (Double Aperture) Large enc.
MXM-508	Glazed Door Kit - Medium enc.
MXM-508Z	Glazed Door Kit (Double Aperture) Medium enc.
MXS-505	Spare Key - MxPro 5 Glazed Door
MXM-538-D1	Glazed Door Kit with Zone Aperture Extended enc.
MXM-538-D2	Glazed Door Kit with 2 x Glazed Apertures Extended enc.
MXM-538-D3	Glazed Door Kit with Mimic Aperture Extended enc.
	MxPro 5 Enclosures
MXM-504	MxPro 5 Medium Termination Enclosure
MXM-505	MxPro 5 Large Termination Enclosure
MXM-506	MxPro 5 Large-Deep Termination Enclosure
MXM-516	MxPro 5 Medium Battery (18Ah)/Utility Enclosure
MXM-517	MxPro 5 Large Battery (18Ah)/Utility Enclosure
MXM-518	MxPro 5 Deep Battery (45Ah)/Utility Enclosure
MXM-519	Chassis Mounting Plate for Utility Enclosure (3 cards)
MXM-522-BB	Small Enclosure - Spare Back Box
MXM-522-D1	Small Enclosure - Spare Door
MXM-523-BB	Medium Enclosure - Spare Back Box
MXM-523-D1	Medium Enclosure - Spare Door
MXM-523-D2	Medium Enclosure - Spare Door (c/w Zone Aperture)
MXM-524-BB	Large Enclosure - Spare Back Box
MXM-524-D1	Large/Deep Enclosure - Spare Door
MXM-524-D2	Large/Deep Enclosure - Spare Door (c/w Zone Aperture)

Product Code	Description
MXM-524-D3	Large/Deep enc. - Spare Door (c/w 2 x Switch Apertures)
MXM-524-D4	Large/Deep enc. - Mimic Door with Single Aperture
MXM-525-BB	Deep Enclosure - Spare Back Box
MXM-530	MxPro 5 Cable Clamp
MXM-531	MxPro 5 Medium Document Enclosure
MXM-532	MxPro 5 Large Document Enclosure
MXM-533	MxPro 5 Modem/ESPA/BMS Interface Enclosure
MXM-537-BB	Extended enclosure - Back Box
MXM-537-BP	Extended enc. - Blank Plate for Zone LED Aperture
MXM-537-D1	Extended enc. - Spare Door
MXM-537-D2	Extended enc. - Spare Panel Door with Mimic Aperture
	MxPro 5 Rack Mount Enclosure
MXM-510-16U	IP55 19" Rack Mount Enclosure - 16U High
MXM-510-20U	IP55 19" Rack Mount Enclosure - 20U High
MXM-510-KL	CAM Key-lock Kit for Outer Door
MXM-510-BS	19" Rack Mount - Battery Shelf
MXM-510-BS1	19" Rack Mount - Battery Shelf Lower
MXM-510-CP	19" Rack Mount - Chassis Plate
MXP-513R-050RD	19" Rack Mount 4U LED Card - 50 Zone FIRE (RED)
MXP-513R-050RY	19" Rack Mount 4U LED Card - 50 Zone FIRE/FLT (R/Y)
MXP-513R-050YL	19" Rack Mount 4U LED Card - 50 Zone FLT (YEL)
MXP-513R-100RD	19" Rack Mount 4U LED Card - 100 Zone FIRE (RED)
MXP-513R-100RY	19" Rack Mount 4U LED Card - 100 Zone FIRE/FLT (R/Y)
MXP-513R-100YL	19" Rack Mount 4U LED Card - 100 Zone FAULT (Yellow)
MXP-513R-200RY	19" Rack Mount 4U Programmable LED Card - 200 Zone (RED/YEL)
MXP-513R-050CRY	19" Rack Mount 4U Programmable LED Card 50 Zone Column Format (RED/YEL)
MXP-514	MxPro 5 RACK AC FILTER CARD
MXM-511-1U	19" Rack Mount Blanking Plate - 1U
MXM-511-2U	19" Rack Mount Blanking Plate - 2U
MXM-511-3U	19" Rack Mount Blanking Plate - 3U
MXM-511-4U	19" Rack Mount Blanking Plate - 4U
MXM-511-6U	19" Rack Mount Blanking Plate - 6U
MXM-511-1U-TOP	19" Rack Mount Blanking Plate - 1U-TOP
MXM-512	19" Rack Mount Blanking LED Plate - 4U
MXM-513-BB	19" Rack Mount Back Box - 6U
MXM-513-BP	19" Rack Mount Switch/LED Blank Plate - 6U
MXM-513-D1	19" Rack Mount Door D1 Blank - 6U
MXM-513-D2	19" Rack Mount Door D2 LED - 6U
MXM-513-D3	19" Rack Mount Door D1 c/w Aperture - 6U
MXM-513-FP	19" Rack Mount Fascia Plate Blank - 6U
MXM-513-MF	19" Rack Mount Switch/LED Mounting Frame - 6U
MXM-514-BB	19" Rack Mount Back Box - 8U
MXM-514-D1	19" Rack Mount Door D1 c/w Aperture - 8U
MXM-514-FP	19" Rack Mount Fascia Plate Blank - 8U
MXM-515-6U	19" Rack Mount Chassis Plate - 6U
MXM-515-8U	19" Rack Mount Chassis Plate - 8U

