

Eos[®] family

LIGHTING CONTROLS



Supplied by:
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*"Eos is a way to get what's in your mind
and in your heart out on stage."*

– Al Crawford, lighting director, Alvin Ailey American Dance Theater

From the world's biggest stages to the local auditorium and everywhere in between, Ti[®] speaks the language of light. You can think less about the mechanics of the system and more about the design of your show – no interpreter required.

Eos Titanium

Big-name show with hundreds of intelligent fixtures or media servers? Ti can do that. Controlled workspaces with customized views? Ti can do that, too. Ti offers unmatched depth and power without a complicated programming syntax. It controls moving lights, media servers, conventionals and LEDs with logical commands and fewer keystrokes, making the entire design process faster and easier.

Product features

- Substantial programming surface
- Two 17" articulating multi-touch displays
- Large 9" multi-touch encoder display
- Dedicated pan and tilt encoders + four pageable encoders
- Easy-to-navigate backlit keypad
- 20 user-defined buttons
- Solid-state hard drive
- Supports up to three external multi-touch displays
- Master fader pair + 10 motorized faders x 30 pages



*A compact lighting control desk that saves space and handles shows of all sizes...
With Eos-programming DNA, Gio is fuel for the road.*

Gio®

Large touring show with a complex rig? Gio can do that. Back and forth between the control booth and tech table? Gio can do that, too. Wrapped in a tidy package, it can be carried around a venue or taken on the road. With a fast, accessible control surface, two articulating, multi-touch displays and no need for external monitors or fader wings, Gio is an on-the-go desk.

Product features

- Layout of control keypad consistent with Ti
- Two 12.1" articulating multi-touch displays
- Four pageable encoders
- Easy-to-navigate backlit keypad
- Solid-state hard drive
- Supports up to three external multi-touch displays
- Master fader pair + 10 motorized faders x 30 pages

"Gio provides the complete control of Eos in a design that is both compact and portable yet easy to use."

– Daniel Murfin, lighting control supervisor, Royal National Theatre, London, UK







Ion®

With the same features as her big sisters, Ion packs powerful control into a small, 19" format ready to go on the road or just to the cramped back row of a small theater. From performing basic, everyday functions to composing the most complex designs, Ion has beginners and pros covered. It can be used stand alone, in a networked Ion system or as a client in a larger Eos-family system. The control surface can also be extended with Universal Fader Wings.

"In venues like ours, where there is a different production every evening, time is always an issue and flexibility a must. Ion does it all."

– Frank Schober, chief electrician, Badnerhalle Cultural Center, Rastatt, Germany

Element™

Modest rigs can have Eos-family control, too. Designed for systems with predominantly conventional fixtures, a small number of LEDs or simple moving lights, and smaller venues with a single operator or volunteer staff, Element provides fundamental – yet powerful – capabilities: channel faders, submasters, a master cue list, effects, and controls at the push of a button for accessory, LED and moving lights.

"Element combines power and value."

– Grant Gatlin, owner, Illumination Concepts LLC, Orange County, California





ETCnomad™

Lighting control wherever you want to go. No room in your luggage for your lighting desk? Take ETCnomad. In-house lighting system a relic? ETCnomad is the answer. Want Eos capabilities for one show and ETC Cobalt® for another? ETCnomad can do it. A device small enough to fit on your keychain, ETCnomad connects to your PC or Mac and can serve as a primary controller, a backup or a client device – or work offline entirely.

Product features

- Computer-based lighting control software; compatible with Windows 7, Windows 8 and Macintosh OS X Mavericks/Yosemite
- Can run both Eos/Element and Cobalt software
- Available in 256, 512, 1024, 1,536 and 2,048 outputs
- Net3/ACN/sACN and ArtNet output, DMX via ETC Gadget and DMX/RDM via Net3 Gateways
- RFR, iRFR and aRFR supported

ETCnomad Puck™

The ETCnomad Puck mini-computer is like a bodyguard for your show. Offering the same functionality as ETCnomad, ETCnomad Puck lets you to program and run your shows without worrying about your laptop getting roughed up or going missing. It only allows ETC applications to be installed, keeping your files safe and secure while preventing your crew from playing video games or browsing the Internet when they should be programming.

