

➤ MB 200 Series



The MB 200-Series offers sophisticated features required of a leading-edge conventional fire alarm control panels, while meeting the demand for simple operation and installation requirements of both installers and building users.

The MTECH MB 200 conventional fire alarm control panels are available as 2, 4 and 8 Class B zone. It offers a vast variety of functional features that makes it a highly flexible, cost effective and powerful fire alarm control panel. The MB 200 Range conforms to and is capable of interfacing with leading conventional fire detection accessories and devices, by Cooper*, Apollo, Hochiki, System Sensor and others.

The MB is compatible with conventional input devices such as smoke detectors, manual pull stations, water-flow devices, tamper switches and other normally-open contact devices. It can set off the audible and visual signaling devices of compatible smoke detectors or any normally-open fire alarm initiating modules when activated.

The MB comes standard with a 4.5 amp (also available in 6.5 amp), a 24Vdc smart power supply, and a vast variety of functional features with four Class B notification appliance circuits (NAC), three programmable relays, dedicated alarm and trouble relays, RS485 port and optional RS232 port. The NAC protocol is capable of programming outputs, and silence audible devices while strobes continue to flash using a single pair of wires. MTECH also offers a remote annunciator panel expansion module, the MA-1050, designed to interface with the MB fire alarm control panel.

***The MB also offers an integration capability, allowing it to work in cooperation with Cooper devices to enable cross-detector alarms in each of the zones. It also offers a cross zone between the zones for sophisticated functionality, and can provide Supervisory notification. The call-point can perform a cross-zone overwrite.**

Features:

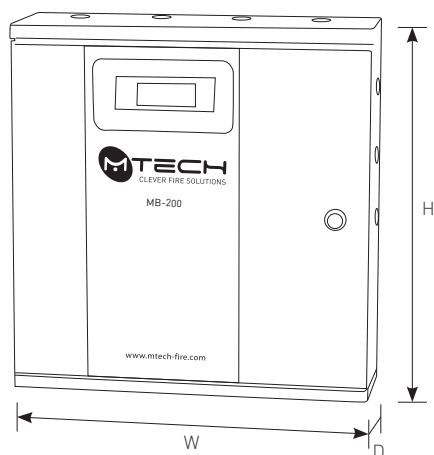
- 2, 4 and 8 zone panels Class B (Style B) with supervised zone expanders and I/O modules that can be mounted remotely from the main control panel
- Event history buffer (up to 250 events) with a date/time stamp
- Six selectable/programmable output patterns for NACs
- Real time clock
- Maintenance trouble notification
- Cross detection alarm in the zone, MCP overwrite
- Four programmable NACs
- Three programmable relays
- One dedicated alarm relay
- One dedicated trouble relay
- RS485 ports, optional RS232
- Work with remote annunciator
- Built-in walk test
- A viewing port in the keyed panel enclosure door to show the system status LEDs and LCD displays
- 24Vdc power supply, 4.5 amp (6.5 amp optional)

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Panel Specifications:

Model	MB-202	MB-204	MB-208
Standards	Approved to UL 864 9th Edition		
Number of zones	2	4	8
Detectors per zone	20		
Panel sounder circuits	4 O/P NACs		
Programmable relays (NAC/OPs)	3	3	3
Alarm relay	1	1	1
Trouble (fault) relay	1	1	1
Mains input voltage	110/230 V AC		
System operating voltage battery	24Vdc Up to Two 12V 12Ah		
Power supply	24Vdc, 4.5 amp (optional 6.5 amp)		
Cable entries	4 Top Entry, 11 Right Side, 2 Left Side		
End of line resistor	4K 7 or EOLM		
Environmental Rating	0°C-49°C , 95% RH (non condensing)		
Color	Red		
Weight	7 Kg		

Dimensions:



W	H	D
370 (mm)	393 (mm)	112 (mm)

Order Codes:

MB-200 Range	Conventional Fire Alarm System
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