Product Code	Description
	MxPro 4/MxPro 5 Universal Peripherals
	Network Boosters and Convertors
MXP-030	Standard Network Booster/Isolator (DIN-Rail module)
MXP-631-MM	Ad-Net/Fibre Optic Converter Multi-Mode
MXP-631-SM	Ad-Net/Fibre Optic Converter Single-Mode
	Mimic Driver Cards, Indicators & Network I/O Controllers
MXP-020-100	100-Way Remote LED Mimic Driver (un-boxed)
MXP-020-100/FT	Fault Tolerant 100-Way Remote LED Mimic Driver (un-boxed)
MXP-045	50-Way Network I/O Controller (un-boxed)
MXP-045/FT	50-Way Fault-tolerant Network I/O Controller (un-boxed)
MXS-026	High Intensity red LED & 600mm Lead for MXP-020/027 & 045
MXS-026-YEL	High Intensity yellow LED & 600mm Lead for MXP-020/027 & 045
MXS-026-GRN	High Intensity green LED & 600mm Lead for MXP-020/027 & 045
	P-Bus Expansion Cards
MXP-034 (F)*	Peripheral Bus - 4-Way Sounder Card
MXP-034-BXP	Peripheral Bus - 4-Way Sounder Card with 4A PSU (Boxed)
MXP-035(F)*	Peripheral Bus - 4-Way Relay card
MXP-035-BXP	Peripheral Bus - 4-Way Relay Card with 1.5A PSU (Boxed)
* Add F - for Fitted (except MxPro 4 1 loop, MxPro 5 1 loop)	
	MxPro Sounder Splitter & Boosters
MXP-021(F)*	4-Way Sounder Splitter Card **
MXP-021-BXP	4-Way Sounder Splitter with 4A PSU (Boxed) **
MXP-026	Spare 4 Amp Sounder Booster Card **
MXP-026-BXP	4 Amp Sounder Booster Card with 4 Amp PSU (boxed) **
* Add F - Fitted (except MxPro 4 1 loop, MxPro 5 1 loop). ** Not compatible with MXP-505 Part13 Active EOL	
	EN54-4 'Approved' Power Supply Units
MXP-049	1.5A EN54-4 PSU & Charger (boxed - 7Ah battery capacity)
MXP-050-001	3A EN54-4 PSU & Charger (boxed - 7Ah battery capacity)
MXP-050-002	3A EN54-4 PSU & Charger (boxed - 17Ah battery capacity)
MXP-051	5A EN54-4 PSU & Charger (boxed - 17Ah battery capacity)
MXP-051/D	5A EN54-4 PSU & Charger (boxed - 38Ah battery capacity)
	MxPro Input and Output Cards
MXP-046	Damper Interface Module (Apollo protocol)
MXP-046-BX1	Damper Interface Module - Boxed (Apollo protocol)
MXP-019	8-way Input/Output card (Hochiki protocol)
MXP-019-BX	Boxed 8-way Input/Output card (Hochiki protocol)
MXP-019-BXP	Boxed 8-way I/O card (Hochiki protocol) c/w 1 Amp PSU & Charger
MXP-053	2-way Input Stretch/Latch Module

