MxPro 5

1 Loop Fire Alarm Control Panel

The MxPro 5 series control panels are supplied with a single loop driver card, 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 & click' programming aid for engineer configuration and end user operation.

The panel is compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

Powerful cause-and-effect programming coupled with dynamic zoning and enhanced trace diagnostics makes the panel suitable for a wide range of site applications; from small sites to large complex multi-area systems. Fully programmable on-site via the onboard alphanumeric keypad, or via our PC-NET-022 configuration software.

An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when using MxPro 5 series fire panels. The suite incorporates a number of different programmes which include configuration, service and logo tools to allow greater flexibility of the equipment to be fully explored.

Simply adding a network card allows the panel to communicate with any other MxPro 5 fire panel, remote terminal, or network peripheral, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault tolerant loop or radial format.



Features

- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- 20 programmable zonal / 25 System LEDs
- 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
- Dedicated USB & RS232 Serial Port for direct PC or modem connection
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facility
- Graphical display configurable for virtually any language
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination
- Integral P-Bus for system expansion via available option cards
- Advanced Networking, peer-to-peer system, with up to 2000 zones
- Programmable push buttons
- Multiple languages
- Global compliance
- 3-year warranty
- Fully programmable
- Installer's logo application

Approvals



- EN54-2:1997 +AC:1999 +A1:2006
- EN54-4:1997 +AC:1999 +A1:2002 +A2:2006
- EN 50130-4: 2011+A1:2014
- EN 55032:2015
- EN 62368-1:2014+A11:2017
- EN 62368□ 1:2020+A11:2020
- EN IEC 63000:2018
- EN 54-13:2017 (Pending)

Specification

Base technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD (5.5 inches x 2.5 inches)
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls	Alpha numeric keypad permitting navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x programmable push buttons
Protocol	Apollo (Soteria / XP95 / Discovery), Argus Vega, Hochiki ESP & Nittan Evolution
Number of Fire Zones	200 per individual panel - 2000 when networked
Number of Loops	1
Devices per Loop	Protocol dependent
Loop Current	500mA
On-Board Sounder Circuits	2 x 1 Amp programmable
On-Board Relays	2 x 1 Amp 30v AC/DC programmable(10mA, 5v min) - expandable to 4 using MXP-507
Auxiliary Supply	1 x 24v 500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	1 x volt free input (standard enc.), 8 x inputs (M, L, D enc.)
Total Available Output Current	3A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 50-60 Hz AC (+10%, -15% tolerance) 1.0A Max
Charger Current	1A temperature compensated
Ethernet port	10-Base-T, 100-Base-T - providing AdvancedLive connectivity (UK&I only)
Serial Port	1 x on-board RS232 connection for PC, modem, IP, or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 event & diagnostic + 500 fire
Networking	Optional plug-in network card (MXP-503 - standard, or MXP-509 - fault-tolerant)
Printer (optional)	On-board (M, L, D enclosures only)
Enclosure / Colour	Steel IP30 / RAL7035
Temperature	-5°C to 40°C
Humidity (RH)	95% Max
Metalwork Options	Flushing bezel, battery box, utility enclosure and termination enclosure

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	345 x 345 x 85	13 x top, 8 x rear	24v, 4Ah	24v, 7Ah
Medium	345 x 430 x 120	17 x top, 11 x rear	24v, 4Ah	24v, 12Ah
Large	475 x 450 x 120	19 x top, 11 x rear & 2 x bottom	24v, 4Ah	24v, 18Ah
Large-Deep	475 x 450 x 190	30 x top, 11 x rear & 3 x bottom	24v, 4Ah	24v, 18Ah

Order Codes and Options

Enclosure/Protocol	Apollo (XP95/Discovery) and Hochiki ESP	Apollo Soteria *	Argus Vega	Nittan Evolution
Standard	MX-5101	MX-5101A	MX-5101V	MX-5101N
Medium	MX-5101M	MX-5101AM	MX-5101VM	MX-5101NM
Large	MX-5101L	MX-5101AL	MX-5101VL	MX-5101NL
Large-Deep	MX-5101D	MX-5101AD	MX-5101VD	MX-5101ND

*MXP-568 is required

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MxPro 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.

Compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of your fire system.

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-022 configuration software.

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

Network: Simply adding a network card allows the panel to communicate with any otherMxPro 5fire panel, remote terminal, or network peripheral, BMS or Graphical Interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.



Features

- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- 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
- Advanced networking, peer-to-peer system, with up to 2000 zones
- Programmable push buttons
- Global compliance
- 3-year warranty
- Fully programmable
- Installer's logo application

Approvals



- EN54-2:1997 +AC:1999 +A1:2006
- EN54-4:1997 +AC:1999 +A1:2002 +A2:2006
- EN 50130-4: 2011+A1:2014
- EN 55032:2015
- EN 62368-1:2014+A11:2017
- EN 62368□ 1:2020+A11:2020
- EN IEC 63000:2018
- EN 54-13:2017 (Pending)

Specification

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD (5.5 inches x 2.5 inches)
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls Protocols	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x programmable push buttons
Protocols	Apollo (Soteria / XP95 / Discovery), Argus Vega, Hochiki ESP
Number of Fire Zones	2000 (200 per individual panel)
Number of Loops	Dedicated 1-2 loop control panel
Devices per loop	Protocol dependent
Loop Current	500mA per loop
On-Board Sounder Circuits	2 x 1 Amp programmable
On-Board Relays	2 x 1 Amp 30v AC/DC programmable (10mA, 5v min) - expandable to 4 using MXP-507
Auxiliary Supply	1 x 24v 500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	8 volt free inputs
Total Available Output Current	5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 50-60 Hz AC (+10%, -15% tolerance) 1.4A max
Charger Current	2A temperature compensated
Ethernet	10-Base-T, 100-Base-T: Providing AdvancedLive connectivity (UK&I only)
Serial ports	1 x On-board RS232 connection for PC, modem, IP, or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 event & diagnostic + 500 fire
Networking	Optional plug in Network Card (MXP-503 - Standard, or MXP-509 - Fault-Tolerant)
Enclosure / Colour	Steel IP30 / RAL7035
Temperature	-5°C to 40°C
Humidity (RH)	95% Max
Metalwork Options	Flushing bezel, battery box, utility enclosure and termination enclosure

Dimensions and Capacity

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

Order Codes and Options

Enclosure/Protocol	Apollo (XP95/Discovery) / Hochiki ESP	Apollo Soteria *	Argus Vega	Nittan Evolution
Standard	MX-5201	MX-5201A	MX-5201V	MX-5201N
Large	MX-5201L	MX-5201AL	MX-5201VL	MX-5201NL
Large-Deep	MX-5201D	MX-5201AD	MX-5201VD	MX-5201ND

*MXP-568 is required

Note: 1 loop card comes as standard. If more loops are required, please order 1 loop driver card per extra loop.

Part Code	Description
MXP-568	Loop driver card - Apollo, Hochiki, Argus Vega
MXP-567	Loop driver card - Nittan

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MxPro 5

1-4 Loop Fire Alarm Control Panel

TheMxPro 5 series is fully expandable from 1 to 4 loops and supplied with 4 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.

Compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

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-022 configuration software.

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

Network: Simply adding a network card allows the panel to communicate with any otherMxPro 5/MxPro 4fire panel, remote terminal, or network peripherals, BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.



- Connectivity to AdvancedLive (UK&I only), Ethernet connection on-board
- 20 programmable Zonal / 25 System LEDs
- 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
- Dedicated USB & RS232 serial port for direct PC or modem connection
- Installer friendly Auto-learn, Loop Detection and Onboard Scope facility for ease of commissioning and fault finding
- The graphical display can be configured to operate with virtually any language or character set and allow the installer's logo to be applied using the Logo application software
- Integral P-Bus for system expansion via available option cards.
- Advanced networking, peer-to-peer system, with up to 2000 zones
- Programmable push buttons
- Rack-mount options
- Global compliance
- 3-year warranty
- Fully programmable
- Installer's logo application

Approvals



- EN54-2:1997 +AC:1999 +A1:2006
- EN54-4:1997 +AC:1999 +A1:2002 +A2:2006
- EN 50130-4: 2011+A1:2014
- EN 55032:2015
- EN 62368-1:2014+A11:2017
- EN 62368□ 1:2020+A11:2020
- EN IEC 63000:2018
- EN 54-13:2017 (Pending)

Specification

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD (5.5 inches x 2.5 inches)
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 12 bi-colour (Fault & System)
Controls	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push Buttons
Protocols	Apollo (Soteria / Xp95 / Discovery), Argus Vega, Hochiki ESP & Nittan Evolution
Number of Fire Zones	2000 (200 per individual panel)
Number of Loops	Dedicated 1-4 loop control panel
Devices per loop	Protocol dependent
Loop Current	500mA per loop
On-Board Sounder Circuits	4 x 1 Amp programmable
On-Board Relays	2 x 1 Amp 30v AC/DC programmable (10mA, 5v min) - expandable to 4 using MXP-507
Auxiliary Supply	1 x 24v 500mA
Programmable Input	1 x monitored programmable input on-board
Programmable Key Switch Inputs	8 volt free inputs
Total Available Output Current	5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger Current	2A temperature compensated
Ethernet Port	10-Base-T, 100-Base-T: Providing AdvancedLive Connectivity (UK&I only)
Serial ports	1 x on-board RS232 connection for PC, modem, IP or portable printer
USB Interface	1 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	5000 Event & Diagnostic + 500 Fire
Networking	Optional plug in network card (MXP-503 - standard, or MXP-509 - fault-tolerant)
Enclosure / Colour	Steel IP30 / RAL7035
Temperature	-5°C to 40°C
Humidity (RH)	95% Max
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	475 x 450 x 120	19 x top, 11 x top rear, 2 x bottom	24v, 4Ah	24v, 18Ah
Large-Deep	475 x 450 x 190	30 x top, 11 x top rear, 3 x bottom	24v, 4Ah	24v, 45Ah
Extended	750 x 450 x 190	30 x top, 6 x top rear, 2 x bottom rear & 3 x bottom	24v, 4Ah	24v, 45Ah*

*1 x 24V 45Ah internal (max) and 1 x 24V 45Ah external (max) using optional battery enclosure

Order Codes and Options

Enclosure/Protocol	Apollo (XP95/Discovery) / Hochiki ESP	Apollo Soteria *	Argus Vega	Nittan Evolution
Standard	MX-5401	MX-5401A	MX-5401V	MX-5401N
Deep	MX-5401D	MX-5401AD	MX-5401VD	MX-5401ND
Extended	MX-5401E	MX-5401AE	MX-5401VE	MX-5401NE
19" Rack Mount	MX-5401R	MX-5401AR	MX-5401VR	MX-5401NR

* MXP-568 is required

Note: 1 loop card comes as standard. If more loops are required, please order 1 loop driver card per extra loop.

Part Code	Description
MXP-568	Loop driver card - Apollo, Hochiki, Argus Vega
MXP-567	Loop driver card - Nittan

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MxPro 5

2-8 Loop Fire Alarm Control Panel

TheMxPro 5 series is fully expandable from 2 to 8 loops and supplied with 8 onboard sounder circuits, 20 programmable Zonal LEDs with slide-in labels, and 25 System LEDs for information purposes. There are also 8 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 & click programming aid for engineer configuration and end-user operation.

Compatible with AdvancedLive (UK&I only), which is the fire panel monitoring solution that enables secure, easy, real-time management of an Advanced fire system.

Powerful cause-and-effect programming coupled with dynamic zoning and enhanced Trace Diagnostics makes 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-022 configuration software.

