

EOS FAMILY LIGHTING CONTROLS



EOS IS EVERYWHERE

From Broadway shows, opera houses, theme parks, awards shows, houses of worship and television studios to school auditoriums and basement theaters, 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 color tools provide unprecedented control over the nuances of LED color-mixing, while customizable Magic Sheets and Direct Selects speed tech processes and let you build customized interfaces optimized for your workflow. The integrated Augment3d 3D programming environment brings the virtual and real worlds together seamlessly.

All Eos-family consoles support:

- 10,000 Cues
- 1,000 each Intensity, Focus and Beam Palettes, Groups, Curves, Presets, Effects, Snapshots and Color 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 color controls, including six Color Pickers and Gel Picker for LED and CMY color 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
- Net3/sACN and Art-Net network output protocols
- Networked DMX, MIDI, SMPTE and contact closure via Net3 and Response Gateways
- OSC Transmit/Receive
- UDP Transmit/Receive
- Remote control via iFR/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)
- Integrated Augment3d 3D programming environment

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 Apex

ETC's flagship line of lighting control consoles offers a sleek control interface engineered for your comfort and customization. With generous programming surfaces and the power to run complex rigs, Eos Apex is the ultimate hands-on, professional workspace – powered by the ultimate control platform.



Gio @5

The perfect desk for touring shows, studios and busking gigs, the Gio @5 has all the professional essentials – five pageable, motorized 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? Customize your setup with modular fader wings, or opt for the built-in fader bank of the Ion Xe 20 console.




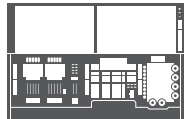
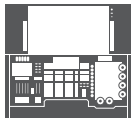


Element 2

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 & ETC 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 ETC Puck is the perfect controller for small spaces or remote programming stations. Puck also makes an ideal tech-table remote video unit.

	Apex				Gio Class
					
	Eos Apex 20	Eos Apex 10	Eos Apex 5	Eos Apex Processor	Gio @5
Output	24K	24K	24K	24K	4K or 24K
Footprint	1422 mm x 648 mm (56.00 in x 25.53 in)	1219 mm x 648 mm (48.00 in x 25.53 in)	864 mm x 648 mm (34.00 in x 25.53 in)	435 mm x 345 mm (17.13 in x 13.60 in)	641 mm x 667 mm (25.25 in x 26.25 in)
Weight	66.68 kg (147 lb)	61.24 kg (135 lb)	44 kg (97 lb)	9.16 kg (20.2 lb)	23.59 kg (52.0 lb)
Internal displays	2x 27 in displays (multitouch, 4K, on dual-axis articulating panel) Dedicated high resolution multitouch encoder screen Keypad touchscreen with haptic touch feedback	2x 23.8 in displays (multitouch, 4K, on dual-axis articulating panel) Dedicated high resolution multitouch encoder screen Keypad touchscreen with haptic touch feedback	1x 23.8 in display (multitouch, 4K, on dual-axis articulating panel) Dedicated high resolution multitouch encoder screen Keypad touchscreen with haptic touch feedback	1x 5 in haptic multitouch display on front panel	1x 18.5 in articulating multitouch display
External displays supported	3x, up to 4K multitouch (Display Port connections)	3x, up to 4K multitouch (Display Port connections)	3x, up to 4K multitouch (Display Port connections)	3x, up to 4K multitouch (Display Port connections)	2x, up to 4K multitouch (Display Port connections)
Playbacks	20x 60 mm motorized faders & playback controls 20x backlit playback scroll wheels 4x 5-inch high-resolution fader displays, with multitouch and haptic touch feedback	10x 60 mm motorized faders & playback controls 10x backlit playback scroll wheels 2x 5-inch high-resolution fader displays, with multitouch and haptic touch feedback	5x 60 mm motorized faders & playback controls 5x backlit playback scroll wheels 1x 5-inch high-resolution fader displays, with multitouch and haptic touch feedback		5x 60 mm motorized faders & playback controls
Encoders	6x Haptic Encoders 8x mini encoders (+1 navigation encoder)	6x Haptic Encoders 8x mini encoders (+1 navigation encoder)	6x Haptic Encoders 8x mini encoders (+1 navigation encoder)		4x Haptic Encoders
Programming	Expanded Eos Family keypad Backlit keys 5x banks of 10 Target Keys	Expanded Eos Family keypad Backlit keys 4x banks of 10 Target Keys	Expanded Eos Family keypad Backlit keys 2x banks of 10 Target Keys		Full Eos Family keypad Backlit keys Controls keys
Other hardware	Keyboard tray (keyboard & mouse included) Accessory tray Left & right booklights	Keyboard tray (keyboard & mouse included) Accessory tray Left & right booklights	Keyboard tray (keyboard & mouse included) Left & right booklights	External keyboard & mouse (included) 2U rack-mountable (rack ears included)	Keyboard tray (keyboard & mouse included)
Inputs & Outputs	4x etherCON Gigabit ports with PoE++ 2x SFP+ 10Gb port, for copper or fber connections (modules sold separately) 4x I/O Garage slots, to expand input/output with Response Gateways & Gadget II 12x USB-A 3.1 ports 8x USB-C 3.1 ports 2x Dedicated personal electronics charging USB-A ports (12.5 W @ 5 V) 2x Littlite port (2x 24 in LED gooseneck included) 2x Kensington lock ports	4x etherCON Gigabit ports with PoE++ 2x SFP+ 10Gb port, for copper or fber connections (modules sold separately) 4x I/O Garage slots, to expand input/output with Response Gateways & Gadget II 12x USB-A 3.1 ports 8x USB-C 3.1 ports 2x Dedicated personal electronics charging USB-A ports (12.5 W @ 5 V) 2x Littlite Port (2x 24 in LED gooseneck included) 2x Kensington lock ports	4x etherCON Gigabit ports with PoE++ 2x SFP+ 10Gb port, for copper or fber connections (modules sold separately) 4x I/O Garage slots, to expand input/output with Response Gateways & Gadget II 8x USB-A 3.1 ports 6x USB-C 3.1 ports 1x Dedicated personal electronics charging USB-A port (12.5 W @ 5 V) 1x Littlite Port (1x 24 in LED gooseneck included) 1x Kensington lock port	4x etherCON Gigabit ports with PoE++ 2x SFP+ 10Gb port, for copper or fber connections (modules sold separately) 4x USB-A 3.1 ports 4x USB-C 3.1 ports 1x Kensington lock port	2x RJ45 Gigabit ports 4x DMX/RDM ports 9x USB-A 3.1 ports 2x USB-C 3.1 ports 1x Littlite port (1x 18 in LED gooseneck included) 1x Kensington lock port

