# ( E 🕼 (100V 115/120V 230/240V

## **Eos<sup>®</sup> Series**



## GENERAL INFORMATION

Gio @5 provides complete control of conventional and moving lights, LEDs and media servers. It supports multiple users with partitioned parameter control and full backup, multiple playback faders and cue lists in a tracking, move-fade environment, with unique ftactile response encoders. The desk includes one integral articulating multitouch display, backlit buttons and user-definable keys..

#### FEATURES

**ETC**<sup>®</sup>

- 4,095 or 24,576 outputs
- 16,000 control channels (any number from 1- 99,999)
- Up to 99 discrete users
- Partitioned control
- Master playback pair with motorized 60mm faders
- Five 60mm motorised faders x 200 pages for configurable cue lists, submasters, grand masters, IFCB Palette/Presets lists or individual instances
- One 17.3 inch multi-touch LCD touchscreen for display, direct selection and context-sensitive control
- 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, gel picker, browser and other controls
- Four force-feedback encoders for non-intensity parameter control
- Configurable high-density channel display, with format and flexi-channel modes
- User-designed, interactive magic sheets
- Up to six abstract color spaces, tinting, spectrum and fade path tools.
- ETCNet2 and Net3 (powered by ACN), Art-Net and Avab<sup>®</sup> UDP output protocols
- Show import from Obsession, Express, Expression<sup>®</sup>, Emphasis<sup>®</sup>, Congo<sup>®</sup>, Cobalt<sup>®</sup>, Grand MA1, Grand MA2, Safari and Strand 500/300 Series
- Two individually configurable Ethernet ports
- Multiple MIDI and/or SMPTE TimeCode Inputs, MIDI In and Out, Analog/Serial Inputs, OSC transmit/receive
- Virtual Media Server function for pixel-mapped effects, images and animations
- Support for multiple languages, including English, German, Spanish, French, Italian, Japanese, Korean, Russian and Chinese (Simplified and Traditional)

#### ORDERING INFORMATION

#### Gio @5 Control Desk

PART NO.	DESCRIPTION
4390A1014-EU	Gio @5 Control Desk, 4,096 outputs (min.) (Option for 24,576 outputs (max.)
4310A1015-EU	Eos Remote Processor 3, 4,096 outputs (min) (Option for 24,576 outputs (max)
4390A0061	Gio @5 Initial Upgrade 20,480 outputs
4390A0060	Gio @5 After-sale Upgrade 20,480 outputs
4350A0064	Eos RPU3 Initial Upgrade 20,480 outputs
4350A0063	Eos RPU3 After-sale Upgrade 20,480 outputs
4380A1011	ETCnomad 512 (as Client Software Kit)

Output protocols are distributed using ETCNet2 DMX Nodes or Net3 DMX/RDM Gateways. I/O Gateways and Show Control Gateways provide switch closure functionality, MIDI and SMPTE TimeCode.

#### Gio @5 Accessories

PART NO.	DESCRIPTION	
4240A1021-EU	Eos Motorized Fader Wing 10	
4240A1022-EU	Eos Motorized Fader Wing 20	
4240A1023-EU	Eos Standard Fader Wing 20	
4240A1024-EU	Eos Standard Fader Wing 40	
4250A1130	Net3 Remote Video Interface 3 19" 2U	
PSR1078-EU	Gio @5 Flightcase, trolley style, black	

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

Gio @5 requires Windows 7 compatible external monitors, 1280x1024 minimum resolution, standard, touch or multi-touch

#### SHIPS WITH:

- Dust cover
- One Littlite
- Mouse and mousepad
- External backlit alphanumeric keyboard (choose between US English, German, French, Spanish, Russian and Scandinavian)
- Two active display port to DVI adapters
- Locking IEC to UK13A and IEC to Schuko power cords



## **Eos Series**

### SPECIFIC ATIONS

#### SYSTEM CAPACITY

- 4,096 or 24,576 outputs
- 16,000 Control Channels (devices)
- 10,000 Cues
- 999 Cue Lists
- 200 Active Playbacks
- 999 Submasters
- 200 Fader Pages
- 4 x 1,000 Palettes (Intensity, Focus, Colour, Beam)
- 1,000 Presets (all palette)
- 1,000 Groups
- 1,000 Effects (relative, absolute or step)
- 99,999 Macros
- 1,000 Snapshots
- 1,000 Curves
- 1,000 Colour Paths
- Supports two external display port monitors at 1280 x 1024 (minimum resolution required with optional touch or multi-touch control)
- Solid-state hard drive
- 11 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 touchscreen. External views may be posted separately or expanded across available displays. Three user-configurable workspaces per display, with split-screen/sizing controls.
- The Central Information Area accesses:
  - Browser
  - File Management
  - System Defaults
  - Show Defaults
  - Desk Defaults
  - Partition Definitions
  - Network Configuration
  - Show Data Utilities
  - Print to PDF
  - Record Target Lists
  - Help
  - 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
  - Option to display referenced by number or label