An extensive suite of user-friendly Windows-based PC software programs has been developed to enhance your experience when usingMxPro 5 series fire panels. The suite incorporates a number of different programmes to include a configuration, service and logo tool to allow greater flexibility of the equipment to be fully explored.

Simply adding a network card allows the panel to communicate with any otherMxPro 5/MxPro 4fire panel, remote terminal, or network peripherals, such as BMS or graphical interface. The network operates as a true peer-to-peer system and can be configured in a fault tolerant loop or radial format.



Features

- Connectivity to AdvancedLive (UK&I only), Ethernet on-board
- Fully expandable from 2 - 8 loops via plug-in loop driver cards
- 20 programmable Zonal / 25 System LEDs with slide-in labels
- 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 facility for ease of commissioning and fault finding
- Fully programmable via the onboard alphanumeric keypad, or PC configuration tools
- The graphical display can be configured to operate with virtually any language or character set and allow the installer's logo to be applied using the Logo application software
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination
- Integral P-Bus for system expansion via available option cards
- Advanced networking, peer-to-peer system, with up to 2000 zones

Approvals



- EN54-2:1997 +AC:1999 +A1:2006
- EN54-4:1997 +AC:1999 +A1:2002 +A2:2006
- EN 50130-4: 2011+A1:2014
- EN 55032:2015
- EN 62368-1:2014+A11:2017
- EN 62368□ 1:2020+A11:2020
- EN IEC 63000:2018
- EN 54-13:2017 (Pending)

Specification

Base Technology	Dual flash-based processors with real-time clock, trace diagnostics, programmable languages and character sets
Display	White backlit 240 x 64 graphical LCD (5.5 inches x 2.5 inches)
LED Indicators	22 red (1 x Fire, 1 x More Alarms, 20 x Zonal Programmable), 1 green (Power), 13 amber and 7 bi-colour (Fault & System)
Controls	Alpha numeric keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push Buttons
Protocols	Apollo (Soteria / XP95 / Discovery), Hochiki ESP, Argus Vega and Nittan Evolution
Number of Fire Zones	2000 when networked (400 max across 8 loops)
Number of loops	Dedicated 2-8 loop control panel
Devices per loop	Protocol dependent
Loop Current	500mA max per loop
On-Board Sounder Circuits	8 x 1 Amp programmable
On-Board Relays	4 x 1 Amp 30v AC/DC programmable (10mA, 5v min) - expandable to 8 using 2 x Mxp-507
Auxiliary Supply	2 x 24v 500mA 2
Programmable Input	2 x On-board Programmable Input
Programmable Key Switch Inputs	16 volt free digital inputs
Total Available Output Current	2 x 5A maximum available for loop current + sounder outputs + auxiliary supply
Mains Supply	200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A max
Charger Current	2 x 2.0A temperature compensated
Ethernet port	10-Base-T, 100-Base-T: Providing AdvancedLive connectivity (UK&I)
Serial ports	2 x on-board RS232 connection for PC, modem, IP or portable printer
USB Interface	2 x USB B type connection for PC communication
Programming	On-board keypad or PC running Windows tools
Event Log	2 x 5000 Event & Diagnostic + 500 Fire
Enclosure / Colour	Steel IP30 / RAL7035
Temperature	-5°C to 40°C
Humidity (RH)	95% Max
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure and rack mount

Dimensions and Capacity

	Dimensions	Cable Entry	Battery Capacity (internal)	
	H x W x D mm	**(20mm knockouts)**	**Min**	**Max**
Standard	750 x 450 x 190	30 x top, 6 x top rear, 2 x bottomrear & 3 x bottom	24v, 4Ah	24v, 45Ah*

*1 x 24V 45Ah internal (max) and 1 x 24V 45Ah external (max) using optional battery enclosure

Order Codes and Options

Network/Protocol	Apollo (XP95/Discovery) / Hochiki ESP	Apollo Soteria *	Argus Vega	Nittan Evolution
Standard	MX-5802	MX-5802A	MX-5802V	MX-5802N
Fault-Tolerant	MX-5802/FT	MX-5802A/FT	MX-5802V/FT	MX-5802N/FT

* MXP-568 is required

Note: 2 loops card come as standard. If more loops are required, please order 1 loop driver card per extra loop.

