

# CITY THEATRICAL I N C

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## MasterBlast™

The City Theatrical MasterBlast is the next major advancement in CTI's growing line of wireless DMX LED control systems. The MasterBlast can operate as a full-featured wireless Event LED Controller, or as a Wireless Power/Data Supply. Use one MasterBlast to control any combination of CTI PDS-50s, PDS-750s, or PDS-375s, or just get a group of Masterblasts, and pick any one to run the rest of them! And with CTI's new EB (Extended Battery life) program, a MasterBlast kit will run for up to 10 hours on a single battery charge, and even longer with the Grand Master control set below full. The MasterBlast has a wired DMX512 output that is turned on in Master (transmit) mode and turned off in Slave (receive) mode, so the same preset program the MasterBlast is broadcasting wirelessly can be used to run your wired DMX PDS-375s and PDS-750s.



The MasterBlast is equipped with City Theatrical's patented SHoW DMX wireless technology, so MasterBlasts can be used in receive mode with any SHoW DMX System.

The City Theatrical MasterBlast Kit is a complete show-ready unit and includes the MasterBlast, a Battery Base with cables, a Philips Color Kinetics ColorBlast 12 TR ®, and required ½-13 assembly hardware. The result is a self-contained battery powered LED fixture with a complete built-in palette of beautiful, easy-to-use lighting routines. Add any number of units to light your next event easily, simply and dramatically!

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### MasterBlast Features:

- Rugged NEMA 1 steel and aluminum case with included mounting base for attachment to a CTI Battery Base
- User Interface:
  - (5) Control Pushbuttons: Back, Forward, Up, Down, Enter
  - 16 character x 2 row LCD display, Monochrome, Backlit
- Mode Select
  - Master (transmit, RF and wired DMX)
  - Slave (receive, RF only)
- Built-In programs
  - Color Wash EB: Cross fade between color spectrum, Extended Battery
  - Color Wash: Cross fade between color spectrum
  - Cross Fade: Cross fade between two colors
  - Color Wave: Cross fade between color spectrum applied to 12 fixtures
  - Random Color: Bump from one random color to another random color
  - Random Fade: Cross fade from one random color to another random color
  - Fixed Color: Static color
- Control Features:
  - Program select
  - Radio configuration (SHoW ID, Panel Lockout, Backlight settings)
  - System Grand Master level control
- Built-in SHoW DMX™ Wireless DMX Transceiver for program broadcast or reception (configurable as a transmitter or receiver, compatible with all SHoW DMX Systems)
- Status Indication (via LCD display)

- Battery Voltage
- Radio received signal strength
- Connections
  - Power: 24VDC 2A input via Anderson PowerPole connectors for System/ColorBlast power, accessory 12/24VDC 250mA input via 5.5x2.1mm concentric connector for MasterBlast power only
  - 2A CKDMX Power/Data output via 4PXLR Female for (1) ColorBlast power and control
  - DMX512 wired output via 5PXLR female (enabled in Master mode, disabled in slave mode)

**Kit Components:**

- MasterBlast
- Philips Color Kinetics ColorBlast 12 TR
- 12/24V Battery Base
- Series Battery Cable (for 24V operation)

**Certifications:** All electrical components are NRTL Listed as required, CE Certified and FCC and CE Emissions compliant, all SHoW DMX Radio equipment is FCC and IC compliant, all components are RoHS compliant

**Available Accessories:** CTI # 5600/01 SHoW DMX Transmitter, CTI # 5610/11 SHoW DMX Receiver, CTI High Power/directional Antennas, CTI # 6320/21 Blast 12 TR Lens Kits, CTI # 6340 Blast 12 TR Barndoor, CTI 6346 Blast 12 TR Louver, CTI # 5640 12V Battery Charger