

ptx system

control your show!

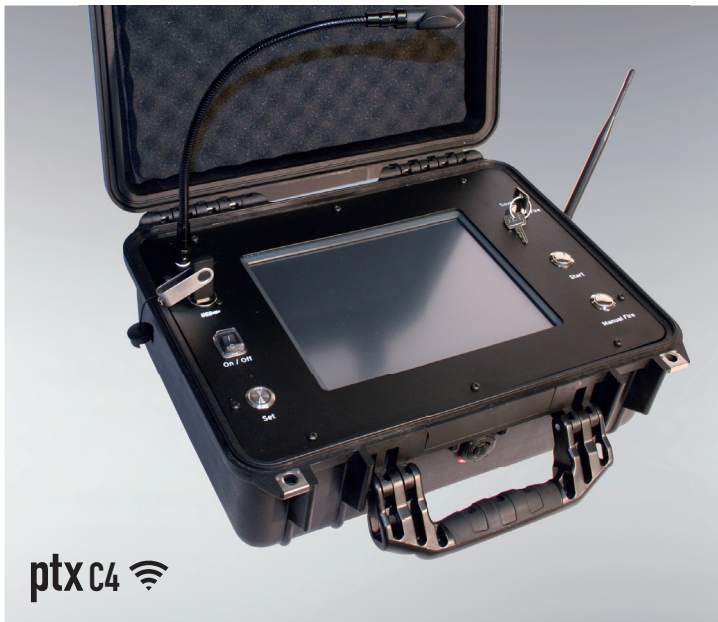
Cable and wireless
systems combined



The Show And Effects LLC, Shopping Festival Dubai 2013

Pyrotronix GmbH | Show Control Systems
Pixeler Str. 49 | 33378 Rheda-Wiedenbrück | Germany
info@pyrotronix.de | www.pyrotronix.de
T +49 (0)5242 5785955 | F +49 (0)5242 5785953

pyrotronix



A multi purpose controller which is great for firework displays as well as stage, theatrical, and special effects.

- Provides cable-based and wireless communication at the same time
- Large illuminated touchscreen display
- 3200 firing cues
- 3200 outputs adressable
- Integrated radio transmitter, 1000m radio range
- 16 different radio channels selectable
- Automatic and manual mode
- DMX Control
- Timecode SMPTE 24/25/30
- Timecode Generator SMPTE 24/25/30
- Internal power supply with high-powered Li-Io battery
- Radio range test for all radio units
- Bidirectional (2 way) communication
- Monitoring of battery power
- Resistance measurement (Ω) for each output
- 24 safety zones
- 24 spare cues programmable
- All menus are available in different languages
- Important information and descriptions are clearly displayed on screen
- programmable via touchscreen display or by loading showfiles from a USB drive
- Easy to use
- The units are designed for reliable performance outdoor and indoor.
- IP64

ptx c4



Fully functional and easy to handle controller.

- Provides cable-based and wireless communication at the same time
- Illuminated display
- 3200 firing cues
- 3200 outputs adressable
- Integrated radio transmitter, 1000m radio range
- 16 different radio channels selectable
- Automatic and manual mode
- Timecode SMPTE 24/25/30
- Timecode Generator SMPTE 24/25/30
- Internal power supply with high-powered Li-Io battery
- Radio range test for all radio units
- Bidirectional (2 way) communication
- Monitoring of battery power
- Resistance measurement (Ω) for each output
- 10 safety zones
- 10 spare cues programmable
- Menus are available in English or German
- Important information and descriptions are clearly displayed
- programmable via PC Software (included)
- Data transfer from a USB drive
- Easy to use
- The units are designed for reliable performance outdoor and indoor.
- IP64

ptx C3 Software:

CUE	Ignition time	Description	IC	Ch 1	Ch 2	Ch 3	Ch 4	Ch 5	Ch 6	Ch 7	Ch 8	Ch 9
1	00:00:01:00	Peony	1	1-10	2	3	4	5	6	7	8	9
2	00:00:02:00	Kamuro cal. 100	2	1-10	2	2	4	5	6	7	8	9
3	00:00:03:00	Kamuro cal. 150	3	1-10	2	3	4	5	6	7	8	9
4	00:00:04:00	Kamuro cal. 150	4	K.1	K.2	K.3		5	6	7		
5		Man	5	17	18	19	20	21	24	23	17	18

ptx c3



A universal firing system. Small in size but great in functionality.

The ptx Mini is both, a simple radio controller and a radio IC box with 8 outputs in one device.

Transmitter

- Menu-driven user interface
- Contains a static program with 100 cues
- Integrated radio transmitter, 1000m radio range
- 16 different radio channels selectable
- Manual operating mode
- Ability to select and fire individual cues instantly

Receiver

- 8 outputs
- Address and radio frequency configurable via display
- Internal power supply with high-powered Li-Io battery
- Firing power: up to 3 ignitors per output
- Radio range test for all radio units
- Bidirectional (2 way) communication
- Monitoring of battery power
- Resistance measurement (Ω) for each output
- Suitable for shooting confetti launchers
- The units are designed for reliable performance outdoor and indoor.
- IP64

ptx Mini / ptx IC8



ptx IC 48

Compact firing power built into a lightweight and rugged pelican case.

- 48 outputs
- Cable-based system
- Address configurable
- High firing power: up to 40 ignitors/30 Ohms per output
- Suitable for shooting confetti launchers
- Integrated Stepper function
- Min. shot sequence of Stepper 0,01s
- Resistance measurement (Ω) for each output
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptx Radio IC 48

Compact and wireless firing power built into a lightweight and rugged pelican case.

- 48 outputs
- Provides cable-based and wireless communication at the same time
- 1000m radio range
- Address configurable
- High firing power: up to 40 ignitors/30 Ohms per output
- Suitable for shooting confetti launchers
- Integrated Stepper function
- Min. shot sequence of Stepper 0,01s
- Resistance measurement (Ω) for each output
- Internal power supply with high-powered Li-Io battery
- Monitoring of battery power
- 16 different radio channels selectable
- Up to 70h standby time
- Supplies up to 30 cable-based ptx IC16 or up to 10 ptx IC48
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptx IC 16

High-powered and lightweight IC Box with 16 outputs.

- 16 outputs
- Cable-based system
- Address configurable
- High firing power: up to 40 ignitors/30 Ohms per output
- Suitable for shooting confetti launchers
- Integrated Stepper function
- Min. shot sequence of Stepper 0,01s
- Resistance measurement (Ω) for each output
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptx Radio IC 16

High-powered and lightweight Radio IC Box with 16 outputs.

- 16 outputs
- Provides cable-based and wireless communication at the same time
- 1000m radio range
- Address configurable
- High firing power: up to 40 ignitors/30 Ohms per output
- Suitable for shooting confetti launchers
- Integrated Stepper function
- Min. shot sequence of Stepper 0,01s
- Resistance measurement (Ω) for each output
- Internal power supply with high-powered Li-Io battery
- Monitoring of battery power
- 16 different radio channels selectable
- Up to 70h standby time
- Supplies up to 5 cable-based ptx IC16
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptx IC 4

The smallest member of the ptx family and great for use in theaters or on stage.

- 4 outputs
- Wireless communication
- 1000m radio range
- Address and frequency are configurable via PC Software
- Internal power supply with high-powered Li-Io battery
- Firing power: up to 3 ignitors per output
- Suitable for shooting confetti launchers
- Resistance measurement (Ω) for each output
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptx Mini / ptx IC8

A universal firing system. Small in size but great in functionality.

The ptx Mini is both, a simple radio controller and a radio IC box with 8 outputs in one device.

Find more information about this device on the left page.



ptX Audio Player

For perfect synchronization of music and fireworks.

- Provides cable-based and wireless communication at the same time
- Radio range 1000m
- 16 different radio channels selectable
- SD Card memory
- Illuminated display
- Stereo outputs
- Headphone jack
- Internal power supply with high-powered Li-Io battery
- Monitoring of battery power
- Up to 50h standby time
- Keylock prevents from accidental operation
- Integrated timecode generator - SMPTE 24/25/30



ptX MFB - Multi Funktions Box

Combines battery pack, 4-way splitter, DMX output and a radio receiver in one device.

- Provides cable-based and wireless communication at the same time
- 1000m radio range
- Independent of main power by integrated high-powered Li-Io battery
- Integrated smart splitter, 1 data input, 4 data outputs
- DMX output
- Provides maximum flexibility for any setup
- Monitoring of battery power
- 16 different radio channels selectable
- Up to 70h standby time
- Address and radio frequency configurable via display
- Booster
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptX RM - Radio Module

Adds wireless communication to every cable-based setup.

- Cable-to-radio adapter/ Transmitter or Receiver
- 1000m radio range
- Independent of main power by integrated high-powered Li-Io battery
- Monitoring of battery power
- 16 different radio channels selectable
- Up to 70h standby time
- Address, radio frequency and operating mode configurable via display
- Tried and tested for reliable performance indoor and outdoor
- IP 64



ptX Cable Tester



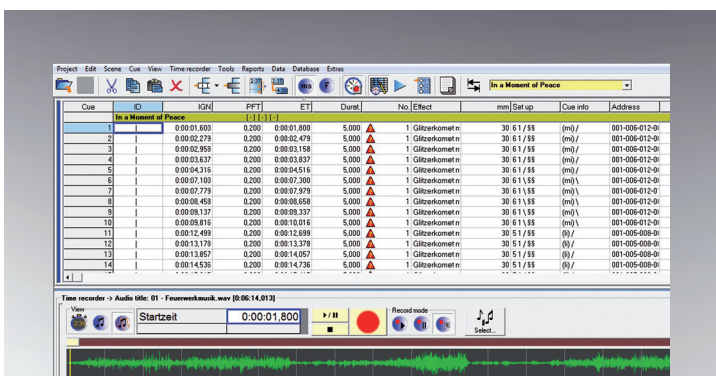
ptX Deadman



ptX Antennas



ptX Cables



ptX Solution Pro

High performance and professional software for pyrotechnic design, creativity and digital firing.

- Graphic presentation of WAV files
- Creating of individual database
- Integration of in house database
- Import and export of show files with EXCEL and ACCESS
- Extensive search features
- Creating cue lists
- Extensive play and record features
- Timing possible in seconds and frames
- Automatic calculation delay, ignition and duration of effect
- Several addressing modes: automatic, semi automatic and manual addressing of ptX boxes
- Creating of working lists
- Creating of individual material lists
- Identification of weights for transport issues
- Creating of individual effect libraries
- Graphical visualisation of firing positions
- Creating of individual setup lists
- Extensive management of set up features
- Allocation of safety zones
- Simulation program
- Multiple storage handling
- Free selectable short cuts