MxPro Parts list

Product Code	Description
	MxPro Interfaces
MXP-510-BX	BMS/GRAPHICS I/F (Boxed)
MXP-510-BX/FT	BMS/GRAPHICS I/F (Boxed) Fault tolerant
MXP-510	BMS/GRAPHICS I/F (Card Only)
MXP-510/FT	BMS/GRAPHICS I/F (Card Only) Fault tolerant
MXP-547 (F)*	ESPA Pager Interface
MXP-547-BX	ESPA Pager Interface (Boxed)
MXP-554-BX	IP Gateway (Boxed)
MXP-554-BX/FT	IP Gateway (Boxed) Fault tolerant
MXP-554	IP Gateway (Card Only)
MXP-554/FT	IP Gateway (Card Only) Fault tolerant
MXP-641	Integrator- BACnet (IP) Interface (Standard/Basic) **
MXP-641C	Integrator- BACnet (IP) Interface (Configured) **
* Add F - Fitted (except MX-4100, MX-5100).	
** Requires mxp-510 BMS Interface	
	MxPro Modems
MXP-028 *	Modem Card (24V)
MXP-028-BX	Modem Card (24V) boxed
* Add F - Fitted (except MX-4100, MX-5100)	
	Dynamix Tools PC Software
(See "Cables & Connectors" section for spare and USB compatible upload/download leads)	
Pc-Net-003	MxPro Configuration Software & Lead
Pc-Net-003-USB	MxPro Configuration Software & Usb Upload/Download Lead
Pc-Net-004	MxPro Remote Dial-Up Software (Virtual Panel)
Pc-Net-005-L1	Graphical Control Software* Standard Version up to 3 panels
Pc-Net-005-L2	Graphical Control Software* Standard Version up to 15 panels
Pc-Net-005-L2p	Graphical Control Software* Premium Version up to 15 panels
Pc-Net-005-L3	Graphical Control Software* Standard Version up to 200 panels
Pc-Net-005-L3p	Graphical Control Software* Premium Version up to 200 panels
Pc-Net-007	MxPro Logo Programming Software
Pc-Net-015	MxPro Service Tool Software
* requires MXP-510 BMS interface	
	Cables & Connectors (Upload/Download Leads)
Up-001	RS232 9-Way to 3-Way Plug In Connector (MX Upload/Download Lead)
UP-006	USB Upload/Download Lead for Config Software

Product Code	Description
	MxPro 4 Fire Control Panels (Apollo/Hochiki Protocol)
	MxPro 4 - 1 Loop Series Panels
MX-4100	1 Loop Fire Panel (No loop driver required)
MX-4100/L	1 Loop Fire Panel with Lockable Hinged Door
MX-4100/LG	1 Loop Fire Panel c/w Lockable Hinged Door & Lexan (Perspex) Kit
	MxPro 4 - 2 Loop Series Panels
MX-4200	1-2 Loop Fire Panel (no Loop Cards)
MX-4200/D	1-2 Loop Fire Panel in deep enclosure suitable for up to 2 x 38Ah batteries
MX-4200/R	1-2 Loop Fire Panel with 19" Mounting Bezel (no Loop Cards)
MX-4200/LE	1-2 Loop Fire Panel in Large Enclosure (950 mm High)
MX-4201	1-2 Loop Fire Panel c/w 1 Loop Card
MX-4202	1-2 Loop Fire Panel c/w 2 Loop Cards
MX-4201/D	1-2 Loop Fire Panel c/w 1 Loop Card in deep enc.
MX-4202/D	1-2 Loop Fire Panel c/w 2 Loop Card in deep enc
	MxPro 4 - 4 Loop Series Panels
MX-4400	1-4 Loop Fire Panel (no Loop Cards)
MX-4400/D	1-4 Loop Fire Panel in Deep Back Box for up to 2 x 38Ah batteries
MX-4400/R	1-4 Loop Fire Panel with 19" Mounting Bezel (no Loop Cards)
MX-4400/LE	1-4 Loop Fire Panel in Large Enclosure (950 mm High)
MX-4401	1-4 Loop Fire Panel c/w 1 Loop Card
MX-4402	1-4 Loop Fire Panel c/w 2 Loop Cards
MX-4403	1-4 Loop Fire Panel c/w 3 Loop Cards
MX-4404	1-4 Loop Fire Panel c/w 4 Loop Cards
MX-4401/D	1-4 Loop Fire Panel c/w 1 Loop Card in deep enc.
MX-4402/D	1-4 Loop Fire Panel c/w 2 Loop Cards in deep enc.
MX-4403/D	1-4 Loop Fire Panel c/w 3 Loop Cards in deep enc.
MX-4404/D	1-4 Loop Fire Panel c/w 4 Loop Cards in deep enc.
	MxPro 4 - 8 Loop Series Panels
MX-4800*	2-8 Loop Fire Panel with Standard Network Card (No Loop Cards)
MX-4802*	2-8 Loop Fire Panel c/w Standard Network Card & 2 Loop Cards
MX-4803*	2-8 Loop Fire Panel c/w Standard Network Card & 3 Loop Cards
MX-4804*	2-8 Loop Fire Panel c/w Standard Network Card & 4 Loop Cards
MX-4805*	2-8 Loop Fire Panel c/w Standard Network Card & 5 Loop Cards
MX-4806*	2-8 Loop Fire Panel c/w Standard Network Card & 6 Loop Cards
MX-4807*	2-8 Loop Fire Panel c/w Standard Network Card & 7 Loop Cards
MX-4808*	2-8 Loop Fire Panel c/w Standard Network Card & 8 Loop Cards
*add FT for Fault-tolerant	

