Control4 CORE-5 Controller

Installation Guide

Supported model

- C4-CORE5 Control4 CORE-5 Hub & Controller

Box contents

The following items are included in the box:

- CORE-5 controller
- AC power cord
- IR emitters (8)
- Rack ears (2, pre-installed on the CORE-5)
- Rubber feet (2, in box)
- External antennas (2)
- Terminal blocks for contacts and relays

Accessories sold separately

- Control4 3-Meter Wireless Antenna Kit (C4-AK-3M)
- Control4 Dual-Band WiFi USB Adapter (C4-USBWIFI OR C4-USBWIFI-1)
- 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. Si le périphérique USB ou le capteur de contact connecté ne semble pas s'allumer, retirez le périphérique du contrôleur.

Caution! If this product is used as a means to open and close a garage door, gate, or similar device, use safety or other sensors to ensure safe function. Follow appropriate regulatory and safety standards governing project design and installation. Failure to do so may result in property damage or personal injury.

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 CORE-5 controller.

Note: The CORE-5 requires OS 3.3 or higher.

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

Specifications

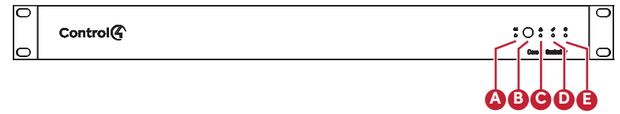
Inputs / Outputs	
Video out	1 video out—1 HDMI
Video	HDMI 2.0a; 3840x2160 @ 60Hz (4K); HDCP 2.2 and HDCP 1.4
Audio out	7 audio out—1 HDMI, 3 stereo analog, 3 digital coax
Audio playback formats	AAC, AIFF, ALAC, FLAC, M4A, MP2, MP3, MP4/M4A, Ogg Vorbis, PCM, WAV, WMA
High-res audio playback	Up to 192 kHz / 24 bit
Audio in	2 audio in—1 stereo analog, 1 digital coax
Audio delay on audio in	Up to 3.5 seconds, depending on network conditions
Digital signal processing	Digital coax in—Input level Audio out 1/2/3 (analog)—Balance, volume, loudness, 6-band PEQ, mono/stereo, test signal, mute Digital coax out 1/2/3—Volume, mute
Signal-to-noise ratio	<-118 dBFS
Total harmonic distortion	0.00023 (-110 dB)
Network	
Ethernet	1 10/100/1000BaseT compatible port (required for controller setup).
WiFi	Optional Dual-Band WiFi USB Adapter (2.4 GHz, 5 Ghz, 802.11ac/b/g/n/a)
WiFi security	WPA/WPA2
ZigBee Pro	802.15.4
ZigBee antenna	External reverse SMA connector
Z-Wave	Z-Wave 700 series
Z-Wave antenna	External reverse SMA connector
USB port	2 USB 3.0 port—500mA
Control	
IR OUT	8 IR out—5V 27mA max output
IR capture	1 IR receiver—front; 20-60 KHz
SERIAL OUT	4 Serial out—2 DB9 ports and 2 shared with IR out 1-2
Contact	4 contact sensors—2V-30VDC input, 12VDC 125mA maximum output
Relay	4 relays—AC: 36V, 2A maximum voltage across relay; DC: 24V, 2A maximum voltage across relay
Power	
Power requirements	100-240 VAC, 60/50Hz
Power consumption	Max: 40W, 136 BTUs/hour Idle: 15W, 51 BTUs/hour
Other	
Operating temperature	32˚F × 104˚F (0˚C × 40˚C)
Storage temperature	4˚F × 158˚F (-20˚C × 70˚C)
Dimensions (H × W × D)	1.65 × 17.4 × 9.92" (42 × 442 × 252 mm)
Weight	5.9 lbs (2.68 kg)
Shipping weight	9 lbs (4.08 kg)

Additional resources

The following resources are available for more support.

- Control4 CORE series help and information: ctrl4.co/core
- Snap One Tech Community and Knowledgebase: tech.control4.com
- Control4 Technical Support
- Control4 website: www.control4.com

Front view

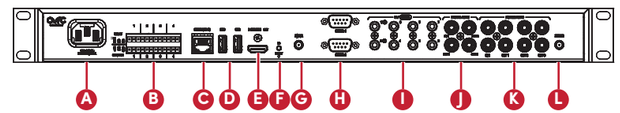


A **Activity LED**—The LED indicates that the controller is streaming audio.
B **IR window**—IR receiver for learning IR codes.
C **Caution LED**—This LED shows solid red, then blinks blue during the boot process.

Note: The Caution LED flashes orange during the factory restore process. See "Reset to factory settings" in this document.