### SPECIFIC ATIONS

- Colour-coded non-intensity levels indicate change from previous state
- Graphic differentiation of moving lights, single parameter devices and unpatched channels
- Magic Sheets
  - User-defined interactive display layouts
  - Objects and images may be imported
- Patch Views
  - Patch by channel
  - Patch by address
  - Patch by Device List (RDM)
  - Assign proportional patch value, curve, preheat value for intensity
  - Swap/Invert pan and tilt
  - User configurable shutter order
- Custom fixture editor
- Playback Status Display
  - Accesses status of all fader pages
- Expanded cue list for selected cue. Optional dynamic countdown of active cues
- Order/hide content per instance
- Cue List Index
- Effect Editor
- Group Editor
- Park Display
- Dimmer Monitoring
- Submaster list

#### PLAYBACK CONTROLS

- Master Playback crossfade pair with two 60mm motorized potentiometers, user-configurable button/slider behavior
- 200 pages of five 60mm motorised faders, each configurable as:
  - IFCB Palette/Presets Lists or single instances
  - Single playback, with user-configurable button/slider behavior
  - Grand Master with Blackout
  - Additive or Inhibitive Submaster, with user-configurable button/slider behavior
- Rate controller
- Playback fader controls include:
  - Load to assign cue lists
  - Timing Disable
  - Off/On
  - Release
  - Filters
  - Freeze
  - Assert
  - Manual Override
  - Rate
  - Go To Cue 0
  - Spread
  - Background enabled/disabled
  - 10 Priority States

Disconnect Macros

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- 10 Background Priority States
- Parameter and channel filters **MACROS**

• Startup and Shutdown Macros

May be set to play background or foreground

## **Eos Series**

## SPECIFIC ATIONS

#### MANUAL CONTROL

- Channel selection from keypad and/or 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; including even, odd, random and reverse
- Fan
- 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 user-definable 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
  - Color matching to gel selector
  - Color Path, color tinting and color spectrum tools
  - 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
  - Channel level overrides
  - Cue level overrides
  - Entry mode determines how parameters enter effects
  - Exit mode determines how parameters depart effects
- Cue Recording
  - Cue List HTP/LTP Intensity
  - Cue List Priority and Background Priority
  - Cue List Assert
  - Fader as progress controller, manual or intensity master
  - Record manual values or channels in use
  - Auto playback of recorded cues
  - Referenced or auto-mark instructions
  - Block at cue or parameter level

### SPECIFIC ATIONS

- Assert at cue or parameter level
- All-fade 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
  - Triggers macros
  - 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
  - 999 additive or inhibitive submasters
  - Bump button timing for fade up/dwell/fade out
  - Assert/Channel select button
  - Exclusive or Shielded Mode
  - Background enable/disable
  - Restore to background or minimum value
  - LTP/HTP intensity
  - Fader as progress controller or intensity master
  - Bump button to mark NPs
  - Priority and Background Priority status
  - Motorised faders match level across all devices and when paging
    - Submaster mapping on the fly
- Curves
  - Assignable in patch to modify dimmer output ramp
  - Assignable at cue or cue part level to modify intensity crossfade profile or non-intensity parameter ramping

#### INTERFACES

**ELECTRICAL** 

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- Ethernet (two ports)
- ETCNet2, Net3 (powered by ACN), Art-Net and Avab UDP output protocols
- Four DMX/RDM ports
- Contact-closure triggers via D-Sub connector
- Two video connectors support DisplayPort external displays (1280x1024) with optional single-touch or multi-touch screen control

• Contact closure (12 analog inputs, 12 SPDT contact outputs,

Power consumption (less external monitors) approximately

• USB multipurpose bus (11 ports)

• SMPTE TimeCode through Gateway

• AC input (100 - 240V at 50/60 Hz)

RS-232) through Gateway

- OSC Transmit/Receive
- UDP Transmit/ReceiveMIDI In/Out through Gateway

1A at 230V

## **Eos Series**

### PHYSICAL

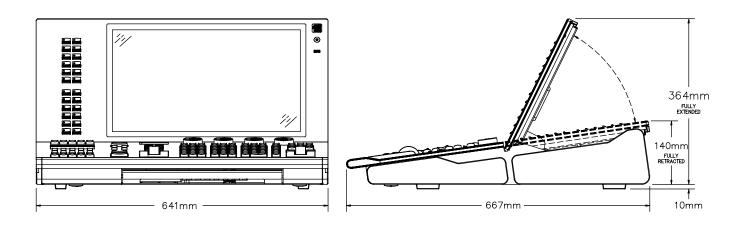
#### Gio @5 Dimensions\*

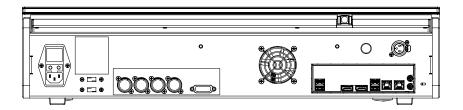
MODEL	HEIGHT	WIDTH	DEPTH
	mm	mm	mm
Gio @5	140/364	641	667
Gio @5 in shipping dimensions	342	769	775

#### Gio @5 Weights\*

MODEL	WEIGHT	
	kgs	
Gio @5 console	23.6	
Gio @5 in shipping container	27.7	

\*Weight and dimensions typical







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