Eos® family
LIGHTING CONTROLS
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 multitouch displays
- Large 9” multitouch 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 multitouch displays
- Master fader pair + 10 motorized faders x 30 pages

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 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
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, multitouch 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 articulating multitouch displays
• Four pageable encoders
• Easy-to-navigate backlit keypad
• Solid-state hard drive
• Supports up to three external multitouch 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
With the same features as its 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
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
All Eos-family products 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
- 300 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
- Color and gel picker with gel match optionally set from the command line
- 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 a client 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® family, Strand 500/300 systems, Transtechnik NT and Avab VLC via ASCII
- 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 15 languages

<table>
<thead>
<tr>
<th>Eos Ti™</th>
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</thead>
<tbody>
<tr>
<td>Maximum outputs</td>
</tr>
<tr>
<td>Maximum channels</td>
</tr>
<tr>
<td>Channel faders</td>
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<tr>
<td>Cue lists</td>
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<tr>
<td>Presets</td>
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<tr>
<td>Virtual media server</td>
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<tr>
<td>Snapshots</td>
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<tr>
<td>Multi-user</td>
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<tr>
<td>Partitioned control</td>
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</tbody>
</table>

**Physical controls**

- **Playbacks**: 10 x 30 pages + Master
- **Internal displays**: Two 17” articulating, wide-format, multitouch; One 9” dedicated encoder, multitouch
- **External displays**: 3 DVI/SVGA (standard, single- or multitouch)
- **Multifunction encoders**: 6 + virtual controls
- **USB ports**: 11
- **Universal Fader Wings**: 6
- **Backup**: Via Eos RPU3 or other desk

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<table>
<thead>
<tr>
<th></th>
<th>Gio®</th>
<th>Ion®</th>
<th>Element™</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outputs</strong></td>
<td>8,192</td>
<td>3,072</td>
<td>1,024</td>
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<tr>
<td><strong>Channels</strong></td>
<td>10,000</td>
<td>10,000</td>
<td>500</td>
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<tr>
<td><strong>Channel Faders</strong></td>
<td>N/A</td>
<td>Provided by optional fader wings</td>
<td>40 x 3 pages</td>
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<tr>
<td><strong>Cue Lists</strong></td>
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<td>999</td>
<td>1 main</td>
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<tr>
<td><strong>Presets</strong></td>
<td>1,000</td>
<td>1,000</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Virtual Media</strong></td>
<td>40 maps</td>
<td>40 maps</td>
<td>N/A</td>
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<td><strong>Snapshots</strong></td>
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<td>1,000</td>
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<td><strong>Multi-User</strong></td>
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<td>4</td>
<td>Mirror mode only</td>
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<tr>
<td><strong>Partitioned Control</strong></td>
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<td>Yes</td>
<td>N/A</td>
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<tr>
<td><strong>Physical Controls</strong></td>
<td>10 x 30 pages + Master</td>
<td>10 x 30 pages + Master</td>
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<tr>
<td><strong>Internal Displays</strong></td>
<td>Two 17” articulating multitouch</td>
<td>572 x 90 pixel, monochrome</td>
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<td><strong>External Displays</strong></td>
<td>3 DVI/SVGA (standard, single- or multitouch)</td>
<td>2 DVI/SVGA (standard or single touch)</td>
<td>2 DVI/SVGA (standard or single touch)</td>
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<tr>
<td><strong>Multifunction Encoders</strong></td>
<td>4 + virtual controls</td>
<td>4 + virtual controls</td>
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<tr>
<td><strong>USB Ports</strong></td>
<td>11</td>
<td>7</td>
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<tr>
<td><strong>Universal Fader Wings</strong></td>
<td>6</td>
<td>6</td>
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<tr>
<td><strong>Backup</strong></td>
<td>Via Eos RPU3 or other desk</td>
<td>Via Ion RPU or other desk</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Stage manager’s area

Net3™ Remote Video Interface (RVI)

On-stage tech desk

Net3 Radio Focus Remote (RFR)

Ion® (Client)

Lighting director’s office

PC (Client)

Lighting designer/tech table

Mac (Client)

Gio® (Client)

Power-control systems

Sensor3™ Power Control System

Source Four® fixtures

Power
Eos Ti™ (Backup)

Eos Remote Processor Unit 3 (RPU3) (Primary)

Ethernet network switch

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