Control4® EA-1 Controller

Control4® EA-1 Entertainment and Automation Controller
C4-EA1, C4-EA1-V2, C4-EA1-1-V2

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.

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 including 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 the speed and performance required 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.
- 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, TuneIn, SiriusXM, SOUNDMACHINE, and iHeartRadio.
- 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 enables in-home control from multiple iOS and Android mobile devices. Connect to your home remotely with an optional 4Sight subscription.

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Model number	
Entertainment and Automation Controller, 1 Zone	C4-EA1
Entertainment and Automation Controller, 1 Zone, V2	C4-EA1-V2
Entertainment and Automation Controller, 1 Zone, V2, Int'l	C4-EA1-V2-1
Embedded services	
Control4 app	Supports up to 50 devices
Music services	Pandora®, Napster®, Spotify, TuneIn, TIDAL, Deezer, SiriusXM, SOUNDMACHINE, and iHeartRadio
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)
WiFi	Wireless-N (2.4 GHz, 802.11n/g/b)
WiFi security	WPA/WPA2
WiFi 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
3.5 mm 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

ctrl4.co/ea

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

ONLINE PORTAL—CONTROLLERS

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