Part Code	Description
MXP-568	Loop driver card - Apollo, Hochiki, Argus Vega
MXP-567	Loop driver card - Nittan

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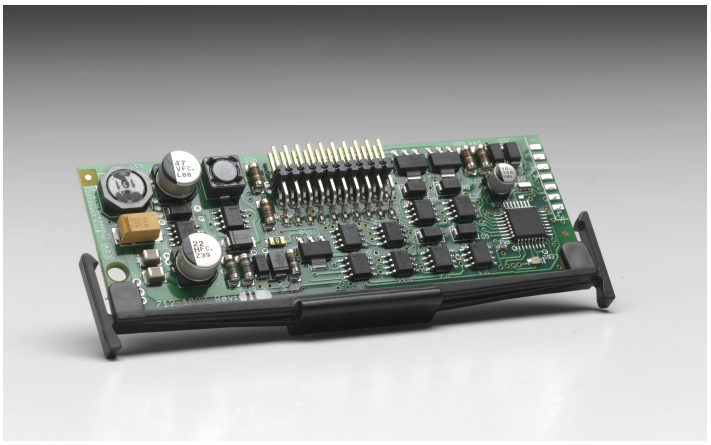
MxPro 5

Loop Driver Cards

The Loop Driver Card is designed for use with the MxPro 5 range of analogue addressable panels. It provides control and connection to detector loops.

The Loop Driver Card Mxp-568 can be used with Apollo, Hochiki or Argus Vega protocols.

The Loop Driver Card Mxp-567 can be used with the Nittan protocol.



Features

- Use with MxPro 5 analogue addressable panels
- Mxp-568 is compatible with Apollo, Hochiki and Argus Vega protocols
- Mxp-567 is compatible with Nittan protocol

Specification

Power Supply	24V DC
Protocols	Apollo XP95, Discovery, Soteria / Hochiki ESP / Argus Vega / Nittan Evolution
Devices per Loop (maximum)	Apollo (Soteria) 254 detector/call points per loop Apollo (XP95 & Discovery) 126 detector/call points per loop Hochiki 127 detector/call points per loop Argus 240 detector/call points per loop Nittan 249 detector/call points per loop
Loop Current	500 mA max

Order Codes and Options

MXP-568	Loop Driver Card - Apollo (XP95, Discovery, Soteria), Hochiki ESP and Argus Vega
MXP-567	Loop Driver Card - Nittan

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MxPro 5

Remote Display Terminal

The remote terminals utilise the same graphical LCD user interface that can be found on the MxPro 5 series fire panels and are based upon the same advanced, flash based, microprocessor technology.

The MxPro 5 panels and remote terminals can communicate over the same 2-core network cable.

They feature an integral network interface incorporating a special screen termination to prevent mains frequency earth-loop currents flowing between network nodes.

The Ad-NeT network operates as a true peer-to-peer system with full cross panel reporting, control and cause-and-effect functionality of up to 2000 zones.

All remote terminals incorporate buzzer mute, view, enable/disable and test facilities with dedicated system and navigation keys for simple user control.

The display information is fully programmable by individual zone or sector and can display any combination of fires, faults, pre-alarms or plant alarms. E.g. can display all information in its own sector, but can only show fire signals from other sectors of a building.



Features

- The RDT has additional control keys for Mute which allows other network panels' warning buzzer to be muted
- Fully on-site programmable via onboard alphanumeric keypad or PC configuration tools.
- View all information from across the network
- By using flash memory and an advanced graphical display, the remote terminals can be easily configured to operate in virtually any language, with any character set and allows for the installer's logo and company details to be displayed on the LCD during normal operation.
- Networked for system display or control
- Programmable switch input
- Graphical LCD display
- Ad-NeT/Ad-Net+ compatible
- Slide-in labels
- Small, robust and compact
- 24V DC operating voltage
- 3-year warranty
- Disable/enable options.

