CONTROLLER

The controller is the brain of your smart home. It manages your home automation system, allowing the electronic devices in your home to work together—from lighting and security, to music and video, and pretty much anything else in between. No matter the size of your home, whether you're automating a single room or a sprawling mansion, Control4 controllers are capable of owering your entire home automation system.

FEATURES:

➢ *Certified HDMI with audio and video capability delivers reliable connectivity to today's televisions and receivers.*

➢ *Control4 App license enables in-home control from iOS and Android mobile devices, as well as PCs. A 4Sight subscription enables remote access and control from virtually anywhere.*

➢ *Instantaneous, intuitive control from a touch screen, remote, or TV on-screen navigator.*

➢ *Next-generation core and Zig Bee processors deliver a new level of speed and performance.*

Control4® EA-5 Controller

Control4® EA-5 Controller
C4-EA5

The Control4 EA-5 Entertainment and Automation Controller is designed to deliver the ultimate smart home experience, featuring the highest-quality audio of the EA series and processing power to coordinate hundreds of smart devices. The EA-5 can automate sophisticated home theaters, complex interior and exterior lighting scenes, vital security and communications systems, and climate controls for multiple zones.

The EA-5 features five independent audio outputs—two digital coaxial, two RCA stereo analog, and one HDMI—with an audiophile-grade signal-to-noise ratio of 118dB. A built-in music server delivers immersive, multi-stream, high-resolution audio with five built-in simultaneous audio streams from your local music collection, a variety of streaming music services, or from AirPlay-enabled devices using native Control4 ShairBridge technology. Expand beyond five streams by including additional EA-5 or EA-3 Controllers.

Secure, wireless ZigBee communication; plentiful I/O including IR, serial, contacts and relays; and IP control enable connections to smart home devices such as thermostats, door locks, doorbells, cameras, security panels, sensors, lighting, shades, garage door controllers, irrigation systems, and much more. The sleek design, rack-mount form factor, and top-of-the-line connectivity make the EA-5 the ultimate foundation for any Control4 system and the platform to power the future of your smart home.

- Advanced multi-core processor delivers a new level of speed and performance for instantaneous, interactive on-screen control and access to lighting, security, music, and video libraries.
- High-resolution audio delivered with high-quality DACs, exceptional signal-to-noise ratio and ultra-low distortion for multiple simultaneous streams of fantastic-sounding music.
- Integrated music server with native support for Pandora®, TIDAL, Deezer, TuneIn, and Rhapsody® (Napster®) streaming services.
- All-new, elegant on-screen experience for easy access to entertainment and the entire home.
- Elegant, low-profile design features an integrated power supply for flexible, simple installation and long-term reliability.
- Included rack ears and 1U rack size for convenient rack mounting.
- Incredibly fast, intuitive control from a tablet, smart phone, touch screen, remote, or TV On-Screen Navigator.
- Built-in five-port gigabit network switch simplifies installation for your network-connected devices around the television.
- Integrated dual-band Wireless-N and ZigBee with external antennas add high-performance connectivity.
- USB and eSATA ports enable connections to external hard drives for easy access to music content.
- Control4 App license enables in-home control from multiple iOS—including Apple Watch—and Android mobile devices. Connect to your home remotely with an optional 4Sight subscription.
- Video/Audio Intercom license for whole-home communications with Control4 touch screens and door statons.

Control4® EA-5 Controller

Model number	C4-EA5
Embedded services	
Control4 app license	Included—Supports up to 50 devices
Intercom license	Included—Supports audio and video intercom on Control4 touch screens and door stations
Streaming services	Pandora®, Rhapsody® (Napster®), TuneIn, TIDAL, Deezer
ShairBridge	Up to 20 instances of the driver in the project 5 concurrent streams
Inputs / Outputs	
Video out	1 video out—HDMI
Video	HDMI 1.4 output; HD 1080p, 50-60 Hz
Audio out	5 audio out—1 HDMI, 2 stereo analog, 2 digital coax
Audio in	4 audio in—2 stereo analog, 2 digital coax
Audio playback formats	AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA
High-resolution audio playback	Up to 192 kHz / 24 bit
Advanced audio subsystem	Dual audio signal processors, multiple sample rate converters
Audio system controls (analog or digital coax)	10-band graphic equalizer, input gain, output gain, loudness, tone controls, balance
Signal-to-noise ratio	<-118 dBFS
Total harmonic distortion	0.00023 (-110 dB)
Network	
Ethernet	10/100/1000BaseT compatible (required for controller setup)
Built-in Ethernet switch	1 Ethernet in + 4 gigabit Ethernet switch ports
Wireless	Dual-band Wireless-N (2.4 GHz, 5 GHz, 802.11n/g/b)
Wireless security	WEP, WPA, and WPA2
Wireless antenna	2 external reverse SMA connectors
ZigBee Pro	802.15.4
ZigBee antenna	External reverse SMA connector
eSATA port	1 eSATA port
USB port	1 USB 2.0 port—500mA
Control	
IR out	8 IR out—5V 27mA max output, 1 IR blaster—front
IR capture	1 IR receiver—front; 20-60 kHz
Serial out	4 serial out (2 DB9 ports and 2 shared with IR out 1-2)
Contact	4 contact sensors—30VDC, 1.25A maximum
Relay	4 relays—AC: 36V, 2A; DC: 24V, 2A maximum operation
Power	
Power requirements	100-240 VAC, 60/50Hz
Power consumption	Max: 40W, 136 BTUs/hour Idle: 15W, 51 BTUs/hour
Other	
Operating temperature	32˚ ~ 104˚ F (0˚ ~ 40˚ C)
Storage temperature	4˚ ~ 158˚ F (-20˚ ~ 70˚ C)
Fan dB level	Max: 35 dB
Dimensions (H × W × D)	1.875″ (49 mm) w/feet × 17.5″ (444 mm) × 10.125″ (258 mm)
Weight	6.85 lbs (3.10 kg)
Shipping weight	9.30 lbs (4.20 kg)
Accessories	
3.5mm to DB9 Serial Cable	C4-CBL3.5-DB9B
SR-260 System Remote Control	C4-SR260-B
4Sight Subscription (1 Year)	C4-4Sight-E

For more information on the entire EA Controller product line, visit ctrl4.co/ea

MORE INFO ON EA CONTROLLERS

ctrl4.co/ea

For product photos, documentation and installation instructions, visit ctrl4.co/controllers

ONLINE PORTAL—CONTROLLERS

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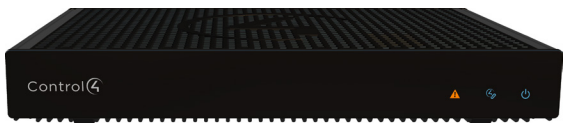Control4

Control4® EA-3 Controller

Control4® EA-3 Controller
C4-EA3

The versatile Control4 EA-3 Entertainment and Automation Controller is the perfect fusion of multi-room, high-resolution audio and smart home automation for small to mid-size homes.

Powered by a next-generation multi-core processor, the EA-3 delivers a new level of speed and performance for instantaneous, interactive on-screen access to all the systems in the home. A built-in music server with three audio outputs delivers high-resolution audio throughout the home from your local music library, popular streaming music services, and AirPlay-enabled devices using native Control4 ShairBridge technology.

The EA-3 includes a variety of I/O to automate audio and video, lighting, climate control, door locks, and other devices controlled by IP, infrared (IR), serial, and ZigBee. With PoE+ for power, a port for Ethernet out, and its included mounting bracket, the compact form factor of the EA-3 makes it easy to install behind any TV or projector.

- Three audio outputs—one HDMI, one stereo analog, and one digital coax—distribute up to three simultaneous, high-resolution audio streams from native streaming services, AirPlay-enabled devices, and local music.
- Integrated music server with native support for popular streaming services, including Deezer, Pandora, Rhapsody, Tidal, and TuneIn.
- All-new, elegant on-screen experience for easy access to entertainment and the entire home.
- Elegant, low-profile design features an integrated power supply for flexible, simple installation and long-term reliability.
- PoE+ provides power and network connectivity over a single CAT5/CAT6 cable.
- Built-in two-port Ethernet switch simplifies installation by connecting an additional device to the home network.
- Included mounting bracket allows easy mounting to the back of your TV, on the wall, or to a standard wall box.
- Integrated Wireless-N and ZigBee with external antennas simplify installation while delivering high-performance connectivity.
- USB port enables connection to external hard drives for easy access to music content.
- Control4 App license enables in-home control from multiple iOS—including Apple Watch—and Android mobile devices. Connect to your home remotely with an optional 4Sight subscription.
- Video/Audio Intercom for whole-home communications with Control4 touch screens and door stations.

Control4® EA-3 Controller

Model number	C4-EA3
Embedded services	
Control4 App license	Included—Supports up to 50 devices
Intercom license	Included—Supports audio and video intercom on Control4 touch screens and door stations
Streaming services	Pandora®, Rhapsody® (Napster®), TuneIn, TIDAL, Deezer
ShairBridge	Up to 20 instances of the driver in the project 3 concurrent streams
Inputs / Outputs	
Video out	1 video out—HDMI
Video	HDMI 1.4 output; HD 1080p, 50-60 Hz
Audio out	3 audio out—1 HDMI, 1 stereo analog (3.5 mm), 1 digital coax
Audio in	2 audio in—1 stereo analog (3.5 mm), 1 digital coax
Audio playback formats	AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA
High-resolution audio playback	Up to 192 kHz / 24 bit
Advanced audio subsystem	Dedicated audio signal processor
Audio system controls (analog only)	10-band graphic equalizer, input gain, output gain, loudness, tone controls, balance
Signal-to-noise ratio	<-110 dBFS
Total harmonic distortion	0.0015 (-96.5 dB)
Network	
Ethernet	10/100/1000BaseT compatible (required for controller setup) PoE+ supported
Power over Ethernet	802.3at-2009 (PoE+) / 25.5W
Built-in Ethernet switch	1 Ethernet/PoE in + 1 Ethernet switch port
Wireless	Dual-band Wireless-N (2.4 GHz, 5 GHz, 802.11n/g/b)
Wireless security	WEP, WPA, and WPA2
Wireless antenna	External reverse SMA connector
ZigBee Pro	802.15.4
ZigBee antenna	External reverse SMA connector
USB port	1 USB 2.0 port—500mA
Control	
IR out	6 IR out—5V 27mA max output, 1 IR blaster—front
IR capture	1 IR receiver—front; 20-60 kHz
Serial out	3 serial out (shared with IR out 1-3)
Contact	1 contact sensor—30VDC, 125mA maximum
Relay	1 relay—AC: 36V, 2A; DC: 24V, 2A maximum operation
Power	
Power requirements	100-240 VAC, 60/50Hz or PoE+
Power consumption	Max: 25W, 85 BTUs/hour Idle: 13W, 44 BTUs/hour
Other	
Operating temperature	32˚ - 104˚ F (0˚ - 40˚ C)
Storage temperature	4˚ - 158˚ F (-20˚ - 70˚ C)
Fan dB level	Max: 35 dB
Dimensions (H × W × D)	1.25″ (31 mm) × 8.75″ (221 mm) × 5.875″ (149 mm)
Weight	1.60 lbs (0.74 kg)
Shipping weight	2.75 lbs (1.26 kg)
Accessories	
Wall-Mount Bracket	C4-WMEA3
Rack-Mount Kit	C4-EA3RMK1, C4-EA3RMK2
3.5mm to DB9 Serial Cable	C4-CBL3.5-DB9B
SR-260 System Remote Control	C4-SR260-B
4Sight Subscription (1 Year)	C4-4Sight-E

For more information on the entire EA Controller product line, visit ctrl4.co/ea

MORE INFO ON EA CONTROLLERS

ctrl4.co/ea

For product photos, documentation and installation instructions, visit ctrl4.co/controllers

ONLINE PORTAL—CONTROLLERS

ctrl4.co/controllers

Control4®

Control4® EA-1 Controller

Control4® EA-1 Controller
C4-EA1

Designed for an exceptional family room entertainment experience, the Control4 EA-1 Entertainment and Automation Controller is more than automation for just the gear around your TV; it is the ideal smart home starter system with entertainment built in. The EA-1 is perfect for controlling all your entertainment devices in one room, along with your thermostat, door locks, and Smart Lighting. While the EA-1 can control one room of a larger Control4 system, it cannot be the primary controller in a multi-controller system.

