



MTEch's MB 200 series of Conventional Fire Alarm Control Panels includes three products: MB 202, MB 204 and MB 208, with 2, 4 and 8 Class B zones respectively.

MB control panels are compatible with conventional input devices such as smoke detectors, manual

pull stations, water-flow devices, tamper switches, and other normally-open contact devices.

They are simple to install and operate, and provide a flexible, cost-effective solution for projects that require conventional systems.

System Functionality:

- 2-wire connection per zone
- 2-wire connection for repeaters and ancillary boards
- Come with four Class B notification appliance circuits (NAC), programmable relays, dedicated alarm and trouble relays, multiple ports and NAC protocol capable of programming outputs
- Ability to silence audible devices straight from the panel, while strobes continue to flash
- Call-point can perform cross-zone overwrite
- Build-in device programmer
- Improved protection against false alarms (in case of ground fault or loud noise)
- Can integrate with Eaton devices to create sophisticated cross-zone functionality
- Panels comply with NFPA Standard 72, and listed by Underwriters Laboratories under the UL864 10th Edition
- Approved as Releasing Panels according UL 864 10th Edition and NFPA 2001 requirements

Features & Benefits:

- Simple installation and integration
- Includes maintenance notifications
- Compatible with wide range of detection devices including Eaton products
- Cross-detection alarm in the zone
- Can be programmed on site or by using the MTEch site installer software on PC

Technical Specifications:

Code	MB-202	MB-204	MB-208
Description	Conventional Fire Alarm Control Panel, UOJZ.S36158		
Extinguisher	Water and Agent Releasing Support SYZV.S36158		
Standards	UL864 10th Edition, SII1220 and TR TC EAC 043-2017		

Specification

Panel Display	2-line x 16-character LCD, multilingual support		
Panel Keyboard	Full numeric keyboard, Reset, Silence, Forward, ESC, Enter		
Panel Indication	LED indication: AC, Alarm, Trouble, Silence, Supervisory		
Sound	Internal alarm sounder		
Number of Loops	2	4	8
Devices Per Zones	20		
Output Ports	RS485		
Network	LNET/RS-485 - for communication with remote annunciator MA-1050A		
	LNET/RS-485 - for communication with analog addressable system up to 32 conventional MB-202, 204 and 208 panels		
	LNET/RS-485 - for communication with analog addressable MA fire alarm panels		
Event History	Buffer for 250 events with date and time stamp		
Service	Built-in walk test		

Power

Input Voltage	Input 120VAC /230VAC; 50/60Hz
Operated Voltage	24VDC 6.5A
Battery	Two 12V up to 20Ah

Output

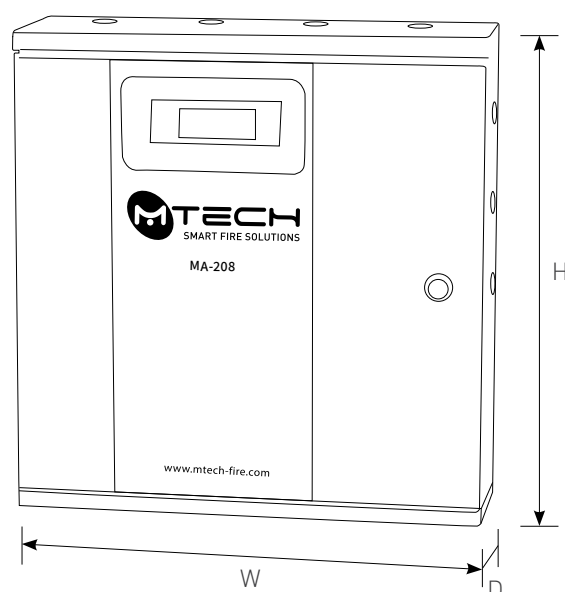
Panel NACs	4 O/P NACs (600mA)
Panel Relays	Alarm (1), Trouble (1), Programmable (3)
Initiating End-of-Line Resistor	Zone, 4.7K Ohms 1/2W 5%, NAC, 10K Ohms 1/2W 5%

Physical

Environmental Operating Temperature	0 - 49°C
Humidity (Non-Condensing)	0 - 93% RH
Physical Construction	Metal box
Color	RAL 3000
Weight	7 kg
Ingress Protection	IP31
Cable Entries	top (4), right (11), left (2)

Compatibility

Suitable for Use With	MA-1050A Remote Annunciator
	MTech Analog Addressable Fire System
	MA-Monitoring Graphical Management Software



Dimensions:

W. 370 mm | H. 393 mm | D. 112 mm



Order Code:

MB-202	(2- Zone, English version)
MB-204	(4- Zone, English version)
MB-208	(8- Zone, English version)
MB-202RUS	(2- Zone, Russian version TR TC EAC)
MB-204RUS	(4- Zone, Russian version TR TC EAC)
MB-208RUS	(8- Zone, Russian version TR TC EAC)