



# EOS<sup>®</sup> FAMILY LIGHTING CONTROLS

visual environment technologies | [etcconnect.com](http://etcconnect.com)





# EOS IS EVERYWHERE

From Broadway shows, opera houses, theme parks, awards shows, houses of worship and television studios to school auditoriums and basement theatres, Eos enables the world's best lighting. Eos® family controllers are built for venues of every scale, but they share a common programming surface and powerful software. With Eos, your workspace is familiar – no matter where your work takes you.







# EOS SPEAKS THE LANGUAGE OF LIGHT

With a straightforward programming syntax and a wealth of features that let you dive deep into granular control, Eos turns your thoughts into light. The award-winning Eos colour tools provide unprecedented control over the nuances of LED colour-mixing, while customisable Magic Sheets and Direct Selects speed tech processes and let you build customised interfaces optimised for your workflow.



## All Eos-family consoles support:

- 10,000 Cues
- 1,000 each Intensity, Focus and Beam Palettes, Groups, Curves, Presets, Effects, Snapshots and Colour Paths
- 99,999 Macros
- 32,768 channels, addressable from 1 to 99,999
- Patch up to any 256 universes within the sACN 65,536 universe specification
- Award-winning colour controls, including six Colour Pickers and Gel Picker for LED and CMY colour mixing
- User definable Direct Selects
- User configurable, interactive Magic Sheets
- Partitioned control
- Up to 99 discrete users
- Stepped, Relative and Absolute Effects
- Device discovery and troubleshooting via RDM
- Real-time clock programming
- ETCNet2, Net3 /ACN, Art-Net and Avab UDP output protocols
- Distributed DMX, MIDI, SMPTE and contact closure via Net3 and Response Gateways
- OSC Transmit/Receive
- UDP Transmit/Receive
- Remote control via iRFR/aRFR mobile apps and TFR ETCpad app
- Support for multiple languages, including English, German, Spanish, French, Italian, Japanese, Korean, Russian and Chinese (Simplified and Traditional)
- Show import from ETC legacy, Cobalt® family consoles, Safari, Strand 500/300 Series, grandMA (1) and grandMA2, Transtechnik NT(x)
- Lightwright® import (Lightwright is a registered trademark of John McKernon Software)

# EOS EVOLVES

Backed by ETC's commitment to support and development, Eos software is constantly growing and changing with the needs of the lighting industry. An investment in Eos is an investment in the future. You'll never be charged for software updates, and the power of your lighting control system will grow with each new release.







# WHERE WILL EOS TAKE YOU?

## Eos Ti

The flagship Eos family console provides ultimate control at your fingertips, with a backlit programming surface, two integrated, wide-format multi-touch monitors, six encoders and ten pageable, motorised faders, plus a master fader pair. Large intelligent rigs, media servers, LEDs, timecode programming, busking – Eos Ti handles it all with style.



## Gio

Combining power and portability, the lighter-weight Gio console provides hands-on access to playbacks, encoders, and two multi-touch monitors. It's a powerful, professional desk – built for the tech table or the road.



## Gio @5

The perfect desk for touring shows, studios and busking gigs, the Gio @5 has all the professional essentials – five pageable, motorised faders, four encoders and a generous touchscreen that provides easy access to Magic Sheets and Direct Selects – in a footprint that fits any work space.



## Ion Xe & Ion Xe 20

The workhorse of the smaller venue, Ion Xe puts the focus on programming. With a full, backlit programming surface and four encoders, simply connect your external displays and you're ready to run your show. Want more hands-on control? Customise your setup with modular fader wings, or opt for the built-in fader bank of the Ion Xe 20 console.



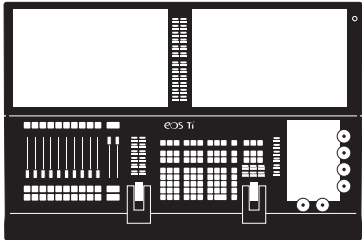
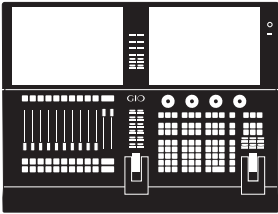
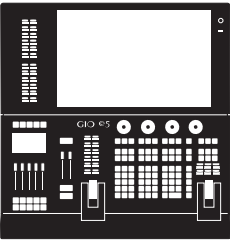
## Element 2

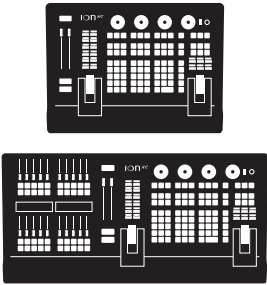
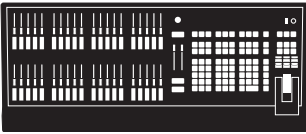

Element 2 brings the most essential Eos programming features to the surface, focusing on simple, hands-on control. First-time users can use the 40 standard faders to quickly build lighting looks, while experienced programmers can dive deeper into the software to access more advanced features.



