

# CITY THEATRICAL I N C

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## THE PDS-750-TR CB POWER SUPPLY

The PDS-750-TR™ Touring CB Power Supply provides power and DMX control capability for up to 12 Color Kinetics ColorBlast 12® or 24 ColorBlast 6® luminaires (or other CK fixtures)\*, while eliminating the need for field address programming with a Zapi™.

The PDS-750-TR is provided with standard entertainment industry hanging/mounting hardware configurations, and is ruggedly constructed and equipped for the temporary installations and harsh use conditions typical of standard entertainment industry rental applications.



### Features:

- Heavy Duty NEMA 1 Steel and Aluminum enclosure
- 100-240 VAC 50/60hz Mains Power (auto-ranging)
- Mounting points for C-Clamps & Safety Cable
- (12) 4P XLR CK Data/24V Power output connectors for fixture connection
- DMX 512 Interface (see below)
- 1 x 750 Watt internal power supply
- 24VDC 3A current limited per circuit output with LED Fault Indication
- One-touch Mini-Zapi feature for reconfiguring fixtures with correct starting DMX Address
- Includes 7 types of user-configurable fade and chase routines for stand-alone operation
- In Stand-Alone Mode, selected routine is output to DMX Pass-Thru for synchronized Stand-Alone operation of many CB Supply systems

### DMX 512 Interface:

- DMX Input via 5P XLR Male
- Isolated and repeated DMX Pass-Thru via 5P XLR Female
- DMX Address interface utilizing 3 Rotary BCD Switches for DMX Address configuration

### CK Output Configuration:

- 12 outputs providing Color Kinetics control protocol, +24VDC, and Ground
- “CB Mode”: DMX converted to CK protocol and output selectively to each port as per BCD address setting (see below)
- “Pass-Thru Mode”: All 512 DMX values converted to CK Protocol and output on all ports

### Typical CB Operation:

1. Pre-address all CB fixtures as DMX 001 (either as factory preset or using CB Supply’s Mini-Zapi feature, or CK Zapi)
2. Plug up to 12 of those CB fixtures into outputs 1 – 12
3. Connect the System to a DMX source via the DMX Input and connect power
4. Set the system’s DMX Address to the desired starting address value AAA

The 12 connected CB fixtures will respond as follows:

CB Fixture # 1 = DMX address AAA, AAA+1, AAA+2

CB Fixture # 2 = DMX address AAA+3, AAA+4, AAA+5 etc

**Weight & Dimensions:** 13.5 Lbs., 18.50”W x 5.22”H x 8.50”D

### Options:

- Rack mount
- Pipe Mount
- Terminal Block Output
- ETL/cETL Version
- 4P XLR Output
- CE Version

\***Fixtures Supported:** ColorBlast 12, ColorBlast 6, ColorBurst 6®, ColorBurst 4®, iColor Cove® ColorSplash 2®