	Ion Class			Element Class	PC/Mac processing	
						
	Ion Xe 20	Ion Xe	Ion Xe RPU	Element 2	ETC Puck	ETCnomad
Output	2K or 12K	2K or 12K	2K or 12K	1K or 6K	1K or 6K	1K or 6K
Footprint	744 mm x 362 mm (29.30 in x 14.24 in)	497 mm x 362 mm (19.55 in x 14.24 in)	435 mm x 345 mm (17.13 in x 13.6 in)	868 mm x 362 mm (34.17 in x 14.24 in)	117.5 mm x 110 mm (4.63 in x 4.33 in)	USB-A port required
Weight	7.35 kg (16.6 lb)	5.76 kg (12.7 lb)	10.21 kg (22.5 lb)	7.26 kg (16.00 lb)	1.0 kg (2.2 lb)	
Internal displays						
External displays supported	2x, up to 4K multitouch (Display Port connections)	2x, up to 4K multitouch (Display Port connections)	2x, up to 4K multitouch (Display Port connections)	2x, up to 4K multitouch (Display Port connections)	2x, up to 4K multitouch (Display Port connections)	Per device hardware
Playbacks	20x 45 mm faders & playback controls			40x 45 mm faders & playback controls		
Encoders	4x Encoders	4x Encoders				
Programming	Full Eos Family keypad Backlit keys	Full Eos Family keypad Backlit keys	Controls Keys on front panel	Full Eos Family keypad		
Other hardware	External keyboard & mouse (included)	External keyboard & mouse (included)	External keyboard & mouse (included) 2U rack-mountable (rack ears included)	External keyboard & mouse (included)		
Inputs & Outputs	2x RJ45 Gigabit ports 4x DMX/RDM ports 9x USB-A 3.1 ports 2x USB-C 3.1 ports 1x Littlite port (1x 18 in LED gooseneck included) 1x Kensington lock port	2x RJ45 Gigabit ports 4x DMX/RDM ports 5x USB-A 3.1 ports 2x USB-C 3.1 ports 1x Littlite port (1x 18 in LED gooseneck included) 1x Kensington lock port	2x RJ45 Gigabit ports 4x DMX/RDM ports 5x USB-A 3.1 ports 2x USB-C 3.1 ports 1x Kensington lock port	2x RJ45 Gigabit ports 4x DMX/RDM ports 5x USB-A 3.1 ports 2x USB-C 3.1 ports 2x Littlite port (1x 18 in LED gooseneck included) 1x Kensington lock port	2x RJ45 Gigabit ports 3x USB-A 3.1 ports 2x USB-C 3.1 ports	



ACCESSORIES



Apex Processor

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 Interface

The Remote Interface 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 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.



