

Control4 EA-5 Controller

Installation Guide



Supported model

- C4-EA5 Entertainment and Automation Controller, 5 Zone

Introduction

The EA-5 Controller in the Entertainment and Automation line of controllers lets you control lights, home theaters, audio and video, and other devices controlled by infrared (IR), IP, or serial connections. The controller has a fast processor, dual-spectrum built-in WiFi, HDMI output for Control4 On-Screen Navigator, ZigBee radio, and expansion module. The EA-5 is perfect for large homes and multi-room projects.

The controller also includes extensive media management for audio and video content: CDs, DVDs, and Blu-ray Discs; digital media stored on connected devices and streaming audio services, such as Rhapsody, TuneIn, and others. Use an external storage device, such as an external USB drive or NAS (network-attached storage), to store music and photos.

After you install and configure the controller with other Control4 devices, your customers can control their system using popular Control4 interfaces (sold separately).

Box contents

The following items are included in the box:

- Control4 EA-5 Controller (C4-EA5)
- AC power cord
- IR emitters (6)
- Warranty card
- Rack ears (2)
- Dual-band antenna (3)
- Four-position terminal block for contacts and relays

Accessories sold separately

- Rack Mount Kit (C4-XXXX)
- Control4 3.5 mm-to-DB9 Serial Cable (C4-CBL3.5-DB9B)

Warnings



Caution! To reduce the risk of electrical shock, do not expose this apparatus to rain or moisture.

Avertissement ! Pour réduire le risque de choc électrique, n'exposez pas cet appareil à la pluie ou à l'humidité.



Caution! In an over-current condition on USB or contact output the software disables the output. If the attached USB device or contact sensor does not appear to power on, remove the device from the controller.

Avertissement ! Dans une condition de surintensité sur USB ou sortie de contact le logiciel désactive sortie. **(additional translation needed)**

For more information, visit the Products pages at www.control4.com.

Requirements and specifications



Note: We recommend using Ethernet instead of WiFi for the best network connectivity.



Note: The Ethernet or WiFi network should be installed before you install the EA-5 Controller.

Composer Pro is required to configure this device. See the *Composer Pro User Guide* (ctrl4.co/cpro-ug) for details.

Specifications

Model number	C4-EA5
Inputs / Outputs	
Video out	1 video out—1 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	MP3: 32 kbps to 320 kbps, iTunes Plus, WMA, WMA lossless, Apple lossless, CBR, VBR, AAC, FLAC, and uncompressed WAV and AIFF.
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 (2.4GHz, 5GHz, 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—36V DC maximum operation. The available current for 12V contact output is 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: XXW, XX 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 x W x D)	17.5" (444 mm) x 10.125" (258 mm) x 1.875" (49 mm) w/feet
Weight	6.85 lbs (3.10 kg)
Shipping weight	9.30 lbs (4.20 kg)

Additional resources

The following resources are available for more support.

- Control4 Knowledgebase: kb.control4.com and Dealer Forums: forums.control4.com
- Control4 Technical Support
- Control4 website: www.control4.com
- Composer Pro documentation in online help or PDF format available on the Dealer Portal under Support: ctrl4.co/docs

Front view



A Data LED—The LED indicates that the controller is streaming audio.
B IR window—IR blaster and IR receiver for learning IR codes.
C Caution LED—This LED shows solid red, then blinks blue during the boot process.



Note: The Caution LED flashes yellow during the factory restore process. See “Factory Restore” in this document.

D Link LED—The blue LED indicates that the controller has been identified in a Control4 Composer project and is communicating with Director.
E Power LED—The blue LED indicates that AC power is connected. The controller turns on immediately after power is applied to it.