Product Code	Description
	MxPro 4 Series Fire Control Panels (AV or Nittan Evolution Protocol)
	For Nittan Evolution protocol, replace V with N
	MxPro 4 - 2 Loop V and N Series Panels
MX-4201V	1-2 Loop Fire Panel c/w 1 Loop Card
MX-4202V	1-2 Loop Fire Panel c/w 2 Loop Cards
MX-4201V/D	1-2 Loop Fire Panel c/w 1 Loop Card in deep enc.
MX-4202V/D	1-2 Loop Fire Panel c/w 2 Loop Cards in deep enc.
MX-4201V/R	1-2 Loop Fire Panel c/w 1 Loop Card with 19" Mounting Bezel
MX-4202V/R	1-2 Loop Fire Panel c/w 2 Loop Cards with 19" Mounting Bezel
MX-4201V/LE	1-2 Loop Fire Panel c/w 1 Loop Card in Large enc.
MX-4202V/LE	1-2 Loop Fire Panel c/w 2 Loop Cards in Large enc.
	MxPro 4 - 4 Loop V and N Series Panels
MX-4401V	1-4 Loop Fire Panel c/w 1 Loop Card
MX-4402V	1-4 Loop Fire Panel c/w 2 Loop Cards
MX-4403V	1-4 Loop Fire Panel c/w 3 Loop Cards
MX-4404V	1-4 Loop Fire Panel c/w 4 Loop Cards
MX-4401V/D	1-4 Loop Fire Panel c/w 1 Loop Card in deep enc.
MX-4402V/D	1-4 Loop Fire Panel c/w 2 Loop Cards in deep enc.
MX-4403V/D	1-4 Loop Fire Panel c/w 3 Loop Card in deep enc.
MX-4404V/D	1-4 Loop Fire Panel c/w 4 Loop Cards in deep enc.
MX-4401V/R	1-4 Loop Fire Panel c/w 1 Loop Card with 19" Mounting Bezel
MX-4402V/R	1-4 Loop Fire Panel c/w 2 Loop Cards with 19" Mounting Bezel
MX-4403V/R	1-4 Loop Fire Panel c/w 3 Loop Cards with 19" Mounting Bezel
MX-4404V/R	1-4 Loop Fire Panel c/w 4 Loop Cards with 19" moMounting Bezel
MX-4401V/LE	1-4 Loop Fire Panel c/w 1 Loop Card in Large enc.
MX-4402V/LE	1-4 Loop Fire Panel c/w 2 Loop Cards in Large enc.
MX-4403V/LE	1-4 Loop Fire Panel c/w 3 Loop Cards in Large enc.
MX-4404V/LE	1-4 Loop Fire Panel c/w 4 Loop Cards in Large enc.
	MxPro 4 - 8 Loop V and N Series Panels
MX-4802V	2-8 Loop Fire Panel c/w Standard Network Card & 2 Loop Cards
MX-4803V	2-8 Loop Fire Panel c/w Standard Network Card & 3 Loop Cards
MX-4804V	2-8 Loop Fire Panel c/w Standard Network Card & 4 Loop Cards
MX-4805V	2-8 Loop Fire Panel c/w Standard Network Card & 5 Loop Cards
MX-4806V	2-8 Loop Fire Panel c/w Standard Network Card & 6 Loop Cards
MX-4807V	2-8 Loop Fire Panel c/w Standard Network Card & 7 Loop Cards
MX-4808V	2-8 Loop Fire Panel c/w Standard Network Card & 8 Loop Cards
*add FT for Fault-tolerant	
	MxPro 4 Network Cards
MXP-003(F)*	Standard Network Card
MXP-009(F)*	Fault Tolerant Network Card
* Add F - fitted to a 1, 2 or 4 loop	

