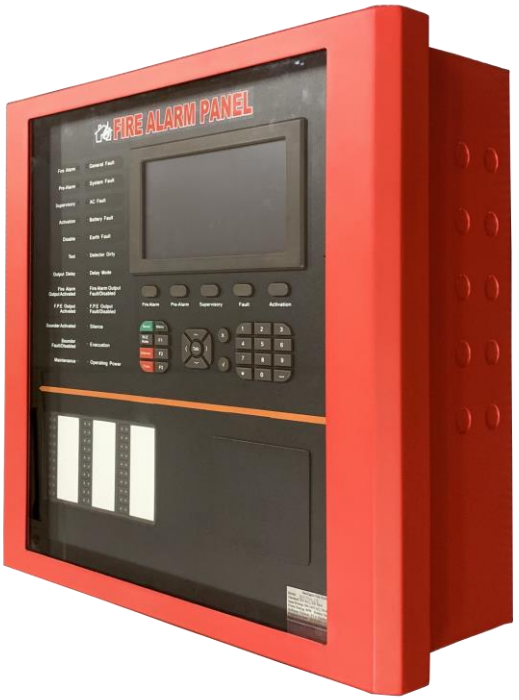
MULTRON®

MX Series
Intelligent Fire Alarm Systems

MX700 Series Panels

MX704-1S *(1-Loop Panel)*
MX704-2S *(2-Loop Panel)*

INTELLIGENT ADDRESSABLE FIRE ALARM CONTROL PANEL

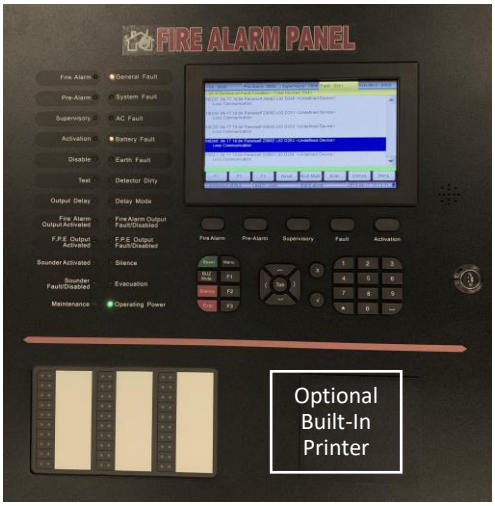


Overview

The MX700 Series Panels comprise of a range of Analogue Addressable, Microprocessor based Fire Alarm Control Panels to offer flexibility in both design and operation.

The System is modular concept for ease of system design to meet the full requirements of the project.

The MX700 series Intelligent Fire Alarm Control Panels are designed and manufactured to meet the requirement of BS EN54 Part 2&4.



Typical Facial Layout

Features and Benefits

- Compliance EN54-2 & EN54
- Using advance microprocessor technology with large memory capacity
- Enhance user interface combining LCD Touch Screen and Keypad Access
- Support real time visual algorithm
- Enhance false alarm prevention
- Keypad and PC programming
- Support Multiple interface protocol such as USB / Ethernet / Can-Bus / Serial / RS485 / Fibre Optic
- Support Loop Powered Devices for extra saving on cabling cost
- Built-In Printer ***(Optional)***
- 30 LED Zone Indicators

System Capacity

- 1-Loop and 2-Loop Panel
- Support 254 Devices per Loop
- Network up to 512 Node
- Programmable Capacity
- Zones up to 3000
- Sounders Groups 1-1000
- Other Groups 1001- 2000
- Built-in 30 LED Zone Indicator

Commissioning Advantage

- Auto Enrolling of Devices
- Monitor device mismatch and dual address conflict
- Command Builder to create requirements for fire event scenario
- With Loop protection against power surge
- One-man test with On/Off sounder
- Programming Protection

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Version : 19-08-2019

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Technical Specifications

Standards	EN54-2 & EN54-4	
Product model	**MX704-1S**	**MX704-2S**
Number of Loop	**1-Loop, Class A**	**2-Loop, Class A**
Input Voltage	240VAC +10% -15%, 50/60Hz	
Input Current Consumption	1 A	
Panel Rating	24VDC	
Standby Battery Capacity	2 x 12V 12AH - Sealed Lead Acid Battery *(Based EN54-4 capacity for 24hrs Standby + 30mins Alarm)*	
Inter-Panel Communication	Can Bus [loop]	
Max. Network Panels	512	
Interface Port	USB / RS485 Serial / RS232 Serial / Ethernet	
Memory [Non-Volatile]	1000 Fire Events / 10,000 General Event	
Zones	3,000 programmable	
Total Group - **Sounder Group** - **Common Group**	3,000 programmable 1,000 programmable 2,000 programmable	
Protocol/Addressing	Proprietary / Value range from 1 to 254	
Loop Length / Cabling	Recommended ≤ 1.0km Length / 1.5mm² Twisted Pair Cables	
Protection	Built-in 4kV Surge protection	
Loop Current Rating	24Vdc / Max. 450mA Per Loop	
Programmable Relays	2 Circuits : Normally Open/Close	
Programmable Input	1 Circuit: Power limited 24Vdc (for future use)	
Programmable Auxiliary Power	24 VDC (Note: Current Limited)	
Fixed Outputs	1 Circuit: 24 VDC (Note: Current Limited)	
Indicator	24 LED Status / 30 Zone Indicators	
Display	7" TFT Touch Screen	
Keypad	5 User buttons and Programming Keypad	
Material / Colour	Steel with Window Outer Door / Red with Black facial	
Dimension	460mm (Length) x 170mm (Width) x 470mm (Height)	
Estimated Weight	15kg (without Battery)	
Humidity	0 to 95% Relative Humidity, Non condensing	

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