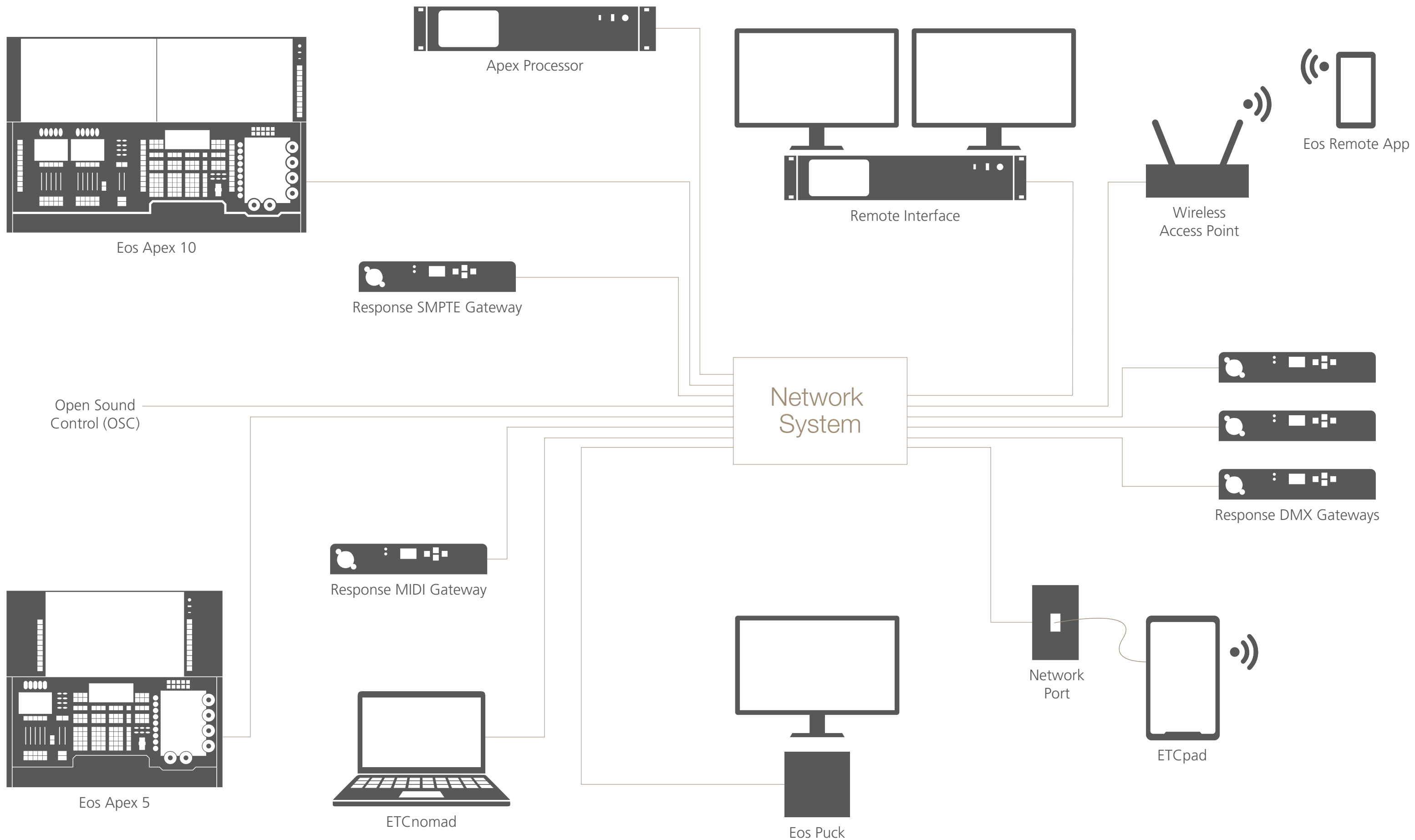
Eos Motorized Fader Wing

Need dynamic playback control? Connect up to three Eos Motorized Fader Wings to your Apex, 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.





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