

Overview

CueServers are powerful lighting control and show playback processors designed to be completely self-contained and extremely cost effective. Available in a series of models, these powerhouse controllers provide limitless solutions to the lighting professional.

The CueServer 2 DIN (CS-940) is housed in an enclosure suitable for DIN rail, surface, or panel mounting. The DIN rail brackets accommodate standard 35mm rail. Mounting flanges are included for surface or panel mounting.

Connections for power, DMX, contact closures, and digital outputs are made using removable terminal blocks across the top edge of the unit. Ethernet, USB, and stereo audio are connected along the bottom edge.

CueServer 2 DIN's front panel has eight customizable function buttons. Each button has a fully controllable RGB indicator. A navigation joystick is used to operate the onboard LCD menu for basic system settings, show selection, and macro execution.



CS-940
CueServer 2 DIN

Features

- Completely self-contained lighting playback, architectural processor, and DMX fade engine
- Seamless handling of Cue Lists, Presets, and Streams
- Control of up to 32 universes of DMX or 32 independent playback timelines
- Dynamic patching of up to 16,384 channels to 128 separate sACN, Art-Net, or KiNET universes
- Front-panel configurable function buttons with RGB indicator LEDs
- Creation of lighting scenes directly or capture from external sources
- Powerful CueScript scripting language
- Real-Time clock with astronomical and calendar events
- Built-in web server for hosting custom interactive web pages
- Multi-show storage on removable microSD memory card
- System integration via Ethernet, Serial, Digital I/O, and Audio
- Compatible with CueStation buttons and CueTouch touchscreens
- Easy interfacing with Crestron, AMX, Vantage, Control 4, Medialon, Savant and other automation systems
- Native programming environment for both Mac and Windows
- Standard DIN-Rail mounting or surface/panel mounting

Applications

- Commercial or Residential
- Architectural or Entertainment Lighting
- Themed Entertainment Venues
- Cruise Ships
- Museums
- Broadcast Studios
- Water Fountains
- Trade Shows
- Building Management

Awards

CueServer 2 has received the following awards:

- LDI 2014 Lighting Control Product of the Year
- PLASA 2014 Member's Choice Product of the Year

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Catalog #:

Prepared by:

Project:

Date:

Specifications

Feature	Detail	Description	
Installable Options	DMX Channels	1,024 Channels Up to 16,384 Channels may be licensed	
Capacity (per Show)	Universe Patching	128 sACN, Art-Net, or KiNET universes	
	Playbacks	Up to 32, depending on number of Channels †	
	Cues	1,000,000 per Cue Stack*	* Note: These parameters may be limited by available SD Card storage space
	Cue Stacks	Unlimited*	
	Groups	100,000*	
	Macros	100,000*	
	Global Rules	1,000*	
	Timer Events	1,000*	
	External Button Stations	1,000*	
	Audio Clips	Unlimited*	
	Web Content	Unlimited*	
Protocols	Ethernet	UDP, TCP, HTTP, TELNET, NTP, Streaming ACN (sACN), Art-Net, KiNet v1/v2, CueScript, CueStation	
	Serial	User-Defined ASCII, CueScript, CueStation	
Connections	Power	2-Position Terminal Block	
	Network	RJ45, 10/100 Base-T Ethernet	
	I/O	(3x) 12-Position Pluggable Terminal Blocks providing signals for 2 DMX Inputs, 2 DMX Outputs, RS-232, RS-485, 8 Contact Closure Inputs, 8 Low-Voltage Digital Outputs (500mA each), and Auxiliary 5VDC Output (200mA Max)	
	Audio	(2x) 3.5mm (1/8") Audio Jacks for stereo audio I/O	
	USB	(1x) Type-A USB Host Port (1x) Micro-B USB Device Port	
User Interface	LCD	40 Character x 2 Line (Black on White)	
	Menu Buttons	5-Way Navigation Switch	
	Function Buttons	(8x) User-Defined Function Buttons with RGB LEDs	
Power	Input	12-24VDC, 8 Watts	
Memory	Removable Card	Micro SD (FAT32 formatted cards up to 2TB)	
Real Time Clock	Type	Battery-backed, 1 second resolution, less than +/-5ppm drift	
	Synchronization	Automatic using Network Time Protocol (NTP)	
	Event Triggers	Time of day, day of week, day of month, week of month, year, date range, astronomical time (relative to sunrise or sunset +/- specified offset)	
Physical	Width	4.8" (123 mm)	
	Length	8.0" (204 mm) without mounting flanges 8.9" (227 mm) with mounting flanges	
	Height	1.6" (40 mm) without DIN brackets 2.6" (60 mm) with DIN brackets	
	Weight	0.9 lbs. (0.41 kg)	
Environmental	Operating Temperature	-13° to 158° F (-25° to 70° C)	
	Storage Temperature	-40° to 176° F (-40° to 80° C)	
	Humidity	5 to 95%, non-condensing	
	Altitude	10,000 feet maximum	

† The number of channel universes times the number of playbacks must be 32 or less.

Ordering

CueServer 2

CS-940

CueServer 2 DIN

Includes DIN-Rail mounted CueServer 2 with panel mounting flanges, and 1,024 channel license (power supply not included)

CS-UNIV

CueServer 2 Additional Universe License

Adds one additional universe of channels (maximum 32)

Accessories

AC-12P

12VDC Power Supply

AC-12P-EURO

12VDC Power Supply (UK/Euro)

AC-12P-AUST

12VDC Power Supply (Australia)

AC-24-DIN-15W

DIN Power Supply, 24VDC, 15W

AC-24-DIN-36W

DIN Power Supply, 24VDC, 36W

Software

CueServer Studio 2

Programming software for CueServer 2 for both Mac OS X and Windows may be downloaded for free from www.interactive-online.com

