



Type(s)
Project
Date
Notes

GENERAL INFORMATION

The Ion Xe Remote Processor Unit (RPU) is a 2U 19-inch rack-mount controller that can serve as a backup for your Ion Xe or Ion Xe 20 lighting control system, or it can function as a stand-alone lighting playback controller. The front panel of the Ion Xe RPU features twenty user-programmable buttons and LED indicators that show mode and status. The Ion Xe RPU also has Eos Family software installed, giving access to all the programming functions of full consoles.

Eos Family software includes:

- Approachable yet powerful syntax for programmers of every level
- Industry-leading color control tools
- Magic Sheets for custom programming and displays
- Augment3d 3D programming and visualization environment
- Virtual Media Server function for pixel-mapping
- Timecode and automation integration
- Multi-user and multi-programmer working environment

For drawings, photos, and more, visit the [Ion Xe RPU](#) product webpage. To explore the latest software features, accessories, and other Eos Family products, visit etcconnect.com/Eos.

ORDERING INFORMATION

ION XE RPU

MODEL	DESCRIPTION	PART NUMBER
Ion Xe RPU - 2K	Ion Xe Remote Processor Unit, 2,048 outputs (base)	4311A1031 *
Ion Xe RPU - 12K	Ion Xe Remote Processor Unit, 12,288 outputs (maximum)	4311A1032 *
Ion Xe RPU 10K Up	Ion Xe RPU after-sale 10K output upgrade	4311A0061
Ion Xe RPU 10K Initial Up	Ion Xe RPU initial 10K output upgrade †	4311A0063

SHIPS WITH:

- One three-button scroll mouse and mousepad
- Alpha-numeric keyboard
- Locking regionalized IEC power cord
- Two active display port to DVI adapters
- Two 19-inch rack-mount ears and mounting hardware
- Four rubberized feet (for desktop use)
- Augment3d AR target kit

* Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australian Type I

Consoles shipped after 2023-03 require Eos software v3.2.1 or higher

† Initial upgrade sold in some markets as an alternative to 4311A1032

All models are available without wireless radios (WiFi and Bluetooth). Please contact ETC for ordering information.



ORDERING INFORMATION

ION XE RPU ACCESSORIES

MODEL	DESCRIPTION	PART NUMBER
Eos PGW	Eos Programming Wing	4240A1020 *
Eos MFW 10	Eos Motorized Fader Wing 10	4240A1021 *
Eos MFW 20	Eos Motorized Fader Wing 20	4240A1022 *
Eos FW 20	Eos Standard Fader Wing 20	4240A1023 *
Eos FW 40	Eos Standard Fader Wing 40	4240A1024 *

* Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australian Type I

SPECIFICATIONS

HARDWARE AND INTERFACES

- 2U 19-inch rack-mount form factor
- Supports two external display port monitors (1920x1080 minimum, 3840x2160 maximum), with optional single-touch or multi-touch screen control and DDC/CI support
- 20 user-programmable front panel buttons
- Six front panel LED status indicators
- Included USB keyboard
- Solid-state hard drive
- IEC power input (100–240 VAC at 50/60 Hz), fused mains power switch, locking regionalized power cable included
- Two individually configurable Gigabit Ethernet ports, RJ45 connectors
- One 802.11ac WiFi Ethernet adapter (to be enabled with future software)
- Bluetooth 5.1 for connecting input accessories (to be enabled with future software)
- sACN and Art-Net network output protocols
- Four DMX-512 / RDM 5-pin XLR ports
- Contact closure triggers via D-Sub connector
- USB 3.1 ports, for flash drives, pointing devices, keyboards (5 USB-A ports, 2 USB-C ports)
- Multiple MIDI and/or SMPTE timecode inputs, MIDI In and Out, Analog/Serial Inputs, OSC transmit/receive, UDP transmit/receive through network interface or Response Gateways

ELECTRICAL AND THERMAL

- Power consumption approximately 2 A at 120 V or 230/240 V
- Ambient room temperature 0°C to 35°C (32°F to 95°F)
- Ambient humidity up to 90% non-condensing

REGULATORY AND COMPLIANCE

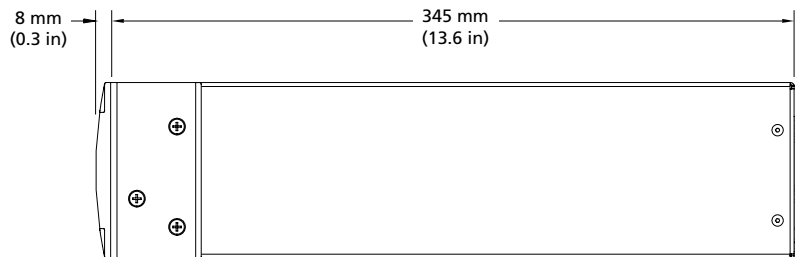
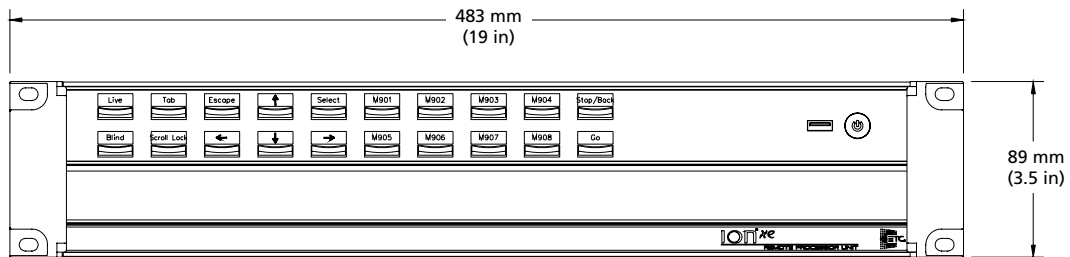
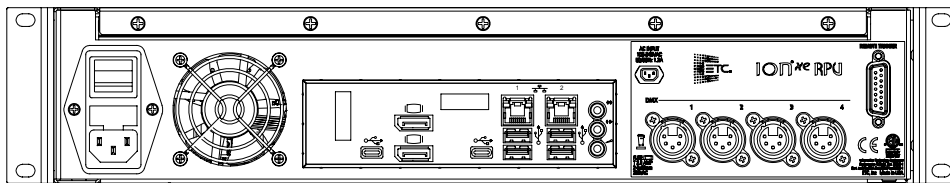
- CE Compliant
- cETLus listed
- UKCA marked
- FCC compliant
- RoHS compliant
- WEEE

PHYSICAL

Ion Xe RPU Dimensions and Weights*

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	kg	lb
Ion Xe RPU	89	3.5	483	19.0	345	13.6	9.08	20.0
Ion Xe RPU in shipping container	343	13.5	604	23.8	581	22.9	10.21	22.5

* Dimensions and weights typical



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