Specification

Display	White backlit 240x64 graphical LCD
LED Indicators	1 red (1 x Fire, 1 x Alarm), 1 green (Power) & 3 amber (Fault & System)
Keypad	Alpha numeric keypad, navigation keys & on-board buzzer mute facility
Controls	System keys for Mute
Key-Switch Input	Optional level 2 access enable key switch
Power Supply Input	24 VDC, 115mA (/FT: 150mA) operating range 15-30V
External Supply Monitoring	Monitored external fault input
Number of Fire Zones	2000
USB/Serial Ports	1 x USB
Programming	Via on-board keypad or PC running Windows tools
Enclosure	Steel IP30
Cable Entry	20mm knock-outs. 4 x top and 4 x rear
Colour	RAL 7035
Size H x W x D mm	Enclosure: 218 x 300 x 44 Back box only (when recessing) 218 x 300 x 30
Metalwork Options	Semi flushing bezel, special finishes including stainless & chrome

Order Codes and Options

MX-5010:	(RDT) Remote Display Terminal - Standard network
MX-5010/FT:	(RDT) Remote Display Terminal - Fault Tolerant network
MXM-521:	Semi-Flushing Bezel
MXM-543-BB:	Spare Back-Box
MXM-543-D1:	Spare Panel Cover
MXM-543-D2:	Spare Panel Cover with Key switch aperture

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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.

MxPro 5

Remote Control Terminal

The remote terminals utilise the same graphical LCD user interface that can be found on theMxPro 5 series fire panels and are based upon the same advanced, flash based, microprocessor technology.

TheMxPro 5 panels and remote terminals can communicate over the same 2-core network cable.

They feature an integral network interface incorporating a special screen termination to prevent mains frequency earth-loop currents flowing between network nodes.

The Ad-NeT network operates as a true peer-to-peer system with full cross panel reporting, control and cause-and-effect functionality of up to 2000 zones.

All remote terminals incorporate buzzer mute, view, enable/disable and test facilities with dedicated system and navigation keys for simple user control.

The display information is fully programmable by individual zone or sector and can display any combination of fires, faults, pre-alarms or plant alarms. E.g. can display all information in its own sector, but can only show fire signals from other sectors of a building.



Features

- The RCT has additional sector based control keys for Silence, Mute, Resound and Reset, which allows other networked panels to selectively respond to controls as programmed. E.g. on a site with multiple buildings, a user may be allowed to silence and reset fires originating in their own building. Fires originating from other buildings are displayed but cannot be reset.
- Fully on-site programmable via onboard alphanumeric keypad or PC configuration tools.
- View all information from across the network
- By using flash memory and an advanced graphical display the remote terminals can be easily configured to operate in virtually any language, with any character set and allows for the installer's logo and company details to be displayed on the LCD display during normal operation.
- Networked for System Display or Control
- Programmable switch input
- Graphical LCD display
- Ad-NeT/Ad-NeT+ compatible
- Slide-in labels
- Small, robust and compact
- 24V DC operating voltage
- 3-year warranty
- Disable/enable options

Specification

Display	White backlit 240x64 graphical LCD
LED Indicators	2 red (1 x Fire, 1 x Alarm), 1 green (Power) & 3 amber (Fault & System)
Keypad	Alpha numeric keypad, navigation keys & onboard buzzer mute facility
Controls	System keys for Mute, reset, Silence, Resound
Key-Switch Input	Optional level 2 access enable key switch
Power Supply Input	24 VDC, 115mA (/FT: 150mA) operating range 15-30V
External Supply Monitoring	Monitored external fault input
Number of Fire Zones	2000
USB/Serial Ports	1 x USB
Programming	Via onboard keypad or PC running Windows tools
Enclosure	Steel IP30
Cable Entry	20mm knockouts. 4 x top and 4 x rear
Colour	RAL 7035
Size H x W x D mm	Enclosure: 218 x 300 x 44 Back box only (when recessing) 218 x 300 x 30
Metalwork Options	Semi flushing bezel, special finishes including Stainless & Chrome

