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LIGHTING CONTROL SYSTEMS

CueServer Pro Model CS-800



Product Description

CueServer is a complete lighting playback and integration processor, featuring advanced DMX lighting control, sophisticated event scripting and robust I/O capabilities combined in a tiny web-based device. Great for both architectural and entertainment lighting control projects, CueServer provides an unprecedented level of control and customization in an easy-to-use package.

CueServer is entirely web-based, which means that no special software is needed to operate or program CueServer. Use a web browser on your computer or PDA to connect to CueServer to begin working with it.

After CueServer is programmed, it functions as a stand-alone show controller, leveraging its built-in real-time clock/calendar, astronomical time functions, button and contact closure inputs, and wide variety of event triggers to interact with the outside world. Integrate CueServer with other external devices via RS-232 serial, Ethernet connectivity and more for fully custom lighting and show control solutions.

Key Features

- Completely self-contained lighting playback controller
- Seamlessly handles static scenes, crossfading and real-time "streaming" DMX playback
- Web-based "live" operation and programming
- Powerful CueScript programming language
- Handles up to 4 independent timelines
- Locally program lighting scenes or snapshot from external DMX source
- Network multiple CueServer units together to control a large number of channels or devices
- On-board real-time clock with astronomical functions and 365-day calendar events
- System integration via Ethernet, RS-232 and Digital I/O
- Easily interfaces with Crestron®, Vantage®, AMX® and other automation systems
- Huge onboard memory and removable memory card slot

- Rack-mounted enclosure for professional installations
- Fully customizable LCD Display for user feedback
- Front-panel menu buttons for changing date, time, network settings and more without needing a computer
- Front-panel programmable function buttons with LED indicators for direct access to custom actions

Included Items

- CS-800 Control Unit
- Low-Profile Universal Input Switching Power Supply
- Rack-mounting ears
- Pluggable terminal blocks
- Self-Adhesive Rubber Feet
- Getting Started Documentation

Product Resources



[CueServer Downloads](#)

Download software, manuals, firmware updates, extras and more.



[Port Specifications](#) (PDF)

A detailed description of the CS-800 ports and their pinouts.



[Mechanical Drawing](#) (PDF)

A detailed mechanical drawing of the CS-800.



[CAD Drawing](#) (DWG)

A detailed mechanical drawing of the CS-800 for import into CAD Software.



[Specification](#) (RTF)

A detailed architectural performance specification for the CS-800.

Technical Specifications

Connections

- > **Power:** 2.1 mm DC Power Input Jack
- > **Network:** RJ-45, 10/100 Base-T Ethernet

- > **Memory Card:** xD Card Slot
- > **DMX Input:** 5-Pin Male XLR
- > **DMX Output:** 5-Pin Female XLR
- > **Serial Port:** DB-9 Female
- > **I/O Expansion:** 2 10-position Pluggable Terminal Blocks providing signals for 8 contact closure inputs, 8 low voltage outputs, regulated 5V DC and ground

Power Requirements

- > **Input:** 6-30 VDC (12VDC Nominal), 800mA @ 12VDC

Physical

- > **Width:** 16.7" (424 mm) 19" rack width
- > **Height:** 1.76" (45 mm) 1U rack space
- > **Depth:** 6.0" (152 mm)
- > **Weight:** 3.4 lbs. (1.5 Kg)

Environmental

- > **Operating Temp:** -40° to 158° F (-40° to 70° C) without optional flash card, LCD display may freeze
-4° to 158° F (-20° to 70°C) without optional xD flash card installed
32° to 158° F (0° to 70° C) with optional xD flash card installed
- > **Storage Temp:** -40° to 176° F (-40° to 80°C)
- > **Relative Humidity:** 5% to 95% noncondensing
- > **Altitude:** 10,000 feet maximum

DUE TO CONTINUOUS IMPROVEMENTS, SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE.