

PDS-750 TR
**CITY
THEATRICAL
I N C**


PDS-750 TR is a multi-output power/data supply designed by City Theatrical Inc, specifically for use with Color Kinetics® systems in entertainment and events lighting applications. Ruggedly designed for temporary installations, PDS-750 TR is able to withstand the harsh usage conditions of entertainment and rental environments. PDS-750 TR touring power/data supply, featuring Color Kinetics data drive circuitry, provides power and DMX data control to a variety of Color Kinetics intelligent, solid-state lights. The data circuitry conditions data supplied from a DMX512 controller, including Color Kinetics full line of controllers, to a format compatible with the fixtures. In addition to DMX512 data interface, PDS-750 TR includes seven types of user-configurable fade and chase effects for stand-alone operation.

On-board addressing capabilities eliminates the need for additional address programming tools. The address setting function, which is similar to function of the Color Kinetics Zapi addressing tool, enables users to address all connected fixtures sequentially starting with a base address which is set by built-in rotary switches.

PDS-750 TR is housed in a robust NEMA 1 (IP20) steel and aluminum enclosure and complies with National Electrical Code (NEC) requirements. Its rugged construction makes it ideal for use in temporary installations and harsh use environments typical of entertainment industry rental applications. Each PDS-750 TR is provided with standard entertainment industry hanging and mounting hardware configurations for C-clamps and safety cables.

PDS-750 TR automatically accommodates supply voltages ranging from 100VAC to 240VAC, which must be hard-wired to the power source. The 750W power source is capable of powering up to twelve ColorBlast® 12, twenty-four ColorBlast 6, twenty-four ColorBurst® 6, forty-eight ColorBurst 4, up to ninety-six total feet of iColor® Fresco, iColor Cove® or iColor Cove NXT fixtures distributed over multiple outputs.

Custom versions are available with the following options: Rack mount, pipe mount, and terminal block output.

FEATURES

- 750 Watt internal power supply
- C-clamp and safety mounting points
- One-touch fixture addressing
- Seven user-configurable stand-alone effects
- DMX512 interface
- DMX512 output for synchronized stand-alone operation on multiple PDS-750 TR supplies


ITEM# 109-000019-00

This product is protected by one or more of the following patents:
U.S. Patent Nos. 6,016,038, 6,150,774 and other patents listed at
<http://colorkinetics.com/patents/>. Other patents pending.

City Theatrical, Inc. designs and develops unique LED lighting accessories under license from Color Kinetics Incorporated.

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BRO149 Rev 01

Specifications subject to change without notice.

PDS-750 TR SPECIFICATIONS

POWER INPUT	100VAC to 240VAC auto ranging (50Hz–60Hz),
POWER OUTPUT	24VDC (750W Max.), 3A current limit per circuit
AMBIENT OPERATING TEMP	14°F to 104°F (-10°C to 40°C)
HOUSING	NEMA 1 enclosure
WEIGHT	12.6 lbs. (5.7 kg)
CONNECTORS	Data: 5P XLR input and output connectors Power: (12) 4P XLR output connectors
DATA INPUT INTERFACE	Color Kinetics DMX controllers or DMX512 compatible
PROTECTION RATING	IP20
LISTINGS	ETL/cETL listed, CE listed

U.S. AND FOREIGN PATENTS AND PATENTS PENDING

PDS-750 TR

PHYSICAL DIMENSIONS

