

# CITY THEATRICAL I N C

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## THE PDS-375-TR CB POWER SUPPLY

The PDS-375-TR™ Touring CB Power Supply provides power and DMX control capability for up to 6 Color Kinetics ColorBlast 12® or 12 ColorBlast 6® luminaires (or other CK fixtures)\*, while eliminating the need for field address programming with a Zapi™.



The PDS-375-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 w/ built-in carrying handle
- 100-240 VAC 50/60hz Mains Power (auto-ranging)
- Mounting points for C-Clamp & Safety Cable
- (6) 4P XLR CK Data/24V Power output connectors for fixture connection
- DMX 512 Interface (see below)
- 1 x 600 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
- ETL/cETL Listed
- CE Certified
- RoHS Compliant

### 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:

- 6 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 6 of those CB fixtures into outputs 1 – 6
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 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:** 8 Lbs., 13.00"W x 5.00"H x 6.75"D

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