Back view



A Power plug port—AC power receptacle for an IEC 60320-C13 power cord.
B WIFI 1—Antenna 1 for the WiFi radio.
C Contact/Relay port—Connect up to four relay devices and four contact sensor devices to the terminal block connector. Relay connections are COM, NC (normally closed), and NO (normally open). Contact sensor connections are +12, SIG (signal), and GND (ground).
D GIGABIT SWITCH—Four port gigabit-ethernet switch to connect other local devices to the network.
E ETHERNET IN—RJ-45 jack for a 10/100/1000 BaseT Ethernet connection.
F USB—One port for an external USB drive (e.g., FAT32-formatted devices). See “Set up external storage devices” in this document.
G E-SATA—One port for an external eSATA drive. See “Set up external storage devices” in this document.
H WIFI 2—Antenna 2 for the WiFi radio.
I SERIAL—Two serial ports for RS-232 control. See “Connecting the serial ports” in this document.
J ID and FACTORY RESET—ID button to identify the device in Composer Pro. FACTORY RESET button to restore the controller to factory defaults. Can also reboot the controller.
K HDMI OUT—An HDMI port to display system menus. Also an audio out over HDMI.
L IR / SERIAL—Eight 0.5 mm jacks for up to eight IR emitters or for a combination of IR emitters and serial devices. Ports 1 and 2 can be configured independently for serial control, or for IR control. See “Setting up IR emitters” in this document for more information.
M DIGITAL AUDIO—Two digital coax audio input and two output ports. Allows audio to be shared (IN 1 or 2) over the local network to other Control4 devices. Outputs audio (OUT 1 or 2) shared from other Control4 devices or from digital audio sources (local media or digital streaming services such as TuneIn.)
N ANALOG AUDIO—Two stereo audio input and two output ports. Allows audio to be shared (IN 1 or 2) over the local network to other Control4 devices. Outputs audio (OUT 1 or 2) shared from other Control4 devices or from digital audio sources (local media or digital streaming services such as TuneIn.)
O ZIGBEE—Antenna for the ZigBee radio.

Installing the controller

To install the controller:

- Ensure that the home network is in place before starting system setup. The controller requires a network connection, Ethernet (recommended) or WiFi, to use all of the features as designed. When connected, the controller can access web-based media databases, communicate with other IP devices in the home, and access Control4 system updates.
- Mount the controller in a rack or stacked on a shelf. Always allow plenty of ventilation. See “Mounting the controller in a rack” in this document.
- Connect the controller to the network.
 - Ethernet**—To connect using an Ethernet connection, plug the data cable from the home network connection into the controller’s RJ-45 port (labeled “ETHERNET IN”) and the network port on the wall or at the network switch.
 - WiFi**—To connect using WiFi, first connect the controller to Ethernet, and then use Composer Pro System Manager to reconfigure the controller for WiFi.
- Important:** Do *not* install your EA controller on a 172.18.xxx.xxx subnet.
- Connect system devices. Attach IR and serial devices as described in “Connecting the IR ports/serial ports” and “Setting up IR emitters.”
- Set up any external storage devices as described in “Setting up external storage devices” in this document.
- Power up the controller. Plug the power cord into the controller’s power plug port and then into an electrical outlet.

Mounting the controller in a rack

Using the included rack-mount ears, the EA-5 can easily be mounted in a rack for convenient installation and flexible rack placement.

To attach the rack ears to the controller:

- Remove the three screws in each of the rubber feet on the bottom of the controller.
- Remove the rubber feet and place the rack ears. The rack ears can be positioned for front or rear rack mounting.
- Use two of the screws from the rubber feet to secure the rack ears to the controller.

Pluggable terminal block connectors

For the contact and relay ports, the EA-5 makes use of a pluggable terminal block connector which is a removable plastic part that locks in individual wires (included).

To connect a device to the pluggable terminal block:

- Insert one of the wires required for your device into the appropriate opening in the pluggable terminal block you reserved for that device.
 - Insert the wire:
 - If using solid-core wire, insert the wire into the hole below the slotted retention tab, and ensure that the wire is tightly secured.
 - If using stranded wire, press the slotted retention tab in using a small, flat-blade screwdriver. Insert the wire into the hole below the tab, and then release the tab to secure the wire.
- Example:** To add a motion sensor (see Figure 3), connect its wires to the following contact openings:
- Power input to **+12V**
 - Output signal to **SIG**
 - Ground connector to **GND**



Note: To connect dry contact closure devices, such as doorbells, connect the switch between +12V (Power) and SIG (Signal).

Connecting the contact ports

The EA-5 provides four contact ports for the included pluggable terminal block. See Figures 3 through 5 to learn how to connect devices to the contact port.

Figure 3. Contact Port for Voltage Source (Motion Sensor)

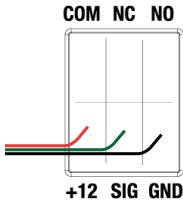


Figure 4. Contact for Dry Contact (Door Contact Sensor)

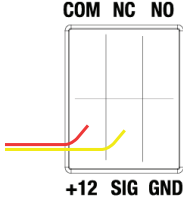
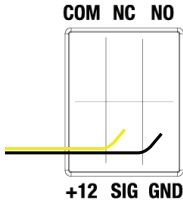


Figure 5. Contact for Self-Powered Voltage Source Device



Connecting the relay ports

The EA-5 provides four relay ports for the included pluggable terminal block. With most applications, attach one wire to the COM terminal and the other to the NO terminal. The relay switch closes when the relay is activated.

