

**GENERAL INFORMATION**

Complete control of conventional and moving lights, LEDs and media servers. Supports multiple users with partitioned parameter control and full backup, multiple playback faders and cue lists in a tracking, move fade environment, with unique tactile response direct selects.

- APPLICATIONS**
- Theatre
  - Television Studios
  - Houses of Worship
  - Corporate Theatre
  - Exhibits
  - Special Events
  - Touring

- FEATURES**
- 4000 or 8000 Outputs/Parameters
  - 5000 control channels
  - 12 Discrete Users
  - Partitioned Control
  - Master playback pair with motorized 100mm faders
  - 10 100mm motorized faders x 30 pages for configurable faders, submasters, masters and grandmaster control
  - 2 full size LCD touchscreens for display, direct selection and context sensitive control
  - LCD direct selects with tactile response
  - Four discrete palette types (IFCB)
  - Presets function as "all palette"
  - Effects provide dynamic relational and absolute progressive behavior.
  - Central information area (CIA) accesses electronic alpha keyboard, Hue + Saturation color picker, browser and other controls
  - 1 context sensitive LCD touchscreen with six associated force-feedback encoders for parameter control
  - Configurable high-density channel display, with format and flexi-channel modes

- User configurable topographical channel views
- List views of all record targets
- Mouseless navigation of displays
- ETCNet2 and Net3 (powered by ACN) network protocols
- Show Import from Obsession, Expression, Emphasis, Congo, Strand 500 and ASCII
- Multiple MIDI Show Control Inputs, Multiple MIDI and/or SMPTE Time Code Inputs, Multiple Analog/Serial Inputs and MIDI Show Control Thru and Output

**ORDERING INFORMATION**

**Eos**

Model#	Description
EOS - 4K	Eos Console, 4000 outputs
EOS - 8K	Eos Console, 8000 outputs
EOS RPU - 4K	Eos Remote Processor Unit, 4000 outputs
EOS RPU - 8K	Eos Remote Processor Unit, 8000 outputs
EOS - CSK	Client Software Kit

\* ETCNet2 or Net3 are distributed using Net3 gateways, which also provide switch closure functionality, MIDI and SMPTE time code.

**Eos Accessories**

Model#	Description
RRFU - EOS	Radio Remote Focus Unit (Eos)
FADW 2x10	Fader Wing - 2x10
FADW 2x20	Fader Wing - 2x20
EOS - RVI	Eos Remote Video Interface
EOS - MOD 60B	Eos Button Module - 60 Button
EOS - MOD 5B	Eos Button Module - 5 Button
EOS - MOD FM	Eos Button Module - Filler
EOS - FC	Eos Flightcase

Eos Offline Editor software and Manage, the Net3 configuration software are available for download from [www.etconnect.com](http://www.etconnect.com)



## SPECIFICATIONS

### SYSTEM CAPACITY

8000/4000 Outputs/Parameters  
5000 Control Channels (devices)  
10,000 Cues  
99 Cue Lists  
30 Fader Pages  
4 x 1000 Palettes (Intensity, Focus, Color, Beam)  
1000 Presets (all palette)  
1000 Groups  
1000 Effects (relative, absolute or step based)  
1000 Macros  
1000 Snapshots  
Supports three VGA or DVI monitors starting at 1280x1024 resolution

### DISPLAY FUNCTIONS

Hard Disk  
USB ports for flash drives, pointing devices, keyboards  
All show data may be viewed on a single external monitor or may be posted to the integral touchscreens. External views may be posted separately or expanded across a maximum of three monitors.

The Central Information Area accesses:

#### Browser

- File Management
- Display Selection
- System Defaults
- Show Defaults
- Desk Defaults
- Partition Definitions
- Security Functions
- Network Configuration
- Show Data Utilities
- Printing
- Record Target Lists

#### Patch functions

#### Help

Hue and Saturation Color Picker

Electronic alpha keyboard

Command Line

Selected Cue

Error messages

Context Sensitive Control

Parameter Categories and individual parameters

Filters

#### Channel Displays

Live channel or table view

Blind cue, palette, preset and group views, in list, channel, table and spreadsheet formats

User configurable to show required parameters and/or parameter categories (IFCB)

Flexi-channel to determine which channels to display

Zoom allows user to define how many channels are viewed

Color coded intensity levels indicate direction of move

Color coded non-intensity levels indicate change from previous state

Graphic differentiation of moving lights, single parameter devices and unpatched channels

Timeline view of selected cue

#### Channel Layouts

1000 Channel Layouts

User-defined topographical view of channels

User-definable view of parameters and/or parameter categories

#### Patch Views

Channel List

Output List

Up to four keywords for each channel

Patch Wizard for clearing patch, range patching and moving light 'next available' patching

#### Playback Status Display

Accesses status of 30 fader pages

Graphic representation of cue list status, past and future cues

Expanded cue list for selected cue

#### Cue List Index

Effect Editor

Group Editor

Park Display

Fader Display

Isolates display to active output by fader contribution

#### Dimmer Monitoring

Master Playback crossfade pair with 2 100mm motorized potentiometers, Go, Stop/Back and Load

30 pages of 10 100mm motorized faders, each configurable as:

Single playback, with Go and Stop/Back

Crossfade playback, with Go and Stop/Back

Rate controller

Additive or Inhibitive Submaster, with Bump and Solo

Master with Blackout

Grand Master with Blackout

Playback fader controls include:

Load to assign cue lists

Timing Disable

Off/On

Release

Filters

Freeze

Assert

Manual Override

Rate

Go To Cue 0

Multipart Spread

### PLAYBACK CONTROLS

## SPECIFICATIONS

### MANUAL CONTROL

Channel selection from keypad and/or multi-touch direct selects  
 Lists constructed with +, -, thru  
 Intensity set with level wheel, keypad, "level" button, full and out  
 Select Last recalls last sequential channel selection set  
 Select Manual selects all channels with manual values  
 Select Active selects all channels with intensity above zero  
 Ordered groups  
 Offset  
 Fan  
 Sneak  
 Capture  
 Park at level  
 Scaled park for temporary percentage adjustment  
 Recall from and Copy to commands  
 About provides detailed view of selected channels or record targets  
 Undo  
 Highlight

### PROGRAMMING FEATURES

Channel Functions  
 Non Intensity parameters set via numeric entry or pageable encoders  
 Encoders support software controlled tactile response  
 Apply discrete time and delay per channel parameter  
 Palette and Preset Functions  
 Record and Update  
 Toggle display to absolute data  
 Up to 99 decimal values may be inserted between any two whole numbers  
 Effects  
 Create live or blind  
 Pattern based relative dynamic effects  
 Absolute effects  
 Step based effects  
 Multi-part effects easily synchronize parameter activity  
 Entry mode determines how parameters enter effects  
 Exit mode determines how parameters depart effects  
 Cue Recording  
 Cue List HTP/LTP Intensity  
 Cue List Independent  
 Record manual values or channels in use  
 Autoplay back recorded cues  
 Referenced mark instructions  
 Block at cue or parameter level  
 Assert at cue or parameter level

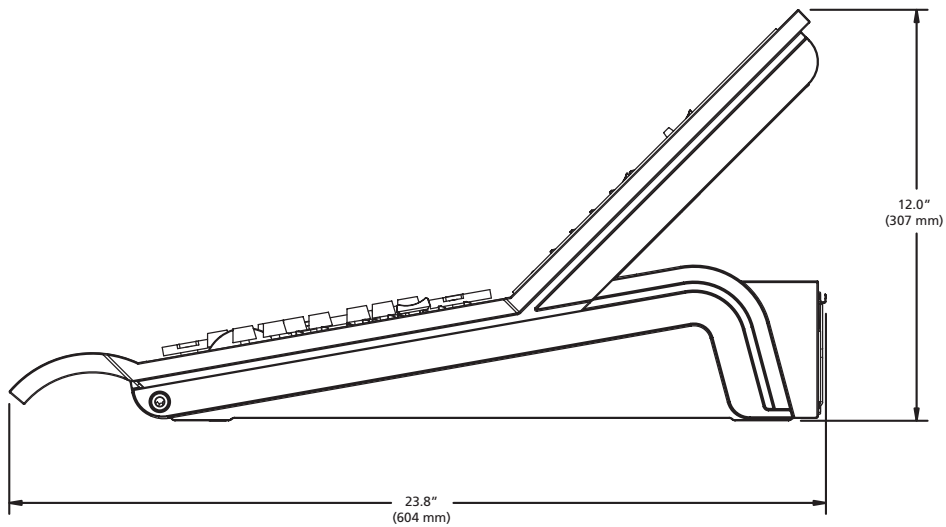
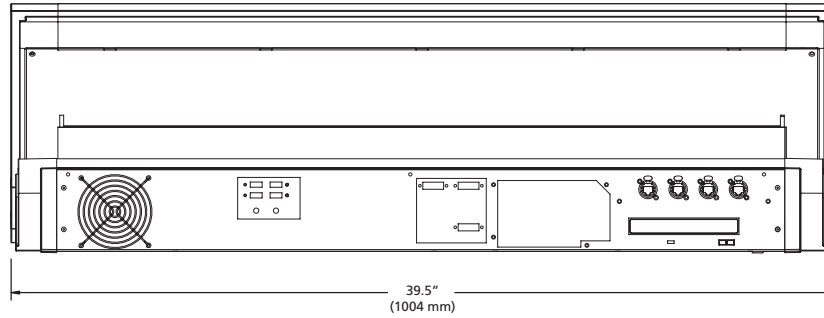
Allfade flag  
 Follow or hang times  
 Out of sequence link  
 Loop functions  
 Cue level parameter category timing  
 10 part multi-part cues with default part assignment  
 Cue level rate override  
 Mark flags  
 Up to 99 decimal cues between each two whole numbered cues  
 Execute List  
 Triggers snapshot with delay  
 Triggers macros with delay  
 Triggers go of other cues  
 Syncs go to multiple cue lists  
 Show control triggers  
 Analog triggers

Update and Update Trace functions  
 Undo record and delete

### INTERFACES

AC input  
 Ethernet (four ports) 802.3af compliant POE  
 ETCNet2  
 Net3 (powered by ACN)  
 3 video output connectors supports DVI or VGA displays  
 USB multipurpose (four ports)  
 Remote Focus Unit (Radio RFU)  
 MIDI Timecode, MIDI Show Control through Gateway  
 SMPTE Timecode through Gateway  
 Contact closure (12 analog inputs, 12 SPDT contact outputs, RS232 through Gateway)

### PHYSICAL



#### DIMENSIONS

##### Eos Dimensions

Model	Height		Width		Depth	
	inches	mm	inches	mm	inches	mm
Eos	12.0	307	39.5	1004	23.8	604

#### WEIGHTS

##### Eos Weights

Model	Weight		Shipping Weight	
	lbs	kgs	lbs	kgs
Eos Console	75lb	34kg		

