

FIREMASTER PLUS V



TECHNICAL DETAILS

Maximum number of remote units (EXT6K)	9999
Maximum number of lines per remote unit (RX 6000)	480 (20 EXT6K, 24 lines each)
Maximum number of lines per system	239.976
Communication mode	NBFM
Communication speed	1200 BAUD
Communication mode	Bidirectional WIRELESS communication
Average radio coverage range	up to 10 Km (depending on location)
Automatic digital transmission correction	Yes (3 attempts)
Microcontroller	4 (8 - 16 and 32 BIT)
Central processing unit (CPU) speed	80MHz
USB	2 USB 2.0 ports
RS-485	Yes
WLAN	Yes (optional)
LAN	Yes
Data storage capacity	4 GB
Firing system	With capacitive discharge
Firing voltage	12V or 24V (customizable)
Batteries	Up to 3 lead-acid 12V batteries (same model)
Charger	Internal - automatic
TX6000 control unit Display	Graphic - color 800x480
TX6000 control unit Touch Screen	Yes - resistive
Audio synchronization	Yes, via audio tones or SMPTE
Show uploading	Direct - USB flash drive
Remote unit and line control	Automatic verification
Remote unit waterproof protection	Yes
TX6000 control unit waterproof protection	Yes (with cover closed)

**NEW
CONCEPT**

**GUARANTEED
RELIABILITY**

**MANAGE UP TO
480
LINES PER UNIT**

**ADAPTABLE
OPEN
EXPANDABLE**

**INFINITE
POSSIBILITIES**

**STAND-BY
MODE**

COMPATIBLE WITH:

The best fireworks show creation and management software, including Finale3D, ShowSim, Infinity Visions.

**HIGHEST
COMPATIBILITY**

Info and Sales Office:

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THE MOST RELIABLE AND POWERFUL WIRELESS FIRING SYSTEM IN THE WORLD

FIREMASTER PLUS V

Thirty years of evolution, to provide you with unparalleled reliability, power, and speed.

Introducing the Firemaster Plus V, the most reliable and powerful wireless firing system in the world.

As pyrotechnics professionals, we know that today's needs for gigantic and complex multimedia shows require firing systems with extremely high performance, functions, and capabilities never seen before.

With the Firemaster Plus V, we welcome you to a world of infinite possibilities.



Unleash the power of the next-generation firing system.

The FIREMASTER V SYSTEM maintains the high quality and reliability of previous models, but both hardware and firmware have been completely redesigned to create a truly new product that meets the current needs of the contemporary pyrotechnician.

www.firemasterplus.com

TX6000

Powerful. Reliable. Limitless.

Are you ready to take your fireworks displays to the next level? With the FIREMASTER PLUS V, you can do more, much more. Thanks to its main console TX6000, completely manageable in a simple and intuitive way, you will be able to control every aspect of your show, from the first to the last line, from small events to international shows.

All in one case!

The TX6000 control system is robust, compact, lightweight, and versatile: the ideal tool for managing any type of show, even in tight spaces.

The reliability of FIREMASTER PLUS V has been tested in many different situations and environments, ensuring the safety and stability of the system at all times. And with the high-definition LCD touch screen, interacting with the system becomes even more fluid and natural.

Flexible. Versatile. Autonomous.

Pyrotechnic performances require maximum control and reliability, and the RX6000 receiver system has been designed to provide exactly that. With its ability to manage up to 480 firing lines and its flexibility in show configuration, the RX6000 allows you to manage even more spectacular pyrotechnic displays.

Each RX6000 is equipped with 4 outputs, which carry both the signal and the electrical charge to small Extension Units. Thanks to the LCD display and functional buttons on the panel, the correct wiring of the EXT6K can be checked and each firing line of the loaded show can be QUICKLY tested on each RX6000.

**STAND-BY
MODE**

The system is equipped with a STAND-BY mode, which can be activated or deactivated from the TX6000 (therefore manageable even remotely), or from each individual RX6000, in order to limit battery consumption as much as possible and ensure up to 48 hours of continuous operation.

**UP TO
10 KM**

With a range of up to 10 Km, the RX6000 receiver can be remotely operated and managed from the transmission console.

RX6000



Interested in the Firemaster Plus V? Get in touch with us now via WhatsApp at +39 0425 89035 to learn more.

ETX6K

An astounding number of lines for your show.



ETX6K extensions are the perfect accessory to complete your RX6000 receiver system. Built in a small and sturdy metal box (280 x 50 x 90 mm), they can handle up to 24 independent firing lines, with LED indicators on the front panel for easy connection visualization.

On the side there is a POM plate with 2 series-connected 4-pole female connectors, while on the bottom there is an M6 metal insert for possible fixing. **ETX6K DOES NOT HAVE AN INTERNAL BATTERY**, but receives the necessary charge to the internal circuits and the firing **DIRECTLY** from the RX6000 units.

FAST, REALLY

A special circuit **DOUBLES** the voltage by charging the capacitors at 24V and keeping the value **CONSTANT** until the moment of firing **WITHOUT** requiring virtually any additional energy from the RX6000. Only when the ETX6K is put into **FIRE** mode from the TX6000, the capacitors reach 24V in less than 3 seconds. When the connection cable is removed, within 2 seconds, a dedicated circuit **DISCHARGES** the capacitors and the Extension immediately becomes a **TOTALLY PASSIVE DEVICE**, allowing it to be transported and managed with the igniters **ALREADY CONNECTED**. The connections with the igniters can therefore be prepared well in advance of the work in the field and the entire system can be positioned in the firing location **ALREADY WIRED**, with immense time savings!



TX6000



RX6000



The ETX6K are connected to the RX6000 via a special cable equipped with waterproof 4-pole connectors.



ETX6K

UP TO 9999 UNITS

You can connect a single ETX6K (24 lines) to the RX6000, or up to 5 ETX6Ks per output, for a total of 20 ETX6Ks and 480 lines.

Up to 500 RX6000s (9999 ETX6K Remote Units) can be used at the same time with 1 TX6000, for a maximum of 239,976 independent lines!

You can address the ETX6Ks as you like, numbering them in groups of 20 for each RX6000. For example, one RX6000 can manage ETX6Ks from 1 to 20, a second RX6000 can manage ETX6Ks from 21 to 40, and so on.

From a company with over 100 years of history

holding Guinness World Records and with tens of thousands of shows produced all over the world



employs the most advanced technologies to produce world-class events with high levels of complexity, and has achieved its greatest successes thanks to the FiremasterPlus System.

www.firemasterplus.com