See Figures 6 and 7 to learn how to connect a device to the relay port.

Figure 6. Relay Port, Normally Open

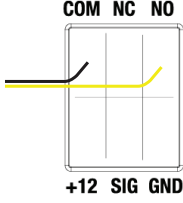
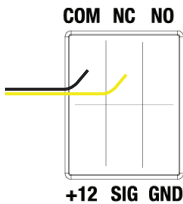


Figure 7. Relay Port, Normally Closed



Connecting the serial ports

The EA-5 controller provides four serial ports. SERIAL 1 and SERIAL 2 can connect to a standard DB9 serial cable. IR ports 1 and 2 (serial 3 and 4) can be reconfigured independently for serial communication. If not used for serial, they can be used for IR. Connect a serial device to the controller using the Control4 3.5 mm-to-DB9 Serial Cable (C4-CBL3.5-DB9B, sold separately).

- 1 The serial ports support many different baud rates (acceptable range: 1200 to 115200 baud for odd and even parity). Serial ports 3 and 4 (IR 1 and 2) do not support hardware flow control.
- 2 See Knowledgebase article #268 (kb.control4.com/questions/268) for pinout diagrams.
- 3 To configure a port's serial settings, make the appropriate connections in your project using Composer Pro. Connecting the port to the driver will apply the serial settings contained in the driver file to the serial port. See the *Composer Pro User Guide* for details.



Note: Serial ports 3 and 4 can be configured as straight-through or null with Composer Pro. Serial ports by default are configured straight-through and can be changed in Composer by selecting the option *Enable Null-Modem Serial Port (3/4)*.

Setting up IR emitters

The EA-5 controller provides 8 IR ports. Your system may contain third-party products that are controlled through IR commands. The included IR emitters can send commands from the controller to any IR-controlled device.

- 1 Connect one of the included IR emitters into an **IR OUT** port on the controller.
- 2 Remove the adhesive backing from the emitter (round) end of the IR emitter and affix it to the device to be controlled over the IR receiver on the device.

Setting up external storage devices

You can store and access media from an external storage device, for example, a USB drive or eSata drive, by connecting the USB drive to the USB port and configuring or scanning the media in Composer Pro. A NAS drive can also be used as an external storage device, see the *Composer Pro User Guide* (ctrl4.co/cpro-ug) for more details.



Note: We support only externally powered USB drives or solid-state USB drives (USB thumb drives). USB hard drives that do not have a separate power supply are not supported.



Note: When using USB or eSATA storage devices on an EA-5 Controller, you can use only one partition with a 2TB maximum size. USB and eSATA storage devices should be formatted FAT32. This limitation also applies to USB storage on all other controllers.

Composer Pro driver information

Use Auto Discovery and SDDP to add the driver to the Composer project. See the *Composer Pro User Guide* for details.

Troubleshooting

Reset to factory settings



Caution! The factory restore process will remove the Composer project. Back up the project with Composer Pro before you start the factory restore process

To restore the controller to the factory default image:

- 1 Insert a straightened paper clip into the small hole on the back of the controller labeled **FACTORY RESTORE**.
- 2 Press and continue to hold the **FACTORY RESTORE** button, the controller will reset and the caution LED will turn solid red.
- 3 Continue to hold the button for about five to seven seconds until the caution LED blinks twice yellow. After the caution LED blinks twice yellow, release the button and the factory restore process will begin.



The caution LED will blink orange while the factory restore is running. When complete, the caution LED turn offs and the device will reset.

Power cycle the controller

Press and hold the **ID** button for five seconds. The controller will reset.

Reset the network settings

To reset the controller network settings to the default:

- 1 Disconnect power to the controller.
- 2 While pressing and holding the **ID** button on the back of the controller, reconnect power to the controller.
- 3 Hold the **ID** button until the data, link and power LEDs are solid blue, then immediately release the button.
- 4 If the caution LED stays orange during the boot sequence, press and hold the **ID** button until the caution LED blinks blue, and then release it.

Regulatory/Safety information

To review regulatory information for your Control4 products, see the information located on the Control4 website at www.control4.com/regulatory/.

Warranty

Visit www.control4.com/warranty for details.

More help

For the latest version of this document and to view additional materials, open the URL below or scan the QR code on a device that can view PDFs.



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Regulatory Compliance & Safety Information for Control4 Model C4-EA5

Electrical Safety Advisory **Sécurité électrique consultatif**

Important Safety Information

Informations de sécurité importantes

Read the safety instructions before using this product.

Lisez les consignes de sécurité avant d'utiliser ce produit.

