



TOTAL CONTROL SERVER



Product Description:

The Total Control Server is a compact, all-in-one lighting processor that features embedded DMX, Art-Net, and ACN functionality. It comes with four built-in universe outputs and can be expanded to control up to 24 universes. It operates on the EnlightenARC operating system, which includes features such as scheduling, direct operation, and all the programming and effects control capabilities that Enlighten provides for fixture discovery.

The server includes DMX fault detection on its four primary outputs, so you can ensure your cabling is free of issues. Each link supports up to 32 wall controllers, or 96 with an optional splitter.

With web-based remote control, you can add the server to your network and manage it from anywhere with secure, password-protected ACN integration. Additionally, it includes HD video output and a secondary HDMI output for playing back media files. It features a failsafe emergency backup scene and allows you to schedule lighting events based on time.

The Total Control Server is robust, featuring 2048 DMX channels on board, with the capability to expand via Art-Net using nodes to increase the number of outputs.

This server is ideal for a variety of applications, including:

- **Architectural multi-room applications**, providing multiple control options for managing several rooms with up to 32 wall button controllers. It can control static lighting, DMX-controlled fixtures, moving lights, and any fixture using ACN or DMX for control.
- **Commercial lighting control**, perfect for restaurants or themed environments. Create lighting programs for breakfast, lunch, dinner, or even switch to a "happy birthday" mode at the press of a button to highlight specific areas.
- **Architectural lighting projects**, monuments, and outdoor facade lighting, and buildings.
- **Venue lighting controls** themed environments.
- **Tradeshow booth control** program and execute all your booth lighting while using only a 10" 1U space.
- **Production applications** replace a large programming system with a compact, simple to use control system.

TOTAL CONTROL SERVER DIAGRAM



KEY FEATURES

- 4 Universes Output Built in
- RDM for fixture discovery and addressing
- HD video out for Video Playback
- Up to 32 Wall controllers per Run
- With optional splitter 96 wall remotes
- Color coded buttons on Single Gang wall switch
- DMX fault detection
- Integrated web remote for control from any web enabled device
- Runs enlightenARC lighting control operating System
- Schedule Lighting Events Based on time
- Control external devices via network command

Mechanical Specifications

Input Connections:	Remote Kaypad using RJ45
Output DMX Connectors:	4 Output RJ45 DMX512 1 HDMI for User Interface 1 HDMI for HD Video Out 1 Artnet/ACN Output port 1 Ethernet Connection for Web Interface Control external devices via network command
Power Connection:	PowerCon Type (PowerCon to Nema 5-15 Cable Included)
Fastening System:	1U Rack Mountable Front or Back & Wall Mountable (Hardware Included)

Electrical Specifications

Outputs:	Four (4)
Input Isolation:	Yes
RDM Signal:	Bi-Directional on DMX line
Signal Lines:	Prevents Reflection
Display:	LED Signal/Error Indicators on rear
Compliant:	RDM E 1.20
Power Consumption:	13.5 Watts .26 Amps @120
Power Input:	AC 90-264V 50/60Hz

Control System

RDM:	Yes
DMX-512:	Yes
Universes:	Four Universes

Size and Weight

Fixture Size:	19" X 13.25" X 1.75" 48.26 X 33.655 X 4.445cm
Fixture Weight:	8.8 lb 3.9 kg
Packaged Size:	21" X 12" X 3.75" 53.34 X 30.48 X 9.525 cm
Packaged Weight:	10 lb 4.5 kg

Included Items

Total Control Server:	MC3010
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Accessories

Total Control S8:

MC3011

Customer Service

MEGA-Lite has a customer support line to provide set-up help and answer any questions should you encounter a problem. Please visit our website for any other related technical documents. For service-related issues, please contact our service department at **service@mega.lighting**

Operating Hours: Monday - Friday 9AM - 6PM CST

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