



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 +158° F (-30° to +70° C), 20 - 90% relative humidity (non-condensing)
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Specifications subject to change.



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