1. Read these instructions.
1. Lisez ces instructions.
2. Keep these instructions.
2. Conservez ces instructions.
3. Heed all warnings.
3. Respectez tous les avertissements.
4. Follow all instructions.
4. Suivez toutes les instructions.
5. Do not use this apparatus near water.
5. Ne pas utiliser cet appareil près de l'eau.
6. Clean only with dry cloth.
6. Nettoyez-le uniquement avec un chiffon sec.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
7. Ne pas bloquer les ouvertures de ventilation. Installer conformément aux instructions du fabricant.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Ne pas installer près de sources de chaleur telles que des radiateurs, registres de chaleur, poêles, ou autres appareils (incluant les amplificateurs) qui produisent de la chaleur.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Ne pas contourner le dispositif de sécurité de la fiche polarisée ou de mise à la terre. Une fiche polarisée possède deux lames dont une plus large que l'autre. Une fiche de terre a deux lames et une troisième broche de terre. La lame large ou la troisième broche est



fournie pour votre sécurité. Si la fiche fournie ne s'adapte pas à votre prise, consultez un électricien pour le remplacement de la prise obsolète.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Protégez le cordon d'alimentation ne soit piétiné ou pincé, en particulier au niveau des fiches, des prises et au point où il sort de l'appareil.
11. Only use attachments/accessories specified by the manufacturer.
11. Utilisez uniquement des fixations / accessoires spécifiés par le fabricant.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
12. Utilisez uniquement avec le chariot, le socle, le trépied, le support ou la table spécifiés par le fabricant ou vendu avec l'appareil. Lorsque vous utilisez un chariot, soyez prudent lorsque vous déplacez l'ensemble chariot / appareil pour éviter des blessures dues au renversement.
13. Unplug this apparatus during lightning storms or when unused for long periods of time. This equipment uses AC power which can be subjected to electrical surges, typically lightning transients which are very destructive to customer terminal equipment connected to AC power sources. The warranty for this equipment does not cover damage caused by electrical surge or lightning transients. To reduce the risk of this equipment becoming damaged it is suggested that the customer consider installing a surge arrestor.
13. Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant de longues périodes de temps. Cet équipement utilise la puissance AC qui peuvent être soumis à des surtensions électriques, la foudre généralement transitoires qui sont très destructives envers les équipements terminaux connectés à des sources d'alimentation CA. La garantie de cet appareil ne couvre pas les dommages causés par les surtensions électriques ou transitoires de foudre. Pour réduire le risque de cet équipement devient endommagé, il est suggéré que le client envisager l'installation d'un limiteur de surtension.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. Confiez toutes les réparations à un personnel qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon que ce soit le cordon d'alimentation ou la fiche est endommagé, du liquide a été renversé ou si des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement , ou s'il est tombé.
15. Use the circuit breaker to disconnect the apparatus from the AC mains. The circuit breaker shall remain readily accessible.
15. Utiliser le disjoncteur pour déconnecter l'appareil de l'alimentation secteur. Le disjoncteur doit rester facilement accessible.
16. To completely disconnect unit power from the AC mains, turn off the circuit breaker. To reconnect power, turn on the circuit breaker following all safety instructions and guidelines.

16. Pour couper entièrement l'alimentation appareil de l'alimentation secteur, éteignez le disjoncteur. Pour rétablir le courant, mettez le disjoncteur après les consignes de sécurité et des lignes directrices.
17. This product relies on the buildings installation for short-circuit (overcurrent) protection. Ensure that the protective device is rated not greater than: 20A.
17. Ce produit repose sur l'installation des bâtiments pour les courts-circuits (surintensité) de protection. Assurez-vous que le dispositif de protection est assignée ne dépassant pas: 20A.
18. **CAUTION:** As with all batteries, there is a risk of explosion or personal injury if the battery is replaced by an incorrect type. Dispose of used battery according to the instructions of the battery manufacturer and applicable environmental guidelines. Do not open, puncture or incinerate the battery, or expose it to conducting materials, moisture, liquid, fire or heat above 54° C or 130° F.
18. **ATTENTION:** Comme avec toutes les batteries, il ya un risque d'explosion ou de blessure si la batterie est remplacée par un type incorrect. Éliminez les batteries usagées selon les instructions du fabricant de la batterie et applicables des directives environnementales. Ne pas ouvrir, percer ou incinérer la batterie, ou de l'exposer à des matériaux conducteurs, de l'humidité, du liquide, un incendie ou une température supérieure à 54 ° C ou 130 ° F.
19. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in fire or electric shock.
19. N'introduisez jamais d'objets d'aucune sorte dans ce produit à travers les fentes du boîtier car ils pourraient toucher des points de tension dangereux ou court-circuiter des pièces qui pourraient entraîner un incendie ou un choc électrique.
20. This product can interfere with electrical equipment such as tape recorders, TV sets, radios, computers and microwave ovens if placed in close proximity.
20. Ce produit peut interférer avec des appareils électriques tels que les magnétophones, téléviseurs, radios, ordinateurs et fours à micro-ondes si placés à proximité.



