Control4® EA-1 PoE Controller

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

The Control4 EA-1 PoE controller is designed to be installed behind televisions throughout the home, enabling entertainment and automation experiences in every room.

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 remotes, 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.

- Compact size can be easily installed behind televisions using the included wall-mount bracket.
- Integrated Power over Ethernet (PoE+) offers single-cable installation for power and network and saves you time, space, and money.
- PoE+ enables remote reboot through Pakedge Ethernet switches and BakPak
- Integrated 2-port Ethernet switch connects the EA-1 PoE and television to the home network without the need to pull an additional network cable or install an Ethernet switch
- Includes the I/O you need to control entertainment equipment, including four IR and two serial outputs, plus HDMI for on-screen display and streaming music
- Advanced multi-core processor delivers the speed and performance needed for instantaneous, interactive on-screen control and access to lighting, security, music, and video solutions
- Elegant, low-profile design for flexible, simple installation with an included mounting bracket that allows easy mounting to the back of a TV, on the wall, or to a standard wall box
- Integrated music server with native support for popular streaming services, including Deezer, Pandora, Rhapsody, TIDAL, TuneIn, SiriusXM, SOUNDMACHINE, and iHeartRadio
- USB port enables connection to external hard drives for easy access to local music content

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Model number	
PoE Entertainment and Automation Controller, 1 Zone	C4-EA1-POE-V2
Embedded services	
Control4 app	Supports up to 50 devices
Music services	Pandora®, Napster®, Spotify Connect, 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) 1 Ethernet/PoE+ in port, 1 Ethernet out port
PoE+	1 Ethernet/PoE+ in port
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	PoE+
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 (included with the EA-1 PoE)
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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