RAX-PSU-48V

RAX 48V DC Power Manager

Whether a conventional point-to-point system or a fully fledged multi-zone environment, organisation of the numerous components is essential when creating the perfect installation. The equipment rack can typically become a very complex place, especially when employing multiple point-to-point extenders, repeaters and break-out boxes.

The RAX DC Power Manager is the perfect solution for providing multiple devices with 48V DC power within the RAX enclosure. As well as 8 x 48V DC power outlets the Power Manager can provide power for up to 2 x RAX-FAN cooling modules. Control of the RAX-FAN modules can be accessed using the on-board Web GUI, Telnet or RS232. The speed of the fans can be thermostatically controlled in three stages by the Power Manager depending on the users preference. Alternatively, the fans can be set at a single speed.

Each of the 8 power outputs can be individually controlled by the Power Manager. Using the Web GUI, schedules and events can be created to power specific outputs at specific times, or for single events. In the event of loss of power to the Power Manager, the unit is equipped with a battery back up to preserve the memory of the event log until power is restored.

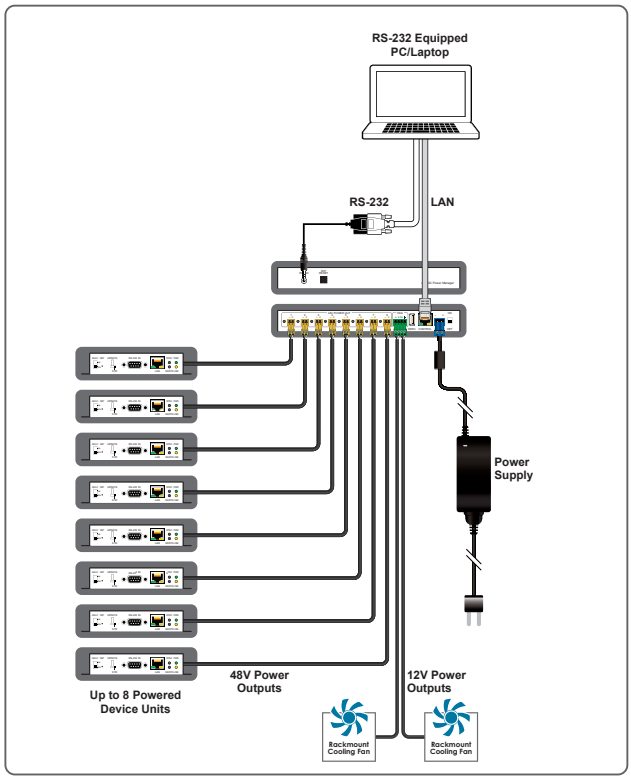
Detailed system information can also be accessed via the Web GUI including power inputs/outputs, current fan speed and system temperature. PC software is also available for download, enabling the user to view power reports of the connected equipment.

PANELS

Front View

Rear View

DIAGRAM



FEATURES

- 8 x Individual 48V Power Outputs
- 2 x DC power outputs for RAX-FAN modules
- Integrated Web GUI, RS232 & Telnet control
- Software Application available to monitor system voltage usage and power consumption reports
- Onboard scheduler with battery backup
- Web GUI System information includes: Fan speed, Temperature & Active/Inactive Ports
- Single speed or thermostatic temperature control of RAX-FAN modules

SPECIFICATIONS

Interfaces

Output Port	8×48V Power [2-pin Terminal Blocks] 2×12V Power [4-pin Terminal Block]
Control I/O	1×RS-232 [3.5mm] 1×IP Control [RJ-45]

Power

Power Supply	48V/3.12A DC (US/EU standards, CE/FCC/UL certified)
Power Consumption	143W

Enclosure

Chassis Material	Aluminum
Chassis Colour	Black
Dimensions (W×H×D)	211.5mm×24mm×112mm [Case Only] 211.5mm×25mm×117mm [All Inclusive]
Weight	285g

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
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