



PRELIMINARY DATA - SPECIFICATIONS  
SUBJECT TO CHANGE



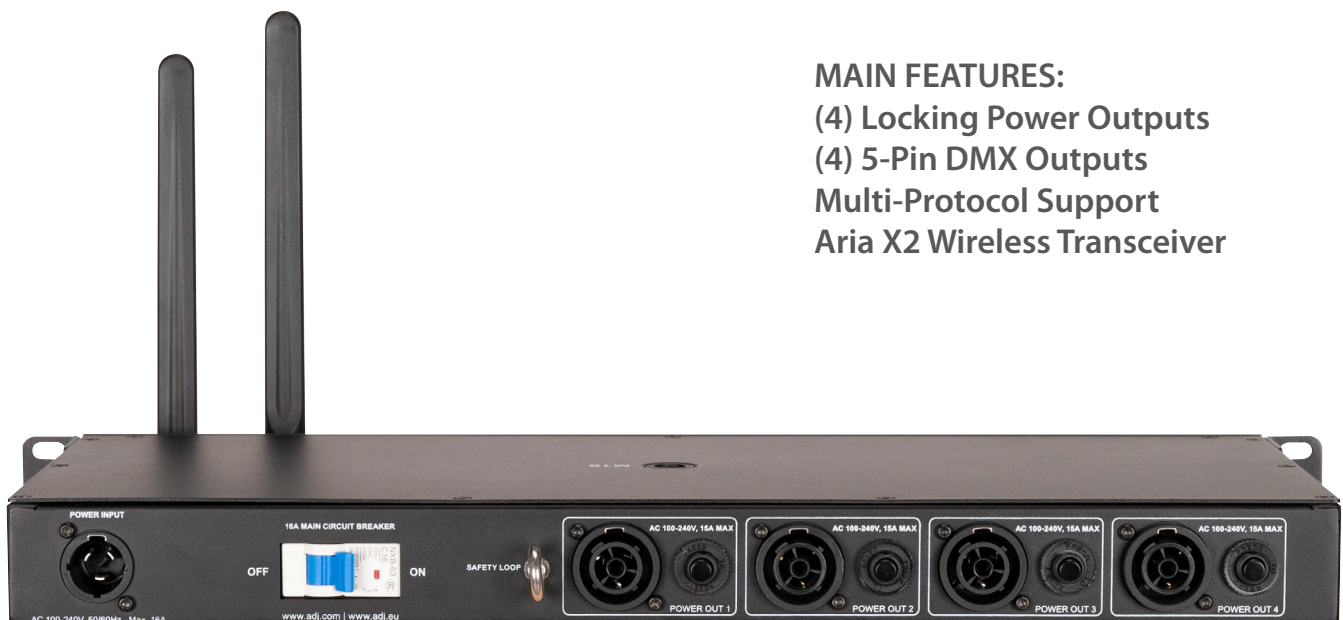
# PC415X

19-inch rack mount versatile 3-in-1 Power Distributor,  
Aria X2 transceiver & DMX/RDM Splitter

The PC415X is an innovative, all-in-one solution for lighting professionals, venues, and production teams seeking a reliable, efficient, and versatile power distribution and DMX control hub. This state-of-the-art device seamlessly integrates three essential features into one compact, rack-mountable unit: a 4-output power distribution center, an advanced Aria X2 wireless DMX transceiver, and a 4-output DMX/RDM splitter. This powerful combination provides users with an unprecedented level of control and flexibility, making it an invaluable asset for live events, stage productions, touring, and fixed installations.

## MAIN FEATURES:

- (4) Locking Power Outputs
- (4) 5-Pin DMX Outputs
- Multi-Protocol Support
- Aria X2 Wireless Transceiver



[www.ADJ.eu/pc415x](http://www.ADJ.eu/pc415x)



### KEY FEATURES:

- Multi-functional Design: The PC415X offers 4 power outputs
- 4 power outputs, an Aria X2 transceiver, and DMX/RDM splitter in one device
- Flexible DMX Channel Modes: Operate in 1, 2, or 4 DMX channel modes, ensuring compatibility across different setups
- User-Friendly Control: Navigate with ease using the push button and encoder wheel, complemented by an OLED control menu display
- Event Scheduler: Manage power and DMX outputs with an internal On/Off scheduler for automated operation
- Single DMX Universe: Works seamlessly as a single DMX universe transmitter, ideal for precise control over lighting configurations
- Multi-Protocol Support: Features Sub-GHz, 2.4 GHz WiFi, Bluetooth, and proprietary Aria X2 Mesh Protocol for reliable wireless communication
- Future-Ready: Configuration via front panel and app support (app coming soon) for on-the-go adjustments
- Mounting Flexibility: Rack-mountable and truss-mountable for versatile installation options

### SUPPORTED PROTOCOLS:

- DMX/RDM: Designed for DMX lighting control, with RDM support planned in a future software release
- Proprietary Protocols: Supports Aria X2 Mesh Protocol and 802.15.4 communication, plus Bluetooth 5.2 for versatile device connectivity
- Mounting Flexibility: Rack-mountable and truss-mountable for versatile installation options

### RF CHARACTERISTICS:

- Frequency Range: Operates between 2404-2480 MHz, with additional EU (863-870 MHz) and US (902-928 MHz) bands
- Enhanced Reliability: CSMA and planned adaptive frequency hopping ensure minimal interference
- Over-the-Air Updates: Future-proof your setup with OTA updates

### STANDARDS & COMPLIANCE:

- Safety: Meets EN IEC 62368-1 and BS EN standards for safe operation
- Health & EMC: Complies with EN IEC 62311:2020 and ETSI EMC standards, ensuring safety and low interference

## CONNECTORS:

- DMX and Power Options: Features (1) DMX input, (4) DMX outputs, and (4) IP65 locking power outputs with 15A resettable breakers
- Antenna Compatibility: Equipped with dual 5G JT SMA antennas

## POWER REQUIREMENTS:

- Versatile Power Input: Compatible with AC100-240V 50/60Hz and equipped with a 16A main power switch
- Low Power Consumption: Runs efficiently with minimal power requirements and features a CR2032 lithium battery for critical backup

## PHYSICAL REQUIREMENTS:

- Robust Design: Durable IP20 metal enclosure with a digital screen, rotary knob, and safety eyelet
- Temperature Tolerant: Operates in ambient temperatures up to 45°C and humidity below 75%
- Compact Dimensions: At just 3.36 kg, it's designed for easy handling and secure installation

## DIMENSIONS & WEIGHT:

- Length: 482mm
- Width: 249.17mm
- Height: 43.80mm
- Weight: 3.36 kg

## APPROVALS & INCLUDED ACCESSORIES:

- Approvals: IP20-rated for indoor use
- Accessories: Comes with rack ears for a standard 19-inch rack mount, two Aria X2 antennas and one IP65 locking power cable



INCLUDED ACCESSORIES