The EA-1 delivers a beautiful, intuitive, and responsive on-screen user interface with the ability to create and enhance the entertainment experience for any TV in the house. The EA-1 can orchestrate a wide range of entertainment devices comprising Blu-ray players, satellite or cable boxes, game consoles, TVs, and virtually any product with infrared (IR) or serial (RS-232) control. It also features IP control for TVs, Apple TV, Roku, AVRs, and other network connected devices, as well as secure wireless ZigBee control for lights, thermostats, smart locks, and more.

For entertainment, the EA-1 also includes a built-in music server that allows you to listen to your own music library or stream from a variety of leading music services or from your AirPlay-enabled devices using Control4 ShairBridge technology.

- Advanced multi-core processor delivers a new level of speed and performance for instantaneous, interactive on-screen control and access to lighting, security, music, and video solutions.
- Elegant, low-profile design for flexible, simple installation. Available mounting bracket allows easy mounting to the back of a TV, on the wall, or to a standard wall box.
- Incredibly fast, intuitive control from your tablet, smartphone, touch screen, remote, or TV on-screen Navigator.
- All-new, elegant on-screen experience for easy access to entertainment and the entire home.
- Integrated music server with native support for popular streaming services, including Deezer, Pandora, Rhapsody, TIDAL, and TuneIn.
- External Wireless-N and ZigBee antennas simplify installation while delivering high-performance network connectivity.
- USB port enables connection to external hard drives for easy access to local music content.
- Control4 App license enables in-home control from multiple iOS—including Apple Watch—and Android mobile devices. Connect to your home remotely with an optional 4Sight subscription.

Control4® EA-1 Controller

Model number	C4-EA1
Embedded services	
Control4 app license	Included—Supports up to 50 devices
Intercom license	Included—Supports audio and video intercom on Control4 touch screens and door stations
Music services	Pandora®, Rhapsody® (Napster®), TuneIn, TIDAL, Deezer
ShairBridge	Up to 20 instances of the driver in the project 1 concurrent stream
Inputs/Outputs	
Video out	1 video out—HDMI
Video	HDMI 1.4 output; HD 1080p, 50-60 Hz
Audio out	1 audio out—HDMI
Audio playback formats	AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA
High-resolution audio playback	Up to 192 kHz / 24 bit
Network	
Ethernet	10/100/1000BaseT compatible (required for controller setup)
Wireless	Wireless-N (2.4 GHz, 802.11n/g/b)
Wireless security	WEP, WPA, and WPA2
Wireless antenna	External reverse SMA connector
ZigBee Pro	802.15.4
ZigBee antenna	External reverse SMA connector
USB port	1 USB 2.0 port—500mA
Control	
IR out	4 IR out—5V 27mA max output, 1 IR blaster—front
IR capture	1 IR receiver—front; 20-60 kHz
Serial out	2 serial out (shared with IR out 1 and 2)
Power	
Power requirements	100-240VAC, 60/50 Hz
Power consumption	Max: 18W, 61 BTUs/hour Idle: 12W, 41 BTUs/hour
Other	
Operating temperature	32˚ ~ 104˚F (0˚ ~ 40˚C)
Storage temperature	4˚ ~ 158˚F (-20˚ ~ 70˚C)
Fan dB level	Max: 35 dB
Dimensions (H × W × D)	1.13″ (29 mm) ✕ 7.5″ (191 mm) ✕ 5.0″ (127 mm)
Weight	1.2 lbs (0.54 kg)
Shipping weight	2.2 lbs (1.0 kg)
Accessories	
Wall-Mount Bracket	C4-WMEA1
Rack-Mount Kit	C4-EA1RMK1, C4-EA1RMK2
3.5mm to DB9 Serial Cable	C4-CBL3.5-DB9B
SR-260 System Remote Control	C4-SR260-B
4Sight Subscription (1 Year)	C4-4Sight-E

For more information on the entire EA Series, visit ctrl4.co/ea

MORE INFO ON EA CONTROLLERS

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