

# Control4® EA-3 Controller



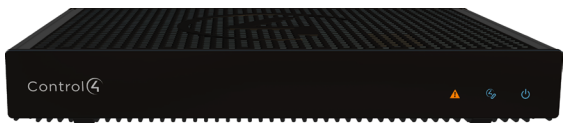
## Control4® EA-3 Controller C4-EA3

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.



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

## Control4® EA-3 Controller

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

For more information on the entire EA Controller product line, visit [ctrl4.co/ea](http://ctrl4.co/ea)

MORE INFO ON EA CONTROLLERS



For product photos, documentation and installation instructions, visit [ctrl4.co/controllers](http://ctrl4.co/controllers)

ONLINE PORTAL—CONTROLLERS

