

# FireOne XLII+

## Digital Pyrotechnic Control Panel for Small to Medium Displays

The **XLII+** is a dual output digital control panel that includes all the field proven features of **FireOne's** successful line of hybrid controllers. Light and portable, **FireOne's revolutionary 2-Wire and Wireless technology** set the standard for digital firing systems. **FireOne's exclusive 2-Wire-Wireless technology**

empowers users to deploy the **XLII+** for wired or wireless operation, or both simultaneously. FireOne's proprietary technology provides reliable operational distances measured in miles and kilometers. **FireOne's XLII+** is the best of both worlds, whether firing a small display or a world-class display.



**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.**

### **XLII+ 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 control inputs provide flexibility
  - Pushbutton manual control
  - Serial computer control
  - USB computer control
  - Time code/GPS control
- Multiple operation modes
  - Manual Mode 1248 cues, 39 field modules
  - SemiAuto operation/priority lockouts
  - Automatic operation/priority lockouts
  - Mixed Mode (automatic & manual)
  - Computer operated mode
- 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 39 field modules
- Wireless operation supports unlimited field modules
- Universal time code input
- Audible time code monitoring
- "Ultrafire" operation provides microsecond accuracy
- Each output supports 20 field modules
- GPS operation provides satellite communications (optional)
- Automatic short circuit monitoring
- Auto testing on power up
- Internal memory stores up to eight individual fire files
- Self contained or full computer support
- Field modules provide 24 volts at 5 amperes on each of 32 cues
- Lightweight, portable, extreme ease of use

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**

Pyrotechnics Management, Inc.  
863 Benner Pike, Suite 100, State College PA 16801 U.S.A.  
Telephone: 814-238-5334

[www.fireone.com](http://www.fireone.com)