The lightning flash and arrow head within the triangle is a warning sign alerting you of dangerous voltage inside the product
L'éclair et la flèche dans le triangle est un signe d'alerte pour vous avertir d'une tension dangereuse à l'intérieur du produit



Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.
Attention: Pour réduire le risque de choc électrique, ne pas retirer le couvercle (ou l'arrière). Aucune pièce réparable par l'utilisateur. Confiez l'entretien à un personnel qualifié.



The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.
Le point d'exclamation dans un triangle est un signe d'avertissement vous signale des instructions importantes accompagnant le produit.

See marking on bottom / back of product
Voir le marquage sur les bas / dos du produit



Warning!: To reduce the risk of electrical shock, do not expose this apparatus to rain or moisture

AVERTISSEMENT! Pour réduire le risque de choc électrique, n'exposez pas cet appareil à la pluie ou à l'humidité.

Save these instructions
Conservez ces instructions

Compliance of this equipment is confirmed by the following label that is placed on the equipment:
Conformité de cet appareil est confirmé par le symbole suivant qui est placé sur l'équipement:



USA & Canada Compliance

FCC Part 15, Subpart B Unintentional Emissions Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Partie 15, sous-section B Unintentional Déclaration sur les interférences des émissions

Cet équipement a été testé et jugé conforme aux limites établies pour un dispositif numérique de classe B, conformément à la Partie 15 des règlements de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles lorsque l'équipement est utilisé dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie rayonnent fréquence et, s'il n'est pas installé et utilisé conformément aux instructions, il peut causer des interférences nuisibles aux communications radio. Cependant, il n'existe aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement provoque des interférences nuisibles à la réception radio ou télévision, ce qui peut



être déterminé en mettant l'équipement hors et sous tension, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes:

- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'équipement et le récepteur.
- Connecter l'équipement à une prise sur un circuit différent de celui sur lequel le récepteur est branché.
- Consulter le revendeur ou un technicien radio / télévision qualifié pour obtenir de l'aide.

This device complies with part 15 of the FCC rules and Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actionner cet équipement.

FCC Part 15, Subpart C / RSS-247 Intentional Emissions Interference Statement

Compliance of this equipment is confirmed by the following certification numbers that are placed on the equipment:

Notice: The term "FCC ID:" and "IC:" before the certification number signifies that FCC and Industry Canada technical specifications were met.

FCC ID: R33C4EA5
IC: 7848A-C4EA5

This equipment must be installed by qualified professionals or contractors in accordance with FCC Part 15.203 & IC RSS-247, Antenna Requirements. Do not use any antenna other than the one provided with the unit.

FCC Partie 15, sous-partie C / RSS-247 Déclaration volontaire des émissions interférences

Conformité de cet appareil est confirmé par les chiffres de certification suivants qui sont placés sur l'équipement:

Avis: Le terme «FCC ID:" et "IC:" devant le numéro de certification signifie que les spécifications techniques de la FCC et d'Industrie Canada ont été respectées.

FCC ID: R33C4EA5
IC: 7848A-C4EA5

Cet équipement doit être installé par des professionnels qualifiés ou entrepreneurs conformément aux normes FCC partie 15.203 & IC RSS-247, Exigences d'antenne. Ne pas utiliser une antenne autre que celui fourni avec l'appareil.



This radio transmitter (WiFi Module Model: AEH-AR9462 certified under IC:20662-AEHAR9462 and C4-EA3 Zigbee transceiver certified under IC:7848A-C4EA5) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Manufacturer: OxfordTec
Model: WAND2DBI-SMA
Maximum Gain: 2.4-2.5 GHz (2 dBi), 4.9-5.825 GHz (3 dBi)

Manufacturer: Cirocomm Technology
Model: 03A153040379240
Maximum Gain: 2.4-2.5 GHz (-5 dBi)

Le présent émetteur radio (identifier le dispositif par son numéro de certification) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Fabricant: OxfordTec
Modèle: WAND2DBI-SMA
Gain maximum: 2.4-2.5 GHz (2 dBi), 4.9-5.825 GHz (3 dBi)

Fabricant: Cirocomm Technology
Modèle: 03A153040379240
Gain maximum: 2.4-2.5 GHz (-5 dBi)

RF Radiation Exposure Statement

This equipment complies with the FCC/IC radiation exposure limits set fourth for portable transmitting devices operation in an uncontrolled environment. End users must follow the specific operating instructions to satisfy RF exposure compliance.