Product features

- Can run both Eos/Element and Cobalt software
- Available in 256, 512, 1024, 1,536 and 2,048 outputs
- Serves as primary, backup or client and can be used offline
- Three USB ports, one network port and two HDMI video outputs included
- Net3/ACN/sACN and ArtNet output; DMX via ETC Gadget and DMX/RDM via Net3 Gateways
- Net3 Show Control and I/O Gateways, OSC and UDP triggers



All Eos-family consoles support:

- Moving light/LED/media server library containing thousands of devices. Units with multiple modes organized for clarity
- 10,000 cues
- 1,000 groups
- 1,000 each Intensity, Focus, Color and Beam Palettes
- 1,000 step, absolute and relative effects
- 999 additive, inhibitive or effects submasters, with independent, shielded, restore and background modes. Optional fade up/dwell/fade down times for bump activation
- Magic Sheet layouts for customized, interactive channel views and controls
- Auto-playback on Record
- Selectable color spaces, gel picker, color tinting tools, selectable color fade profiles and spectrum tools, including hold white point. User-definable color temperature matches
- Real-time clock programming
- Device discovery and troubleshooting via RDM
- Sensor[®] CEM+, CEM3[™] and FDX dimmer feedback and controls
- Network protocols for data distribution (ETCNet3[™], Net2[™], Artnet, Avab[®] UDP). Outputs individually configurable for desired protocols.
- Support of Net3 Gateways for DMX/RDM, Show Control (SMPTE, MIDI) and I/O (contact closure, relay, serial)
- Remote control via Net3 RFR, iRFR (iPad, iPhone, iPod touch) and aRFR (Android devices)
- Client software for PCs and Apple computers (native) via ETCnomad dongle
- Offline software for PCs and Apple computers (native); facility to connect to a Network for client operation (Mirror Mode only on Element)
- Show file import from legacy ETC controls, Congo[®] and Cobalt[®] family, Strand 500/300 systems, MA1, MA2, Transtechnik NT and Avab VLC
- Lightwright import
- Support for multiple languages, including English, German, Spanish, French, Italian, Japanese, Korean, Russian, and Chinese (Simplified and Traditional)
- Virtual keyboard for labeling and notes, user-selectable in up to 16 languages

(Android is a trademark of Google Inc. iPhone, iPod, iPad and iPod touch are registered trademarks of Apple Inc.)

Eos Ti



Maximum outputs	32,768
Maximum channels	16,000
Channel faders	N/A
Cue lists	999
Presets	1,000
Virtual media server	40 maps
Snapshots	1,000
Multi-user	12
Partitioned control	Yes

Physical controls

Playbacks	10 x 30 pages + Master
Internal displays	Two 17" articulating, wide-format, multi-touch; One 9" dedicated encoder, multi-touch
External displays	3 display ports (standard, single- or multi-touch)
Multifunction encoders	6 + virtual controls
USB ports	11
Universal Fader Wings	6
Backup	Via Eos RPU3, ETCnomad, ETCnomad Puck or other desk

Gio	Ion	Element
		
32,768	6,144	1,024
16,000	16,000	500
N/A	Provided by optional fader wings	40 x 3 pages
999	999	1 main
1,000	1,000	N/A
40 maps	40 maps	N/A
1,000	1,000	1,000
12	4	Mirror mode only
Yes	Yes	N/A

10 x 30 pages + Master	Master, Blackout/Grand Master	1
Two 12.1" articulating multi-touch	572 x 90 pixel, monochrome	N/A
3 display ports (standard, single- or multi-touch)	2 DVI/SVGA (standard or single-/multi-touch)	2 DVI/SVGA (standard or single-touch)
4 + virtual controls	4 + virtual controls	Multiple, virtual only
7	7	7
6	6	N/A
Via Eos RPU3, ETCnomad, ETCnomad Puck or other desk	Via Ion RPU, ETCnomad, ETCnomad Puck or other desk	ETCnomad, ETCnomad Puck or Element

Stage manager's area



Net3 Remote Video Interface (RVI)

On-stage tech desk



Net3 Radio Focus Remote (RFR)

Ion (Client)

Lighting director's office



ETCnomad for PC (Client)

Lighting designer/tech table



ETCnomad for Mac (Client)



Gio (Client)

Power-control systems



Sensor®3 Power Control System



Source Four® fixtures

Power

Lighting control room



Eos Ti (Backup)



Eos Remote Processor Unit 3 (RPU3)
(Primary)

Wireless access point



iRFR for iOS /
aRFR for Android

System integration



Net3 I/O Gateway



Net3 Show Control Gateway

DMX/RDM fixtures



Net3 DMX/RDM
Gateway

DMX/RDM Signal



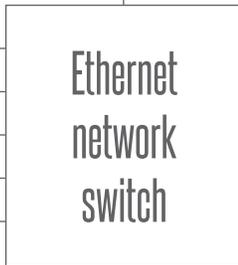
Source Four
Revolution®
fixtures



Selador® Desire®
LED luminaires



Source Four LED
luminaires



Ethernet
network
switch