Order Codes & Options

MX-5020:	(RCT) Remote Control Terminal
MX-5020/FT:	Fault tolerant version
MXM-521:	Semi-Flushing bezel
MXM-543-BB:	Spare Back-Box
MXM-543-D1:	Spare Panel Cover
MXM-543-D2	Spare Panel Cover with Key Switch aperture

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MxPro 5

Large Remote Control Terminal

The remote terminals utilise the same graphical LCD user interface that can be found on theMxPro 5 series fire panels and are based upon the same advanced, flash based, microprocessor technology.

TheMxPro 5 panels and remote terminals can communicate over the same 2-core network cable.

They feature an integral network interface incorporating a special screen termination to prevent mains frequency earth-loop currents flowing between network nodes.

The Ad-NeT network operates as a true peer-to-peer system with full cross panel reporting, control and cause-and-effect functionality of up to 2000 zones.

All remote terminals incorporate buzzer mute, view, enable/disable and test facilities with dedicated system and navigation keys for simple user control.

The display information is fully programmable by individual zone or sector and can display any combination of fires, faults, pre-alarms or plant alarms. E.g. can display all information in its own sector, but can only show fire signals from other sectors of a building.



Features

- The RCT has additional sector based control keys for Silence, Mute, Resound and Reset, which allows other networked panels to selectively respond to controls as programmed. E.g. on a site with multiple buildings, a user may be allowed to silence and reset fires originating in their own building. Fires originating from other buildings are displayed but cannot be reset.
- Fully on-site programmable via onboard alphanumeric keypad or PC configuration tools.
- View all information from across the network
- By using flash memory and an advanced graphical display the remote terminals can be easily configured to operate in virtually any language, with any character set and allows for the installer's logo and company details to be displayed on the LCD display during normal operation.
- Fully programmable push buttons for remote isolation, class change or general alarms. compatible with a wide range of routing equipment.
- Networked for System Display or Control
- Programmable switch input
- Graphical LCD display
- Ad-NeT/Ad-NeT+ compatible
- Slide-in Labels
- Small, robust and compact
- 24V DC operating voltage
- 3-year warranty
- Disable/enable options

Specification

Display	White backlit 240x64 graphical LCD
LED Indicators	2 red (1 x Fire, 1 x Alarm), 1 green (Power) & 18 amber (Fault & System)
Keypad	Alpha numeric keypad, navigation keys & on-board buzzer mute facility
Controls	System keys for Mute, reset, Silence, Resound & Evacuation
Key-Switch Input	Optional level 2 access enable key switch
Power Supply Input	24 VDC, 115mA (/FT: 150mA) operating range 15-30V
External Supply Monitoring	Monitored external fault input
Number of Fire Zones	2000
USB/Serial Ports	1 x USB & 1x RS232
Programming	Via on-board keypad or PC running Windows tools
Enclosure	Steel IP30
Cable Entry	20mm knock-outs. 4 x top and 4 x rear
Colour	RAL 7035
Size H x W x D mm	Enclosure: 263 x 300 x 42. Back box only (when recessing) 263 x 300 x 30
Metalwork Options	Semi flushing bezel, special finishes including stainless & chrome

Order codes and Options

MX-5030:	(RCT)Remote Control Terminal c/w Programmable Push Buttons and LEDs
MX-5030/FT:	Fault Tolerant version
MXM-509:	Semi-Flushing bezel
MXM-544-BB:	Spare Back-Box
MXM-544-D1:	Spare Panel Cover
MXM-544-D2:	Spare Panel Cover with Key Switch Aperture

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