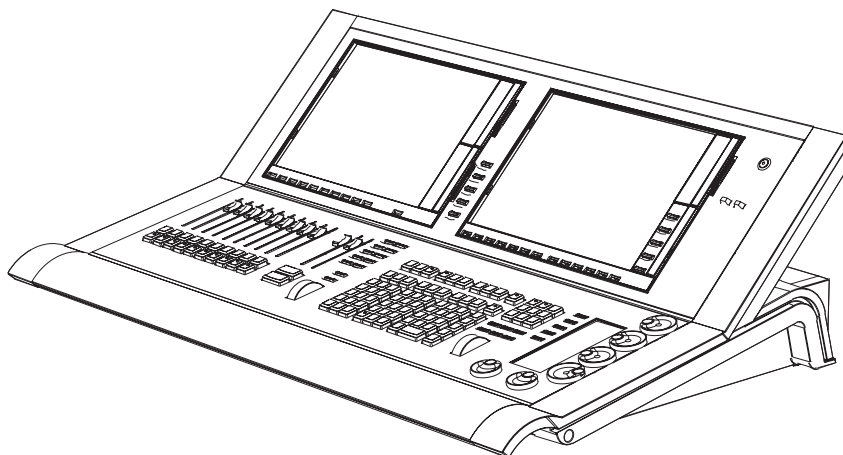




GENERAL INFORMATION

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 and encoders.

APPLICATIONS

- Theatre
- Television Studios
- Corporate Events
- Exhibits
- Special Events
- Touring

FEATURES

- 4096, 8192, 12,288 and 16,384 Outputs/Parameters
- 10000 control channels
- 12 Discrete Users
- Partitioned Control
- Master playback pair with motorised 100mm faders
- 10 100mm motorised 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 colour picker, gel 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™, Express™, Expression™, Emphasis™, Congo™, Strand 500/300 Series via ASCII
- Multiple MIDI and/or SMPTE Time Code Inputs, MIDI Through and Output, Analog/Serial Inputs
- Virtual Media Server function for pixel mapped effects, images and animations

ORDERING INFORMATION

Eos

PART #	DESCRIPTION
4250A1010	Eos 4K Control Desk, 4,096 Outputs/Parameters
4250A1012	Eos 4K Remote Processor (RPU), 4,096 Outputs/Parameters
4250A1019	Eos/Eos RPU 4K Upgrade Kit, 4,096 Outputs/Parameters (Max. is 16,384 Outputs/Parameters)
4250S1001	Client Software Kit

Output protocols are distributed using ETCNet2 DMX nodes, Net3 DMX/RDM gateways, I/O gateways and Show Control gateways providing switch closure, MIDI and SMPTE time code functionality.

Eos Accessories

PART #	DESCRIPTION
4250A1022	Net3 Radio Focus Remote (RFR) 2.4GHz
4310A1002	Universal Fader Wing - 2x10
4310A1003	Universal Fader Wing - 2x20
4250A1017	Net3 Remote Video Interface (RVI)
4250A2012	Eos Button Module - 60 Button
4250A1008	Eos Button Module - 5 Button
4250A2016	Eos Button Module - Filler
PSR1032	Eos Flightcase

Eos Offline Editor software for Mac and PC platforms is available for download from www.etcconnect.com



SPECIFICATIONS

SYSTEM CAPACITY

- 4096, 8192, 12,288 or 16,384 Outputs/Parameters
- 10000 Control Channels (devices)
- 10000 Cues
- 999 Cue Lists
- 200 active Playbacks
- 300 Submasters
- 30 Fader Pages
- 4 x 1000 Palettes (Intensity, Focus, Colour, Beam)
- 1,000 Presets (all palette)
- 1,000 Groups
- 1,000 Effects (relative, absolute or step)
- 1,000 Macros
- 1,000 Snapshots
- 1,000 Curves
- Supports three external DVI/SVGA monitors at minimum 1280x1024 resolution, with optional touchscreen control
- Hard Disk
- USB ports for flash drives, pointing devices, keyboards

DISPLAY FUNCTIONS

- 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
 - 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 Colour 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
 - Colour coded intensity levels indicate direction of move
 - Colour coded non-intensity levels indicate change from previous state

SPECIFICATIONS

- Graphic differentiation of moving lights, single parameter devices and unpatched channels
- Channel Layouts
 - 1000 Channel Layouts
 - User-defined topographical view of channels
 - User-definable view of parameters and/or parameter categories
- Patch Views
 - Patch by channel
 - Patch by address
 - Assign proportional patch value, curve, preheat value for intensity
 - Swap pan and tilt
 - Invert pan and tilt
 - Custom fixture editor
- Playback Status Display
 - Accesses status of 30 fader pages
 - 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

PLAYBACK CONTROLS

- Master Playback crossfade pair with 2 100mm motorised potentiometers, Go, Stop/Back and Load
- 30 pages of 10 100mm motorised 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 Assert/Channel select
- 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

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; Including even, odd, random and reverse
- Sneak
- User definable home
- Home by parameter, parameter category or all non-intensity parameters
- 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 and Lowlight, with optional Rem Dim
- Lamp controls to strike and douse arc sources, calibrate devices

PROGRAMMING FEATURES

- Channel Functions
 - Non Intensity parameters set via numeric entry or pageable encoders
 - Encoders support software controlled tactile response
 - Local display of color and gobo images
 - Colour matching to gel selector or Hue/Saturation colour picker
 - 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 effects
 - Multi-part effects easily synchronise 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
 - Cue List Assert
 - Fader as progress controller or intensity master
 - Record manual values or channels in use
 - Autoplay back recorded cues
 - Referenced or auto-mark instructions
 - Block at cue or parameter level
 - Assert at cue or parameter level