- The equipment should only be used or installed at locations where there is normally greater than a 30cm separation between the antenna and all persons.
- This transmitter must not be co-located or operation in conjunction with any other antenna or transmitter.
- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Déclaration d'exposition aux radiations RF

Cet équipement est conforme aux limites FCC / IC d'exposition aux rayonnements définies quatrième opération appareils portables transmettre dans un environnement non contrôlé. Les utilisateurs finaux doivent suivre les instructions de fonctionnement spécifiques pour satisfaire la conformité aux expositions RF.

- L'équipement ne doit être utilisé ou installé à des endroits où il est normalement supérieure à une séparation de 30 cm entre l'antenne et toute personne.
- Cet émetteur ne doit pas être co-localisés ou fonctionnement en conjonction avec une autre antenne ou un autre émetteur.
- Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à utiliser cet équipement.



European Compliance (English)

Conformity of the equipment with the guidelines below is attested by the application of the CE mark.



CE Declaration of Conformity

Manufacturer's Name: CONTROL4 CORPORATION
Manufacturer's Address: 11734 S. ELECTION ROAD SUITE 200
SALT LAKE CITY
UT 84020 USA

EU Representative Name: CONTROL4 EMEA LIMITED
EU Representative Address: UNIT3, GREEN PARK BUSINESS CENTRE
SULTON-ON-THE FOREST
YORK YO61 1ET, UNITED KINGDOM

Product Name(s): Home Controller
Brand: Contol4
Model(s): C4-EA5

Product Standard(s) to which Conformity of the Council Directive(s) is declared:

EMC - 2014/30/EU "Electromagnetic Compatibility (EMC) Directive":
(Emissions) EN 55022:2010, **(Immunity)** EN 55024:2010, EN 301 489-1 V1.9.2 (2011-09), EN 301 489-17 V2.2.1 (2012-09), EN 61000-3-2:2006 + A1:2009 + A2:2009 & EN 61000-3-3:2008

Safety – 2006/95/EC "Low Voltage Directive (LVD)":
EN 60950-1:2006/A11:2009/A1:2010/A12:2011

Radio - 2014/53/EU Radio Equipment Directive (RED):
EN 300 328 V1.9.1

ErP - 2009/125/EC Energy-related Product Directive.

RoHS - 2011/65/EU Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (EEE) & WEEE - 2002/96/EC Waste of Electrical and Electronic Equipment (EEE).

We, the undersigned, hereby declare that the equipment specified above conforms to the above directives and standards. Date of Issue: December 22, 2015

Legal Representative

Signature

Roger Midgley
Sr. Regulatory Compliance Engineer



Conformité européenne (French)

Conformité de l'équipement avec les directives ci-dessous est attestée par l'apposition de la marque CE.



Déclaration de conformité CE

Le nom du fabricant: CONTROL4 CORPORATION
Le fabricant Adresse: 11734 S. ÉLECTION Road Suite 200
SALT LAKE CITY
UT 84020 USA

Nom Représentant de l'UE: CONTROL4 EMEA LIMITED
UE représentant Adresse: Unit3, GREEN PARK CENTRE D'AFFAIRES
Sulton-ON-THE FOREST
YORK YO61 1ET, ROYAUME-UNI

Nom (s) de produit: Accueil Controller
Marque: Contol4
Modèle (s): C4-EA5

Produit standard (s) dont la conformité de la directive du Conseil (s) est déclarée:

EMC - 2014/30 / "compatibilité électromagnétique (CEM)" UE:
(Émissions) EN 55022: 2010, **(immunité)** EN 55024: 2010, EN 301 489-1 v1.9.2 (2011-09), EN 301 489-17 V2.2.1 (2012-09), EN 61000-3-2: 2006 + A1: 2009 + A2: 2009 et EN 61000-3-3: 2008

Sécurité - 2006/95 / CE "Directive Basse Tension (DBT)":
EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011

Radio - 2014/53 / UE directive équipement radio (RED):
EN 300 328 V1.9.1

ErP - 2009/125 / CE liées à l'énergie directive sur les produits.

RoHS - 2011/65 / UE limitation de l'utilisation de certaines substances dangereuses dans les équipements électriques et électroniques (EEE) et DEEE - 2002/96 / CE Déchets d'équipements électriques et électroniques (EEE).

