

# FireOne MP2

## Digital Pyrotechnic Control Panel for Manually Fired Displays

The **MP2**, **FireOne's** manual digital control panel, is a technological giant masquerading as a mild mannered manual firing panel. Powerful yet inexpensive, this control panel is deceptively easy to operate while providing powerful features not found in other manual control panels. **The MP2** is totally compatible with **FireOne's** revolutionary 2-Wire-Wireless systems. **The MP2** further expands **FireOne's** exclusive **2-Wire-Wireless technology** into a small compact (27cm/10.6" x 24.6cm/9.7" x 17.5cm/6.9") package.



**The MP2** operates in four distinct modes: Manual, Preset, Autostep and Wireless. Manual, the most basic mode, makes **the MP2** the ideal panel for the day-to-day requirements of manually fired displays. Preset and Autostep modes provide experienced users with exceptional programming tools. All modes can take advantage of **FireOne's** wireless capabilities.

**FireOne** is the pioneer in integrated digital firing systems and is recognized worldwide as **THE world-class firing system**. As the technology leader, **FireOne** products are acclaimed for their precision and reliability. **FireOne** set the Guinness world record for fireworks displays, and is the choice of fireworks professionals for stage shows, touring groups, motion pictures, theme parks and aerial displays.

With clients in Argentina, Armenia, Australia, Austria, Bahamas, Bermuda, Brazil, Canada, Columbia, Cyprus, Denmark, Dominican Republic, Finland, France, Germany, Greece, Guatemala, Hong Kong, Hungary, Israel, Italy, Japan, Korea, Latvia, Malaysia, Malta, Mexico, Netherlands, New Zealand, Philippines, Portugal, Russia, Seychelles, Singapore, South Africa, Spain, Taiwan, Thailand, Turkey, U.A.E., United Kingdom, United States, Venezuela, Virgin Islands, Wales, and many other locations, **FireOne** is the worldwide standard in firing systems.

**As you read this, somewhere in the world a FireOne system is firing a display.**

### MP2 Features

- Two independent outputs provide extreme redundancy
- Hybrid operation-Wired/Wireless or both
- LCD display for status and programming
- LED and membrane switch technology
- Multiple microprocessors for added reliability
- Multiple modes of operation
  - Manual mode (29 modules, 928 cues)
  - Preset mode stores 32 individual firing sequences
  - Autostep mode stores 32 individual timed sequences
  - Wireless mode provides total wireless control
- Multiple power modes
  - 100- 250 VAC operation
  - Internal battery operation
  - External battery operation
- Electrically isolated inputs and outputs
- Deadman "dump" or "pause" support
- Intelligent battery protection circuitry
- Noise immunity circuitry for harsh environments
- 2-Wire operation supports 29 field modules (928 cues)
- Wireless operation supports unlimited field modules
- Each output supports 20 field modules
- Short circuit monitoring on each output
- Auto testing on power up
- Precision firing to a resolution of .02 seconds
- Internal memory stores multiple firing sequences
- Self contained automatic operation
- Field modules provide 24 volts at 5 amperes on each of 32 cues
- Lightweight and portable, 15 pounds

**"FireOne's MP2 is the most affordable digital control panel, offering more features per dollar than any other firing system on the planet."**

Visit Our Website: [www.fireone.com](http://www.fireone.com)

# 2-Wire and Wireless

## Simultaneous Wired and Wireless Operation

When your plan requires wired or wireless configuration, **FireOne** is the system of choice. And when your plan requires wired AND wireless operation simultaneously, **FireOne** is your system of choice. **FireOne's** attributes and capabilities are consistent, whether wired or wireless, with operational distances measured in miles and kilometers and firing precision measured in microseconds. There's nothing like it in the pyrotechnics industry.



**FireOne's** world-wide technological leadership is built upon a solid foundation of integrated components that comprise, without exception, the world's most technologically advanced firing system. That's not our opinion, it's our customers'. The unprecedented electronics design that embodies **FireOne's** hardware is cutting edge technology. Improved and honed year after year and month after month, every generation of hardware remains compatible.

**FireOne** is utilized in the most demanding environments, both wired and wirelessly, with consistent outstanding results.

**The FireOne system can be operated with two conductor lamp cord, speaker wire, and totally wireless. FireOne never requires connectors or expensive cabling.** Cut operational and acquisition costs 90% by eliminating expensive cable and connectors, while minimizing wireless operating costs, thanks to **FireOne's** advanced rechargeable battery systems.

**FireOne** control panels are equally proficient controlling one firing module with 32 cues, as they are controlling multiple firing modules with thousands of cues. Add wireless firing modules to the mix and the same control panel will operate everything. Add additional wireless control panels and the original control panel will test, fire and control all modules and all control panels concurrently.

The resultant network will simultaneously and seamlessly control all wired and wireless components of the system from one convenient location. **Only FireOne** is proficient at both extremes with the same basic equipment. All **FireOne** control panels can communicate wirelessly to other **FireOne** control panels and wireless firing modules. **FireOne's** building block approach makes it an attractive choice for professionals, whether controlling small stage shows or the world's largest record setting displays.



**FireOne Digital Firing and Choreography System**

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