

# MPC-1000 Analog/Addressable Fire Alarm Control Panel

The MPC-1000 is an advanced modular fire alarm panel. It features analog/addressable detection, programming, and memory capability. Its base configuration includes one analog/addressable loop, with four notification appliance output circuits.

Operating controls and indicators are mounted behind a locked cabinet door and an 80-character LCD display provides specific indications for addressable devices, while LEDs indicate general panel status.

Features include:

- One analog addressable SLC (198 pts.)
- Four NACs, style "Y" (class B) or style "Z" (class A)
- 3A, 24 Vdc power supply
- 80 character, backlit LCD with custom labeling
- Fully field programmable via PC, removable keypad and one button configure programming
- 500 event history log in non-volatile memory
- Dynamic "Quick Test" functions:
  - Audible or silent
  - Alarm override
  - Auto time-out selectability
  - Distinct testing time-out signal
  - Programmable by zone
- Zone coding
- Sensor drift compensation

The Faraday MPC-1000 is a low cost alternative for applications that require a single analog/addressable loop.



**MPC-1000**

**FARADAY**

Your Complete Systems and Signaling Solution

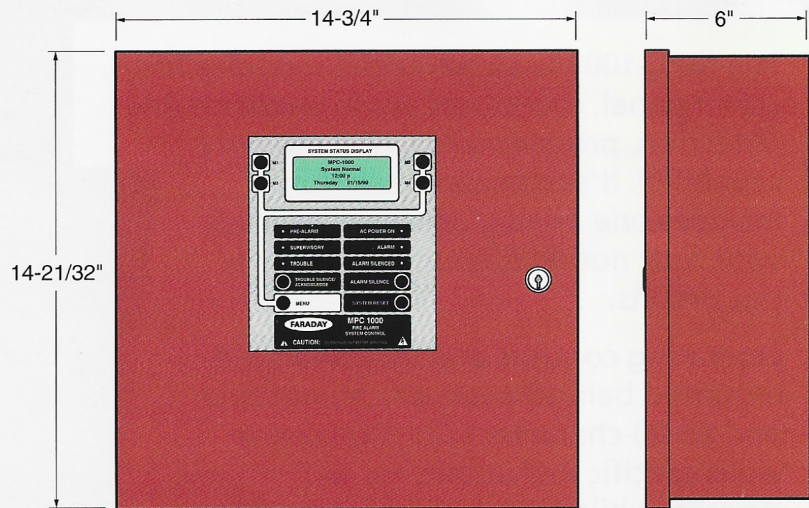
# MPC-1000 System Features and Options

## ■ Base System Configuration

- One loop analog addressable (198pts.),
- 3A, 24 Vdc power supply (2A for NACs)
- Four NACs, style "Y" (class B)
- RS-232 and RS-485 communication
- Three form "C" relays for alarm, trouble and supervisory failure indications
- Resettable and auxiliary power up to 0.9 amp.
- Built in battery charger

## ■ Base System Features

- Sensor drift compensation
- Positive alarm sequence (PAS) and pre-signal delay per NFPA 72
- Real time clock & calendar
- Multilevel key & assignable password access
- 80 character, backlit LCD with custom labeling, illuminates upon any system function or key activation
- 500 event historical log
- Selectable auto silence & silence inhibit timers
- Selectable reset inhibit timer
- Display of current sensor % obscuration
- Point sensitivity adjustment & day/night mode
- Sensor maintenance alert & pre-alarm output
- Alarm verification selections & tally counters
- Water flow and supervisory point monitoring.
- Quick poll scheme for manual station response
- Drill, recall, general alarm and tornado alarm operations, programmable by zone
- Trouble reminder feature
- Automatic demand rate charger for up to 60 hr. of standby battery power
- Sensor LED scan off control for sleeping areas
- Program configuration checking with dual address protection and device type confirmation
- PC up/download program provides error checking with confirmation, validation and compare functions
- Automatic daily and on demand sensor testing
- One man "Quick Test" function available in both silent or audible modes
- System on line processing of fire alarm conditions during both "Quick Test" and PC operations
- Remote ack/silence/reset/drill/recall functions



Dimensions - Wall mount enclosure

## ■ Programming Features

- Multilevel password protection
- NAC's programmable for steady, mtb, temporal, California & four additional custom formats
- Wild card inputs for non-alarm functions
- Programmable zone coding
- Time & date based programmable automatic functions.
- Field programmable via PC or removable keypad
- One button auto-configure programming
- Dynamic "Quick Test" functions:
  - Audible or silent
  - Alarm override
  - Auto time-out selectability
  - Distinct testing time-out signal
  - Programmable by zone

## ■ Optional Features

- Digital Alarm Communicator Transmitter (DACT)
- Semi-flush mounting

The information provided is only a summary and is subject to change without notice. Contact the manufacturer for the latest information.

ISO 9001  
Certified

**FARADAY**

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