## ETCnomad & ETCnomad Puck

Take Eos with you wherever you go. ETCnomad software runs natively on Mac and PC. Use it as an offline editor, or connect to your rig via a Gadget or a gateway to control your lights directly from your laptop. Need the security of dedicated hardware? The ETCnomad Puck is the perfect controller for small spaces or remote programming stations. Puck also makes an ideal tech-table remote video unit.

	Eos Ti	Gio	Gio @5
			
Outputs	4,096 or 24,576	4,096 or 24,576	4,096 or 24,576
Channels	32,768	32,768	32,768
Cue Lists	999	999	999
Virtual Media Server	40 maps	40 maps	40 maps
Master Fader Pair	Yes	Yes	Yes
Faders	10x 100mm motorised faders	10x 100mm motorised faders	5x 60mm motorised faders
Multifunction encoders	6 (haptic) + virtual controls	4 (haptic)	4 (haptic)
Integrated displays	2x 18.5” articulating, wide-format, multi-touch; 1x 9” dedicated encoder, multi-touch	2x 12.1” articulating multi-touch	1x 18.5 inch articulating multi-touch
External displays supported (standard, single- or multi-touch)	3 DisplayPort monitors	3 DisplayPort monitors	2 DisplayPort monitors
USB ports	11	7	11
DMX ports	4	4	4
Littlite ports	2	2	1
Wings supported	3	3	3
Backlit Keys	Yes	Yes	Yes
Keyboard Tray	Yes	No	Yes

Ion Xe & Ion Xe 20	Element 2	ETCnomad & Puck
		
2,048 or 12,288	1,024 or 6,144	512 or 6,144
32,768	32,768	32,768
999	1	999
40 maps	40 maps	40 maps
Yes	Yes	Virtual
0 or 20 standard faders	40 standard faders	Virtual
4	N/A	N/A
N/A	N/A	N/A
2 DisplayPort monitors	2 DisplayPort monitors	1 HDMI monitor and 1 Mini DisplayPort monitor (ETCnomad Puck only)
5	5	4 (ETCnomad Puck only)
4	4	Via ETC Gadget, Gadget 2 or Net3/Response Gateways
1	1	N/A
3	None	3
Yes	No	N/A
No	No	N/A





# ACCESSORIES



## Remote Processing

Eos RPU3 and Ion Xe RPU units can provide primary, backup or client operation for your Eos system, giving you programming access or security wherever you need it.



## Remote Video

The Net3 Remote Video Interface (RVI3) provides designers, stage managers or staff members with local programming functions and a real-time view into the lighting system.



## Touchscreen-based focus remotes

Use the dedicated ETCpad (Portable Access Device) to access live mode commands over a wired or wireless network, or use our iOS or Android remote focus apps to control your rig from another device.



## Eos Fader Wings

Available in two sizes, these modular, USB-connectable fader banks bring additional hands-on control to any (non-Element) Eos system.



## Eos Motorized Fader Wing

Need dynamic playback control? Connect up to three Eos Motorized Fader Wings to your Eos Ti, Gio, Gio @5, Ion Xe or ETCnomad system to keep up with any fast-paced gig.



## Eos Programming Wing

Whether you're working on the go with ETCnomad/Puck or programming backstage at an RVI or RPU, the Eos Programming Wing provides a portable programming surface wherever you need it.



Stage manager's area

Net3 Remote Video Interface (RVI)

Lighting control room

Eos Remote Processor Unit 3 (RPU3)  
(Primary)

Eos Ti (Backup)

Backstage programming station

ETCpad remote

Ion Xe (Client)

Wireless access point

iRFR for iOS /  
aRFR for Android

Lighting designer's tech table

ETCnomad Puck (Client)

System integration

Net3 I/O Gateway

Net3 Show Control Gateway

Programmer's tech table

Eos Motorized Fader Wing

Gio (Client)