Nous, soussignés, déclarons que l'équipement indiqué ci-dessus est conforme aux directives et normes ci-dessus. Date de publication 22 Décembre, ici à 2015

Représentant légal

Signature

Roger Midgley
Ingénieur de conformité réglementaire Sr.

European Compliance (German)

Die Konformität mit den folgenden Richtlinien wird durch die Anwendung des CE-Kennzeichen bestätigt.



CE-Konformitätserklärung

Name des Herstellers:	Control4 CORPORATION
Adresse des Herstellers:	11734 S. WAHL ROAD SUITE 200 SALT LAKE CITY UT 84020 USA
EU-Vertreter Name:	Control4 EMEA LIMITED
EU-Vertreter Adresse:	Unit3, GREEN Park Geschäftszentrum Sulton-ON-THE FOREST YORK YO61 1ET, VEREINIGTES KÖNIGREICH
Produkt-Name (n):	Home Controller
Marke:	Contol4
Modell (e):	C4-EA5

Produkt-Norm (en), um die Konformität der Richtlinie (n) deklariert ist:

EMC - 2014/30 / EG "Elektromagnetische Verträglichkeit (EMV) Die Richtlinie":
(Emissionen) EN 55022: 2010, **(Immunität)** EN 55024: 2010, EN 301 489-1 V1.9.2 (2011-09),
EN 301 489-17 V2.2.1 (2012-09), EN 61000-3-2 : 2006 + A1: 2009 + A2: 2009 und EN 61000-3-3: 2008

Sicherheit - 2006/95 / EG "Niederspannungsrichtlinie (LVD)":
EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011

Radio - 2014/53 / EU über Funkanlagen-Richtlinie (RED):
EN 300 328 V1.9.1

ErP - 2009/125 / EG Energiebezogene Produktrichtlinie.

RoHS - 2011/65 / EU zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten (EEE) & WEEE - 2002/96 / EG Richtlinie über Elektro- und Elektronikgeräten (EEE).

Wir, die Unterzeichneten, erklären hiermit, dass das oben angegebene Gerät zu den oben genannten Richtlinien und Normen. Ausstellungsdatum: 22. Dezember 2015

Gesetzlicher Vertreter

Stempel, Unterschrift

Roger Midgley
Sr. Regulatory Compliance-Ingenieur



Conformità Europea (Italian)

Conformità del materiale con le linee guida qui sotto è attestata dall'applicazione del marchio CE.



Dichiarazione di conformità CE

Nome del produttore: Control4 CORPORATION
Indirizzo del produttore: 11734 S. ELEZIONI STRADA SUITE 200
SALT LAKE CITY
UT 84020 Stati Uniti d'America

UE Nome Rappresentante: Control4 EMEA LIMITED
UE Indirizzo Rappresentante: Unit3, GREEN PARK BUSINESS CENTRE
Sulton-ON-THE FOREST
YORK YO61 IET, REGNO UNITO

Nome del prodotto (s): Casa controller
Marca: Contol4
Modello (s): C4-EA5

Prodotto standard (s) a cui conformità della direttiva del Consiglio (s) è dichiarato:

EMC - 2014/30 / UE "Compatibilità elettromagnetica (EMC)":
(Emissioni) EN 55022: 2010, **(immunità)** EN 55024: 2010, EN 301 489-1 v1.9.2 (2011-09), EN 301 489-17 V2.2.1 (2012-09), EN 61000-3-2 : 2006 + A1: 2009 + A2: 2009 e EN 61000-3-3: 2008

Sicurezza - 2006/95 / CE "Direttiva bassa tensione (LVD)":
EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011

Radio - 2014/53 / Direttiva sulle apparecchiature radio dell'UE (RED):
EN 300 328 V1.9.1

ErP - 2009/125 / CE Energy legati direttiva sui prodotti.

RoHS - 2011/65 Limitazione / UE dell'uso di determinate sostanze pericolose nelle apparecchiature elettriche ed elettroniche (AEE) e RAEE - 2002/96 / CE sui rifiuti di apparecchiature elettriche ed elettroniche (AEE).

I sottoscritti, dichiariamo che l'apparecchiatura specificata in precedenza è conforme alle direttive e norme di cui sopra. Data di pubblicazione: 22 dicembre 2015

Rappresentante legale

Firma

Roger Midgley
Suor Conformità alle normative Ingegnere



Conformidad Europea (Spanish)

La conformidad de los equipos con las siguientes pautas es atestiguado por la aplicación de la marca CE.



