ETC

Eos Apex FP

Eos Family Control

Type(s)	
Project	
Date	
Notes	

GENERAL INFORMATION

Eos Apex FP brings the same power and customization as the rest of ETC's flagship Apex consoles. And with all displays being external, Apex FP has a smaller form factor and weight, making it perfect for sites that prioritize portability and flexibility.

Apex hardware is designed to remain state-of-the-art for years to come. Top-of-the-line features include customizable Target keys for Direct Selects, a built-in soft keypad, book lights for paperwork, and generous encoder tools for LEDs, moving lights, and media control. The Eos Apex FP provides an even smaller footprint without sacrificing programming power.

Eos Family software includes:

- Approachable yet powerful syntax for programmers of every level
- Industry-leading color control tools
- Magic Sheets for custom programming and displays
- Augment3d 3D programming and visualization environment
- Virtual Media Server function for pixel-mapping
- Timecode and automation integration
- Multi-user and multi-programmer working environment

For drawings, photos, and more, visit the Eos Apex FP product webpage. To explore the latest software features, accessories, and other Eos Family products, visit etcconnect.com/Eos.

ORDERING INFORMATION

Eos Apex FP

MODEL	DESCRIPTION	PART NUMBER
EOS APEX FP	Eos Apex FP, 24,576 outputs	4450A1401 *
EOS APEX PROC	Eos Apex Processor, 24,576 outputs	4450A1021 *

* Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australian Type I

All models are available without wireless radios (WiFi and Bluetooth). Please contact ETC for ordering information.

Eos Apex FP requires Eos software version 3.2.12 or higher.

SHIPS WITH:

- One three-button scroll mouse and mousepad
- Cherry tenkeyless backlit alpha-numeric keyboard
- Locking regionalized IEC power cord
- One 24-inch LED gooseneck Littlite
- Augment3d AR target kit
- Dust cover

ADDITIONAL ORDERING INFORMATION

Eos Apex FP Accessories

MODEL	DESCRIPTION	PART NUMBER
SFP+10GB-SM-LC	SFP+ 10GB-SM-LC SFP+ 10GB Sled, single-mode fiber, Duplex LC connector *	N1126
SFP+10GB-MM-LC	SFP+10GB-MM-LC SFP+ 10GB Sled, multi-mode fiber, Duplex LC connector *	N1127
SFP+10GB-CP-RJ	SFP+10GB-CP-RJ SFP+ 10GB Sled, copper, RJ45 connector *	N1128
SFP+1GB-SM-LC	SFP+1GB-SM-LC SFP+ 1GB Sled, single-mode fiber, Duplex LC connector *	SGN1019
SFP+1GB-MM-LC	SFP+1GB-MM-LC SFP+ 1GB Sled, multi-mode fiber, Duplex LC connector *	SGN1021
EOS APEX IO KIT - DMX	I/O Garage DMX Kit to include: 4 DMX Gadget II units (8 ports DMX-OUT total)	4450K1020
EOS APEX IO KIT - SHWCNTRL	I/O Garage Show Control Kit to include: 2 DMX Gadget II units (4 ports DMX-OUT total), 1 MIDI Response Gateway (In/Thru/Out), 1 SMPTE Response Gateway (3-pin XLR In)	4450K1030
GADGET2	Gadget II, 2 ports DMX-OUT, for use in I/O Garage	4267A1104
RSN-SMPTE-P	Response SMPTE Gateway, for use in I/O Garage	4267A1007
RSN-MIDI-P	Response MIDI Gateway, for use in I/O Garage	4267A1009
RSN-SERIAL-P	Response Serial Gateway, for use in I/O Garage	4267A1011
EOS MFW 10	Eos Motorized Fader Wing 10	4240A1021 †
EOS MFW 20	Eos Motorized Fader Wing 20	4240A1022 †
EOS REM INT	Eos Remote Interface	4450A1041 †
ETCNOMAD BASE	Client Software Key Kit	4380A1011
EOS APEX FP FC	Eos Apex FP Flight Case	PSR1118
BP-RISER-9	9-inch riser, black, with two baby pin studs (16 mm, 5/8 in)	6112A3300

* For a complete list of ETC-qualified transceivers, visit etcconnect.com/Products/Consoles/Eos-Consoles/Apex/IO-Garage.aspx

