CITY THEATRICAL INC

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PDS-750 TRX
Power/Data Supply
for CKDMX Fixtures

The 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 ® receiver.

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 ® (Standard)
  - 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 B 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)