



PDU 400-12

12-Channel Power Distribution Unit

RGB Spectrum's Power Distribution Unit streamlines AV project integration, making it simpler, easier and faster than ever before to power up a variety of devices. Say goodbye to rack cable clutter and wall warts.

The convenient PDU™ 400 -12 400-watt Power Distribution Unit provides 12 channels of 12-VDC power in a rugged 1RU rack mountable enclosure allowing system designers and facility managers to simplify power management.

The PDU 400-12 integrates with RGB Spectrum's Zio™ networked AV products, CAT Linx™ -2 4K HDBaseT extenders, AV devices from other manufacturers, and other HDBaseT-certified products.

The PDU 400-12 auto-senses and accepts line voltages from 88 to 264 volts AC. It offers a unique, active Power Factor Correction (PFC) circuit that minimizes input current harmonics, enabling it to operate at very high efficiency. All outputs feature robust overload, over-voltage, and over-temperature protection.

Versatile and reliable Phoenix connectors allow for ease of use with a wide variety of devices that require 12-VDC power. Direct connectors are available for RGB Spectrum Zio Encoder/Decoder and CAT-Linx 2 HDBaseT Extender products.

The PDU 400-12 is an ideal power distribution solution for professional A/V applications.

Features

Up to 25W per channel

12-Ports with 12V DC per port

400W full load

Power Factor Correction (PFC)

Connectors for Zio Encoders/Decoders or CAT-Linx 2 HDBaseT Extenders

Phoenix connectors available for non-RGB equipment





Technical Specifications

DC Power Outputs	12x
Output Voltage	12 VDC
Total Output Power	400 watts
Maximum Power per Output	25 watts
Maximum Current per Output	2.0A
Maximum AC Current (115/230 VAC)	2.5A / 1.3A
AC Line Input Voltage Range	88 - 264 VAC
AC Line Input Frequency Range	47 - 63 Hz
AC Power Input Connector	IEC C14 power connector
DC Power Output Connectors	2-pin, 3.5 mm pitch Phoenix connectors
Rack Height	1U, 1/2 rack width
Product Dimensions (W x H x D)	17.25 in. x 1.75 in. x 12.25 (438 mm x 44 mm x 311 mm)
Product Weight	9.7 lbs. (4.4 kg.)
Compliance	FCC, CE, RoHS, UL

Protection

Overload	105 - 135% rated output power
Over Temperature	Shut down output voltage, recovers automatically after temperature goes down

Environmental

Working Temperature, Humidity	-22° to +113° F (-30° to +45° C), 20 - 90% relative humidity (non-condensing)
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Specifications subject to change.



SPECTRUM®

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