Product Code	Description
	MxPro 4 Zonal LED Indication
MXP-024(F)*	20 Zone LED Card for MX-4100 - Fitted
MXP-025(F)*	20 Zone LED Card for MX-4200 /4400 /4800 - Fitted
MXP-013-050(F)*	50 zone LED Card for MX-4200 /4400 /4800 - Fitted
MXP-013-100(F)*	100 zone LED Card for MX-4200 /4400 /4800 - Fitted
MXP-013-200(F)*	200 zone LED Card for MX-4200 /4400 /4800 - Fitted
MXP-055F	36 Zone Slide-in Label and LED Card for MX-4200D/4400D (Requires Mimic interface and network card)
* Add F - for fitted	
	MxPro 4 Series Printers
MXP-012(F)*	On-board Printer for 2, 4 and 8 loop - Fitted
MXP-012-BX	External Boxed Panel Printer for MX-4100 /4200 /4400 /4800
MXS-014	Spare Shrink Wrap Battery Pack for MXP-012 Printer
MXS-008	Spare Paper Roll for MXP-012 Printer (pack of 10)
MXP-048	Portable Thermal Printer c/w re-chargeable battery & leads
MXP-056 (F)**	Mimic/Network Printer Interface Card
MXP-056(F)** /FT	Fault-tolerant Mimic/Network Printer Interface Card
* Add F - for fitted (**to a deep enclosure only)	
	MxPro 4 Input & Output Cards
MXP-007(F)*	2-Way Programmable Relay Output Card for 1 Loop L
MXP-008(F)*	8-Way Programmable Relay Output Card for 2, 4 and 8 Loop
MXP-014(F)*	8-Way Programmable Input Card for 1 Loop L, 2, 4 and 8 Loop
MXP-029(F)*	Shop Interface Unit (input/output card) for 1 Loop L, 2, 4 and 8 Loop
* Add F - for fitted	
	MxPro 4 P-Bus Expansion Cards
Note: Additional expansion cards listed under MxPro 4/MxPro 5 Universal Peripherals	
MXP-031(F)*	Peripheral Bus Interface Adaptor
MXP-032(F)*	Peripheral Bus - Fire Alarm Routing Interface Card (monitored output card)
* Add F - for fitted to a 2, 4 or 8 loop.	
	MxPro 4 Key Switches
MXP-011(F)*	Access Enable Key Switch Assembly
MXP-018(F)*	Access Enable Key Switch Assembly for RDT/RCT
MXP-015(F)*	8-Way Key Switch Input Card & Cable * (Note: Accepts up to 8 Key Switches MXP-016/MXP-017 or 4 x MXS-015)
MXP-016(F)*	2-Position Key Switch Assembly - Trapped
MXP-017(F)*	2-Position Key Switch Assembly - Untrapped
MXS-015(F)*	3-Position Key Switch Assembly c.w 2 Flying Leads
* Add F - for fitted	