† Add -US for Edison, -EU for Schuko/UK13A, -AZ for Australasian Type I

SPECIFICATIONS

HARDWARE AND INTERFACES

- Supports three external display port monitors (1920x1080 minimum, 3840x2160 maximum), with optional single-touch or multi-touch screen control and DDC/CI support
- Two 16 mm (5/8 in) baby pin ports, with locking knobs
- Five 60mm motorized faders, 100 10-fader pages for configurable faders, for channel, submaster and palette/preset, timing and effect rate/speed playback control
- Five backlit scroll wheel faders with button, 100 10-fader pages for configurable faders, for channel, submaster and palette/preset, timing and effect rate/speed playback control
- One 5-inch high-resolution fader display, with multi-touch and haptic touch feedback
- Main Playback with two 60 mm motorized faders, and display load buttons
- One bank of 2x5 user-definable Target Keys
- Six force-feedback encoders for non-intensity parameter control
- Eight backlit mini encoders for non-intensity parameter control, plus one mini encoder for navigation
- Dedicated 10.1-inch high-resolution encoder display
- Dedicated high-resolution intensity level wheel
- Backlit expanded Eos keypad
- 6.3-inch keypad touchscreen, with haptic touch feedback, servicing softkeys and custom user layouts
- Built-in keyboard tray, with USB A & C ports
- Two front-facing 5-volt/2-amp USB A dedicated charging ports
- Two independently dimmable warm-white LED booklights to illuminate adjacent surfaces
- Solid-state hard drive
- Dedicated graphics processing
- IEC power input (100–240 VAC at 50/60 Hz), inset power switch with integrated breaker, locking regionalized power cable included
- Four individually configurable Gigabit Ethernet ports, etherCON connectors, PoE++ (802.3bt compliant PSE)
- Two individually configurable 10-Gigabit SFP+ ports, which accept modules for copper, single-mode fiber, or multi-mode fiber connections
- One 802.11ac WiFi Ethernet adapter (to be enabled with future software)
- Bluetooth 5.1 for connecting input accessories (to be enabled with future software)
- sACN and Art-Net network output protocols
- USB 3.1 ports, for flash drives, pointing devices, keyboards (8 USB A ports, 6 USB C ports)
- One Littlite XLR port
- One Kensington lock port
- I/O Garage with four bays, which accept Response backpack-style show control gateways, or Gadget II DMX output modules
- Multiple MIDI and/or SMPTE timecode inputs, MIDI In and Out, Analog/Serial Inputs, OSC transmit/receive, UDP transmit/receive through network interface or Response Gateways

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SPECIFICATIONS

ELECTRICAL AND THERMAL

- Power consumption approximately 5 A at 120 V or 230/240 V
- Ambient room temperature 0°C to 35°C (32°F to 95°F)
- Ambient humidity up to 90% non-condensing

REGULATORY AND COMPLIANCE

- CE compliant
- cETLus listed
- UKCA marked
- FCC compliant
- RoHS compliant
- WEEE

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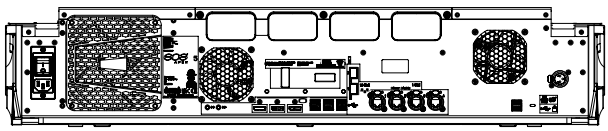
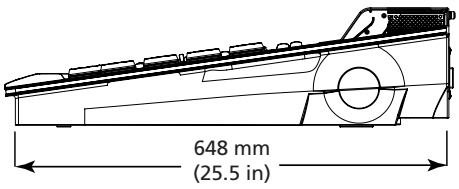
PHYSICAL

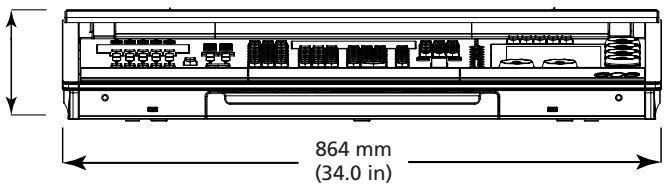
Eos Apex FP Dimensions and Weights †

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	kg	lb
Eos Apex FP	180	7.1	864	34.0	648	25.5	31.3	69.0
Eos Apex FP in shipping container	286	11.3	966	38.0	794	31.3	36.3	80.0
Eos Apex FP in flight case	902	35.5	1023	40.3	388	15.3	TBD	TBD

† Dimensions and weights typical







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