DMX/RDM fixtures

Response DMX/RDM  
Gateway

Power-control  
systems

Sensor®3 Power  
Control System

Source Four®  
fixtures

Power

ColorSource® CYC

SolaFrame  
Theatre

Source Four LED  
luminaires

DMX/RDM Signal

Ethernet  
network  
switch



10 in the Shade · 2900 Happiness · 5th Avenue Theatre · Aalborg Kongres & Kultur Center · Abbey Theatre · Abundant Living  
 Faith Center · Alaska Center for the Performing Arts · ALKass Sports Channel · Alvin Ailey Dance Company · Ambassador Theatre  
 Group · American Idiot · America's Most Wanted Crime Center · Angela Aki Tour · Arizona State University · Auditorio TELMEX  
 · Badisches Staatstheater Karlsruhe · Bay De Noc Community College · Billboard Music Awards · Billy Elliot The Musical · Bolshoi  
 Theater · Bring It On · Broken Arrow Performing Arts Center · Brooklyn Academy of Music · Burgtheater · Burning Coal Theatre  
 · Burnsville Performing Arts Center · C.A. Johnson High School · Cambridge Arts Theatre · Carnegie Hall · Carnegie Mellon  
 University · CBS Television City · Central School of Speech and Drama · The Chan Centre for the Performing Arts · Chapman  
 Cultural Center · Clemens Center for the Performing Arts · Clwyd Theatr Cymru · Count Basie Theatre · CNN Center · Dancing with  
 the Stars · Del Norte High School · Det Norske Teatret · Deutsche Oper Berlin · Deutsches Nationaltheater · Diamond Jo Casino  
 · Dick Clark's New Year's Rockin' Eve · Dubai TV · Dundee Rep Theatre · E.A. Rawlinson Centre for the Arts · East Grand Rapids High  
 School · El Capitan Theatre · Elf · The Ellen DeGeneres Show · English National Ballet · Everyman and Playhouse Theatres · Evita ·  
 First Baptist Oviedo · Ford's Theatre · FOX 5 WTTG · Gaiety Theatre · George W. Crozier Middle School · George Watson's College ·  
 Glee · Glyndebourne Opera · Golden Globe Awards · GRAMMY Awards · Gran Teatre del Liceu · Grand Elysée Hotel · Grand Rapids  
 Civic Theatre · Grand Théâtre de Genève · Guangzhou Opera House · Guildhall School of Music and Drama · Hanna Theatre ·  
 Harman Center for the Arts · Hoam Art Hall · Hochschule für Musik und Theater · Hollywood Bowl · HSE · Incheon Culture Center  
 · Inner-City Arts · InterContinental Hotel · Ithaca College · James Madison University · Johnnie L. Cochran Jr. Middle School · The  
 Juilliard School · Keller High School · Kelowna Community Theatre · Keyano College · Komische Oper Berlin · KTTV · La Cage aux  
 Folles · Landestheater Niederösterreich · Landstown Middle School · Late Show with David Letterman · Latvijas Nacionālais Teātris  
 · (le) poisson rouge · Lincoln Center for the Performing Arts · Lincoln University International Cultural Center · Linden Ponds ·  
 Lindenwood University · Liverpool Institute for Performing Arts · Lochwood Branch Library · Lombardi · Long Center for the  
 Performing Arts · Long Lake Camp for the Arts · Los Angeles Opera · Lost Colony Outdoor Drama · Luzerner Theater · Lyric Opera  
 of Kansas City · Margot and Bill Winspear Opera House · Mark Taper Forum · McAlester Scottish Rite Masonic Temple · Melbourne  
 Recital Centre · Middle Tennessee State University · Mighty Fortress International Church · Miss Universe Competition · Moscow  
 Theater of Nations · Muhlenberg College · Nancy Lee and Perry R. Bass Performance Hall · National Grand Theater of China ·  
 National Theater of Korea · National Theatre of Greece · National Theatre of Greece · New Wolsey Theatre · New Wimbledon  
 Theatre · New York Fashion Week · Norwich Theatre Royal · Oliver! · Orchard Hill Church · Orange County Performing Arts  
 Center · Palilula Cultural Centre · Palo Alto College Convocation Center · Partners N Progress for the Arts · Paw Paw High School  
 Performing Arts Center · Penn State University · People's Choice Awards · Pfalzau Ludwigshafen · The Phantom of the Opera ·  
 Prestonwood Baptist Church · Prinzregententheater · Rambert Dance Company · Ransom Everglades Middle School · Roanoke  
 Island Festival Park · Rock of Ages · Rogaland Teatre · Rose Theatre · Royal Court Theatre · Royal Theatre Northampton · Sadler's  
 Wells Theatre · San Francisco Opera · Sarasota Opera House · Saturday Night Live · Savoy Theatre · SeaWorld Orlando · Signature  
 Theatre · Slovensko narodno gledališče Drama Ljubljana · So You Think You Can Dance · Spanish Broadcasting System · St. Norbert  
 College · Stadttheater Gießen · Starlight Casino · State Theatre Centre of Western Australia · Statens Teaterskole · Steppenwolf  
 Theatre Company · Stone Mountain Theme Park · Stratford Shakespeare Festival · Sun Valley Music Pavilion · Supreme Master  
 Television · Sydney Opera House · Tabernacle of the Church of Jesus Christ of Latter-day Saints · Teatro La Fenice · Teatro México ·  
 Teatrul Național Vasile Alecsandri · Theater Basel · Theater Osnabrück · Theater St. Gallen · Teatro Municipal · The Tony Awards  
 · Turner Studios · Turtle Creek Casino and Hotel · TV 2 · twofour54 Abu Dhabi · Ukraina Television Studios · United States Senate  
 · University of Iowa · University of Memphis · University of York · Upland High School · Volksbühne · Volkstheater · W Atlanta  
 Hotel · War Horse · Warszawa Nine Club & Restaurant · Watford Palace Theatre · The Weather Channel · Webster University  
 · Welsh National Opera · Wexford Opera House · Wiener Staatsoper · Williamsburg Community Chapel · Wortham Theater  
 Center · WPLG-TV Miami · Yerevan Dramatic Theatre · Young Frankenstein The Musical · Young Vic · Zorlu Center Istanbul



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