Declaración de conformidad CE

Nombre del fabricante:	Control4 CORPORACIÓN
Dirección del fabricante:	11734 S. ELECCIÓN Road Suite 200 SALT LAKE CITY UT 84020 EE.UU.
UE Nombre Representante:	Control4 EMEA LIMITED
Dirección Representante de la UE:	Tema 3., VERDE PARQUE EMPRESARIAL CENTRO Sulton-EN-EL BOSQUE YORK YO61 IET, REINO UNIDO
Nombre (s) del producto:	Controlador Inicio
Marca:	Contol4
Modelo (s):	C4-EA5

Producto estándar (s) a la que la conformidad de la Directiva del Consejo (s) se declara:

EMC - 2014/30 / UE "Directiva de compatibilidad electromagnética (EMC)":
(Emisiones) EN 55022: 2010, **(inmunidad)** EN 55024: 2010, EN 301 489-1 v1.9.2 (2011-09),
EN 301 489-17 V2.2.1 (2012-09), EN 61000-3-2 : 2006 + A1: 2009 + A2: 2009 y EN 61000-3-3:
2008

Seguridad - 2006/95 / CE "Directiva de Baja Tensión (LVD)":
EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011

Radio - 2014/53 / Directiva de Equipos de Radio de la UE (RED):
EN 300 328 V1.9.1

ErP - 2009/125 relacionados con energía / CE Directiva del producto.

RoHS - 2011/65 restricción del uso de ciertas sustancias peligrosas en equipos electrónicos (AEE) y WEEE eléctricos y / UE - 2002/96 / CE de Residuos de Aparatos Eléctricos (AEE) y electrónicos.

Nosotros, los abajo firmantes, declaramos por la presente que el equipo anteriormente mencionado se ajusta a las directrices y estándares anteriores. Fecha de emisión: 22 de diciembre 2015

Representante legal

Firma

Roger Midgley
Ingeniero Sr. Cumplimiento de la normativa



Conformidade Europeia (Portuguese)

Conformidade do equipamento com as diretrizes abaixo é atestada pela aplicação da marca CE.



Declaração de Conformidade CE

Nome do fabricante:	Control4 CORPORATION
Do fabricante Endereço:	11734 S. ELEIÇÃO ROAD SUITE 200 SALT LAKE CITY UT 84020 EUA
Representante da UE Nome:	Control4 EMEA LIMITED
Representante da UE Endereço:	UNIT3, GREEN PARK CENTRO DE NEGÓCIO Sulton-ON-THE FOREST YO61 IET YORK, REINO UNIDO
Nome (s) produto:	Início Controlador
Marca:	Contol4
Modelo (s):	C4-EA5

Padrão do produto (s) a que Conformidade da Directiva do Conselho (s) é declarado:

EMC - 2014/30 / UE "Compatibilidade Electromagnética (EMC)":
(Emissões) EN 55022: 2010, **(Imunidade)** EN 55024: 2010, EN 301 489-1 v1.9.2 (2011-09), EN 301 489-17 V2.2.1 (2012-09), EN 61000-3-2 : 2006 + A1: 2009 + A2: 2009 e EN 61000-3-3: 2008

Segurança - 2006/95 / CE "Directiva de Baixa Tensão (LVD)":
EN 60950-1: 2006 / A11: 2009 / A1: 2010 / A12: 2011

Rádio - 2014/53 / UE Directiva equipamento de rádio (RED):
EN 300 328 v1.9.1

ERP - 2009/125 relacionados Energy-/ CE Directiva do produto.

RoHS - 2011/65 / UE Restrição do Uso de Certas Substâncias Perigosas em Equipamentos Eléctricos e Electrónicos (EEE) e WEEE - 2002/96 / EC de Resíduos de Equipamentos Eléctricos e Electrónicos (EEE).

Nós, abaixo-assinado, declaro que o equipamento especificado acima está em conformidade com as diretrizes e normas acima referidas. Data de Emissão: 22 de dezembro de 2015

Representante legal

Assinatura

Roger Midgley
Sr. Engenheiro Conformidade Regulatória



Recycling

Control4 understands that a commitment to the environment is essential for a health life and sustainable growth for future generations. We are committed to supporting the environmental standards, laws, and directives that have been put in place by various communities and countries that deal with concerns for the environment. This commitment is represented by combining technological innovation with sound environmental business decisions.

WEEE Compliance

Control4 is committed to meeting all requirements of the Waste Electrical and Electronic Equipment (WEEE) directive (2002/96/EC). The WEEE directive requires the manufacturers of electrical and electronic equipment who sell in EU countries: (1) label their equipment to notify customers that it needs to be recycled, and (2) provide a way for their products to be appropriately disposed of or recycled at the end of their product lifespan. For collection or recycling of Control4 products, please contact your local Control4 representative or dealer.



About this Document

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