

Control4® EA-5 Controller



Control4® EA-5 Controller C4-EA5

The all-new Control4 EA-5 Entertainment and Automation Controller has the performance, horsepower, and control capabilities to run the most demanding Control4 systems. Unprecedented performance is delivered by a next-generation multi-core, hyperthreaded processor and a wide variety of control I/O. Automate your smart home solutions throughout the entire home with advanced WiFi and ZigBee with multiple external antennas, an integrated five-port Ethernet switch, IR, serial, contact sensors, and relays.

Deliver immersive, multi-stream, high-resolution audio solutions with up to five simultaneous audio streams from local audio content, an integrated music server, and native ShairBridge for AirPlay-enabled audio playback. Sleek design, rack-mount form factor, and top-of-the-line connectivity make it the foundation for any Control4 system.

- 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 is delivered by an all-new high-powered DAC and five audio outputs, including HDMI, that deliver multiple simultaneous streams of local music, native streaming services, and AirPlay-enabled devices.
- Integrated music server with native support for Pandora®, TIDAL, Deezer, TuneIn, and Rhapsody® (Napster®) streaming services.
- Certified HDMI with audio and video capability delivers all-new, elegant on-screen display with reliable connectivity to today's televisions and receivers.
- Elegant, low-profile design features an integrated power supply for flexible, simple installation.
- Included rack ears and 1U rack size for convenient rack mounting.
- Incredibly fast, intuitive control from a touch screen, remote, or TV On-Screen Navigator.
- Built-in five-port gigabit network switch simplifies installation for your network-connected devices.
- Integrated Wireless-N and ZigBee with external antennas simplify installation while delivering 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 and Android mobile devices as well as PCs. Add a 4Sight subscription to enable remote control and access from virtually anywhere.
- Video/Audio Intercom license for whole-home communications with Control4 touch screens and door stations.



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®), Tunes, 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 720p/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	<-105 dBFS
Total harmonic distortion	0.0015 (-96.5 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 minimum, 600mA maximum
Control	
IR out	8 IR out—5V 27mA max output, 1 IR blaster—front
IR capture	1 IR receiver—front; 0-60 kHz
Serial out	4 serial out (2 DB9 ports and 2 shared with IR out 1-2)
Contact	4 contact sensors—36VDC, 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



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

ONLINE PORTAL—CONTROLLERS