MxPro Parts list

Product Code	Description
	MxPro 4 Mounting Bezels
MXM-001	Semi-Flushing Bezel for MxPro 4 1 Loop
MXM-002	Semi-Flushing Bezel for MxPro 4 2/4 Loop
MXM-008	Semi-Flushing Bezel for MxPro 4 Repeaters
MXM-032	Semi-Flushing Bezel for MxPro 4 8 Loop
MXM-037	Semi-Flushing Bezel for MxPro 1 Loop large
MXM-048	Semi-Flushing Double Bezel for 2 Multi-loop Panels side-by-side
MXM-054(F)*	19" Rack Mounting Bezel (6U high) for a 50, 100 or 200 Zone LED Card
MXM-054-001(F)*	19" Rack Mounting Bezel (300mm) for a 50,100, 200 Zone LED card
MXM-057	Spare 19" Rack Mounted Adaptor Plate for MX-4400 Chassis
* Add F - for fitted	
	MxPro 4 Lexan (Plexi Glass) Door Kits
MXM-007(F)*	Lexan Door Kit for MxPro 4 2/4 loop
MXM-041(F)*	Lexan Door Kit for MxPro 4 8 loop
*add -001	c/w Printer cut-out
or -002	c/w Printer cut-out and Key switch
or -003	c/w Key Switch cut-out
MXM-059(F)*	Full Lexan Deep Over Door Kit for MxPro 4 2/4 loop
MXM-059-001(F)*	Full Lexan Deep Over Door Kit with Alternate Key for MxPro 4 2/4 loop
* Add F - for fitted	
	MxPro 4 Enclosures, Blanking Plates and Spare Doors
MXM-018	Spare Back-Box for MxPro 4 1 Loop
MXM-018-002	Spare Back-Box for MxPro 4 1 Loop without Transformer
MXM-038	Spare Back-Box for MxPro 4 1 Loop/L
MXM-017	Spare Back-Box for MxPro 4 2/4 Loop
MXM-020	Spare Deep Back-Box for MxPro 4 2/4 Loop
MXM-042	Spare Back-Box for MxPro 4 8 Loop
MXM-030	Spare Back-Box for Repeaters
MXM-058	Spare Deep Back-Box for Repeaters
MXM-019	Utility Enclosure Matching MxPro 4 2/4 Loop
MXM-019-D	Deep Utility Enclosure Matching MxPro 4 2/4 Loop
MXM-052	Utility Enclosure Matching MxPro 4 1 Loop L
MXM-028	Termination Enclosure - 1-4 Loop Panel
MXM-029	Termination Enclosure - 1-8 Loop Panel
MXM-043	Document Enclosure
MXM-061	Large Document Enclosure
MXM-046	Spare MxPro 4 1 Loop L Enclosure and Door
MXM-040	Spare Enclosure c/w Door for MxPro 4 2/4 Loop
MXM-044	Spare Enclosure for Modem or BMS Interface
MXM-049	Spare Lid for MxPro 4 1 Loop
MXM-039	Spare Door for MxPro 4 1 Loop/L
MXM-047	Spare Door for MxPro 4 2/4 Loop
MXM-047-001	Spare Door (double aperture) for MxPro 4 2/4 Loop
MXM-031	Blanking Plate for Lower Aperture on MxPro 4 2/4 Loop Door
MXM-053	Spare Blank Deep Panel Door c/w Lock for MxPro 4 4 Loop
MXM-053F	Blank Deep Panel Door for MxPro 4 2/4 Loop - fitted
MXM-045	Spare Lid for repeaters
MXM-050	Spare Door for MxPro 4 8 Loop

Product Code	Description
MXM-051	Spare Upper Aperture Blanking Plate for MxPro 4 8 Loop Enclosure
MXM-060	Spare MxPro 4 8 Loop Enclosure Assembled
	MxPro 4 Spares
MXS-001	Spare Single Loop Base Card
MXS-002 (N) (V)*	Spare 1 - 2 Loop Base Card (*Add N for Nittan Evolution or V for AV Protocol)
MXS-003 (N) (V)*	Spare 1 - 4 Loop Base Card (*Add N for Nittan Evolution or V for AV Protocol)
MXS-004	Spare MxPro 4 Graphic Display Card
MXS-005	Spare Power Supply Unit for 4 loop MxPro 4
MXS-006	Spare Power Supply Unit for 2 loop MxPro 4
MXS-008	Spare Paper Roll for MXP-012 Printer (pack of 10)
MXS-009-050	Spare 50 Zone LED Card
MXS-009-100	Spare 100 Zone LED Card
MXS-010	BMS/Graphics Network Interface Card
MXS-011	Spare Panel Door Key
MXS-012	Spare Access Enable Key
MXS-013	Spare Panel Lock and Key
MXS-024	20 Zone LED Card (Pcb only)
MXS-027	Local 100 Zone Mimic Driver Card
MXS-028	Spare Peripheral Fault-tolerant Network Interface
MXS-029	Spare 10-Way Earthing Block for MxPro 4 2, 4 & 8 Loop
MXS-034	2-Way Pluggable Lead for Key Switch Input Card
MXS-035	Spare re-chargeable battery pack for MXP-048
MXS-036	Spare Rubber Boot and Belt Kit for MXP-048
MXS-037	Spare PSU and Power Lead for MXP-048
MXS-030	Non-illuminated Push Button + 450mm Long 2-Way Cable
MXS-030-R	Illuminated (red) Push Button + 450mm Long 2-Way Cable
MXS-030-G	Illuminated (green) Push Button + 450mm Long 2-Way Cable
MXS-038-xxx	20-Way Ribbon Cable (xxx = 320, 550, 650 mm)
MXS-039-xxx	Cable, 2-Way Plug to Plug (xxx = 320, 550, 650 mm)
MXS-049	Spare 24V 1.5A EN54-4 Psu & Battery Charger Card
MXS-050	Spare 24V 3A EN54-4 Psu & Battery Charger Card
MXS-051	Spare 24V 5A EN54-4 Psu & Battery Charger Card





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