

CITY THEATRICAL

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PDS-750 TRX Power/Data Supply for CKDMX Fixtures

The 6500 Neo® PDS-750 TRX™ is the most advanced, most powerful and most flexible power/data supply for Philips Color Kinetics LED fixtures ever created. The unit can be controlled with all popular Ethernet protocols including Streaming ACN, Art-Net, or KiNET, as well as wired and wireless DMX512, and is fully RDM enabled. Every unit includes a built-in SHoW DMX Neo® receiver, and can be controlled with all SHoW DMX® Classic and SHoW DMX Neo Transmitters, including SHoW DMX SHoW Baby®.



The PDS-750 TRX provides full control capability for the new Philips Color Kinetics ColorBlast 12 TRX, as well as 16 bit and 8 bit ColorBlast 12 TRs, iW Blast 12s, and conventional 8 bit ColorBlast 12s, ColorBlast 6s, ColorSplash 2s, and other CKDMX fixtures, and it can control any mix of these fixtures without wasted DMX Slots.

Mechanical

- Rugged NEMA 1 Steel and Aluminum enclosure
- Rack Mount ears double as pipe mount hangers

Electronic/ Functional Features

- Multiple Data I/O
 - E1.11/1.20 (DMX/RDM) via XLR 5P
 - E1.31 (Streaming DMX over ACN) via EtherCON
 - E1.33 ready (Streaming RDM over ACN, when adopted)
 - Art-Net via EtherCON
 - KiNET via EtherCON
 - Wireless SHoW DMX Classic *and* Neo, works with 5600 and 5601 SHoW DMX Transmitter, 5701 SHoW DMX Neo Transceiver and 5702 SHoW DMX SHoW Baby
 - Ethernet Pass-Thru
 - E1.31/1.33 gateway via XLR 5P when E1.11/1.20 not in use
 - Art-Net gateway via XLR 5P when E1.11/1.20 not in use
 - Two Ethernet universe sources, per port selectable
 - SHoW DMX received output via XLR 5P when E1.11/1.20 not in use
 - USB firmware updates via USB stick
- PowerCon mains power inlet
- LCD display
- Built-in stand-alone routines with programmable scenes
 - Six Scenes
 - Scene "Follow" time
 - Each scene supports one of: Color Wash, Random Color, Cross Fade, Color Wave & Fixed Color



- Minizapi
 - Fixture Address to 1
 - Fixture Dimmer Curve (if supported by fixture)
 - Fixture Resolution (if supported by fixture)
 - Fixture Control Mode (if supported by fixture)
 - Fixture LED Speed (if supported by fixture)
- SHoW DMX ® included as standard
- RDM identify fixtures
- RDM control of minizapi functions
- 12 CKDMX fixture output ports will control up to 12 50 watt fixtures
- Configure ports globally
 - Base start address
 - Footprint / CK Fixture type (Will automatically adjust footprint, 16-bit, 8-bit, RGB, RGBAW, iW)
- Configurable ports individually
 - Start Address
 - Footprint / CK Fixture type (Will automatically adjust footprint, 16-bit, 8-bit, RGB, RGBAW, iW)
 - Zapi all fixtures on a port to a 001 address

Compliance:

- ETL Listed
- RoHS Compliant
- CE Certified
- FCC Part 15 Certified

CTI Part #: 6500

Power: 100-240VAC 50/60Hz, 10A

Weight: 14 lbs

Dimensions: 19"W x 5.25"H x 8"D (3U standard 19" rack mount)