SPECIFICATIONS

- Allfade flag
- Follow or hang times
- Out of sequence link
- Loop functions
- Cue level parameter category timing
- 20 part multi-part cues with default part assignment
- Cue level rate override
- Mark flags for Auto- or referenced marks
- 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
- Submaster Recording and Playback
 - 300 additive or inhibitive submasters
 - Bump button timing for fade up/dwell/fade out
 - Assert/Channel select button
 - Exclusive Mode
 - Fader as progress controller or intensity master
 - Bump button to mark NPs
 - Independent status
 - Motorised faders match level across all devices and when paging
 - Submaster mapping on the fly

INTERFACES

- Ethernet (four ports) 802.3af compliant PoE
- ETCNet2™
- Net3™ (powered by ACN)
- Avab UDP
- ArtNet
- Three video connectors support DVI/SVGA external displays (minimum 1280x1024) with optional touch screen control
- USB multipurpose (four ports)
- Radio Focus Remote (RFR)
- MIDI Timecode, MIDI Show Control through Gateway
- SMPTE Timecode through Gateway
- Contact closure (12 analog inputs, 12 SPDT contact outputs, RS-232) through Gateway

INTERFACES

- AC input (100 - 240V at 50/60 Hz)
- Power consumption (less external monitors) approximately 1.5A at 230V

PHYSICAL

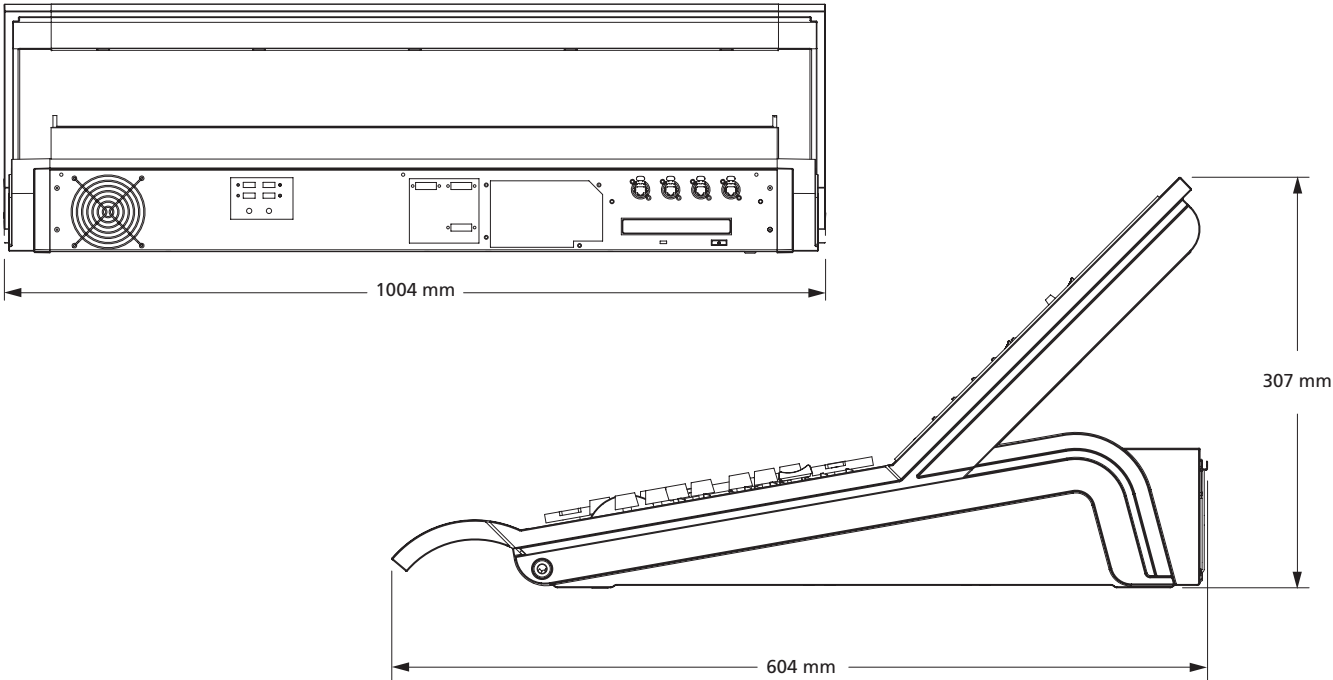
Eos Dimensions*

MODEL	HEIGHT	WIDTH	DEPTH
	mm	mm	mm
Eos Control Desk	307	1004	604
Eos in Shipping Container	432	1118	762
Eos in Flight Case	432	1143	864

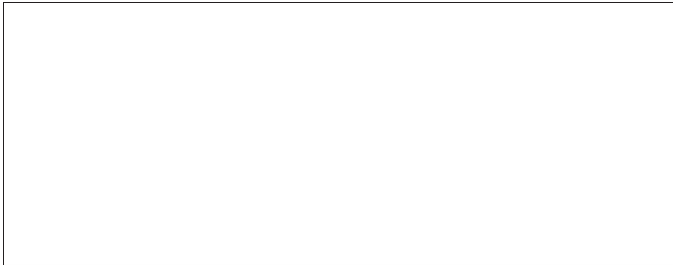
Eos Weights*

MODEL	WEIGHT
	Kg
Eos Control Desk	40.8
Eos in Shipping Container	51.3
Eos in Road Case	77.1

*Weights and dimensions typical



AVAILABLE FROM



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