

TRANTEC SYSTEMS

S4000PDU POWER SUPPLY UNIT OPERATING INSTRUCTIONS



Introduction:

The S4000PDU power supply unit is designed to power up to five receivers from one AC power connection, although typically it will be used with four receivers and an ADU. It is suitable for use with S4000, S4000F and S3500 receivers and can be rack mounted (1U, half width) using the S4000RK rack mount kit.

Connection:

Connect the mains inlet to a power source using the figure of eight lead provided. Connect the DC outputs to the receivers using the supplied cables. Use the outputs marked RX1 through to RX4 for up to four receivers, and use the output marked ADU/RX either for a fifth receiver or for an S4000ADU.

Operation:

When the mains power is connected, the unit will immediately switch on and provide power to any connected receivers or ADUs. The front power LED will illuminate to indicate that the power is on. On the rear, there is an indicator LED for each DC output. Normally these should all be lit, but if one output is overloaded or short-circuited, it will be disabled and its LED will not be lit. If this occurs, this connection should be removed and the fault should be found. Note that the outputs are isolated from each other, so if one is disabled, the others will continue to work. The unit may become warm during operation.

Specifications:

Input: 110v - 220v AC, 50/60Hz, 50W Max (Switched Mode), Figure of Eight
Outputs: 5 x 15v DC, 400mA, Centre Positive



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