D **Link LED**—The 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 **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).
C **ETHERNET—**RJ-45 jack for a 10/100/1000 BaseT Ethernet connection.
D **USB**—Two port for an external USB drive or the optional Dual-Band WiFi USB Adapter. See "Set up external storage devices" in this document.
E **HDMI OUT—**An HDMI port to display system menus. Also an audio out over HDMI.
F **ID and FACTORY RESET—**ID button to identify the device in Composer Pro. The ID button on the CORE-5 is also an LED that displays feedback useful during a factory restore.
G **ZWAVE**—Antenna connector for the Z-Wave radio
H **SERIAL—**Two serial ports for RS-232 control. See "Connecting the serial ports" in this document.
I **IR / SERIAL—**Eight 3.5 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.
J **DIGITAL AUDIO**—One digital coax audio input and three output ports. Allows audio to be shared (IN 1) over the local network to other Control4 devices. Outputs audio (OUT 1/2/3) shared from other Control4 devices or from digital audio sources (local media or digital streaming services such as TuneIn.)
K **ANALOG AUDIO—**One stereo audio input and three output ports. Allows audio to be shared (IN 1) over the local network to other Control4 devices. Outputs audio (OUT 1/2/3) shared from other Control4 devices or from digital audio sources (local media or digital streaming services such as TuneIn.)
L **ZIGBEE—**Antenna for the Zigbee radio.

Installing the controller

To install the controller:

1. Ensure that the home network is in place before starting system setup. The controller requires a network connection, Ethernet (recommended) or WiFi (with optional adapter), 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.
2. 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.
3. 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**) 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.
4. Connect system devices. Attach IR and serial devices as described in "Connecting the IR ports/serial ports" and "Setting up IR emitters."
5. Set up any external storage devices as described in "Setting up external storage devices" in this document.
6. 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 pre-installed rack-mount ears, the CORE-5 can easily be mounted in a rack for convenient installation and flexible rack placement. The pre-installed rack-mount ears can even be reversed to mount the controller facing the rear of the rack, if needed.

To attach the rubber feet to the controller:

1. Remove the two screws in each of the rack ears on the bottom of the controller. Remove the rack ears from the controller.
2. Remove the two additional screws from the controller case and place the rubber feet on the controller. .
3. Secure the rubber feet to the controller with three screws in each rubber foot.

Pluggable terminal block connectors

For the contact and relay ports, the CORE-5 makes use of pluggable terminal block connectors which are removable plastic parts that locks in individual wires (included).

To connect a device to the pluggable terminal block:

1. Insert one of the wires required for your device into the appropriate opening in the pluggable terminal block you reserved for that device.
2. Use a small flat-blade screwdriver to tighten the screw and secure the wire in the terminal block.

Example: To add a motion sensor (see Figure 3), connect its wires to the following contact openings:

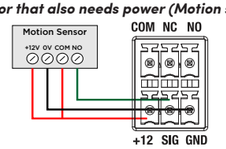
- Power input to **+12V**
- Output signal to **SIG**
- Ground connector to **GND**

Note: To connect dry contact closure devices, such as doorbells, connect the switch between **+12** (power) and **SIG** (signal).

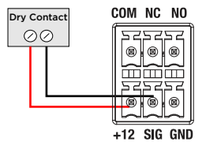
Connecting the contact ports

The CORE-5 provides four contact ports on the included pluggable terminal blocks. See the examples below to learn how to connect devices to the contact ports.

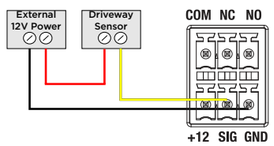
Wire the contact to a sensor that also needs power (Motion sensor)



Wire the contact to a dry contact sensor (Door contact sensor)



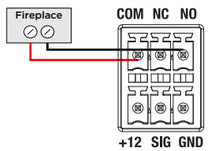
Wire the contact to an externally powered sensor (Driveway sensor)



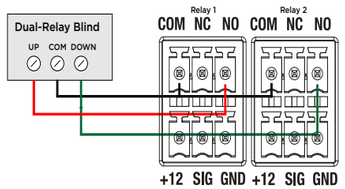
Connecting the relay ports

The CORE-5 provides four relay ports on the included pluggable terminal blocks. See the examples below to learn now to connect various devices to the relay ports.

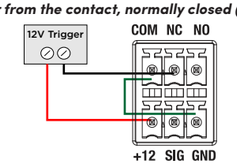
Wire the relay to a single-relay device, normally open (Fireplace)



Wire the relay to a dual-relay device (Blinds)



Wire the relay with power from the contact, normally closed (Amplifier trigger)



Connecting the serial ports

The CORE-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 (http://ctrl4.co/contr-serial-pinout) 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 CORE-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, 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 CORE-5 controller, a single primary partition formatted FAT32 is recommended.

Composer Pro driver information

Use Auto Discovery and SDDP to add the driver to the Composer project. See the *Composer Pro User Guide* (ctrl4.co/cpro-ug) for details.

Troubleshooting

Reset to factory settings

Caution! The factory restore process will remove the Composer project.

To restore the controller to the factory default image:

1. Insert one end of a paper clip into the small hole on the back of the controller labeled **RESET**.
2. Press and hold the **RESET** button. The controller resets and the **ID** button changes to solid red.
3. Hold the button until the **ID** flashes double orange. This should take five to seven seconds. The **ID** button flashes orange while the factory restore is running. When complete, the **ID** button turns off and the device power cycles one more time to complete the factory restore process.

Note: During the reset process, the **ID** button provides the same feedback as the Caution LED on the front of the controller.

Power cycle the controller

1. Press and hold the **ID** button for five seconds. The controller turns off and back on.

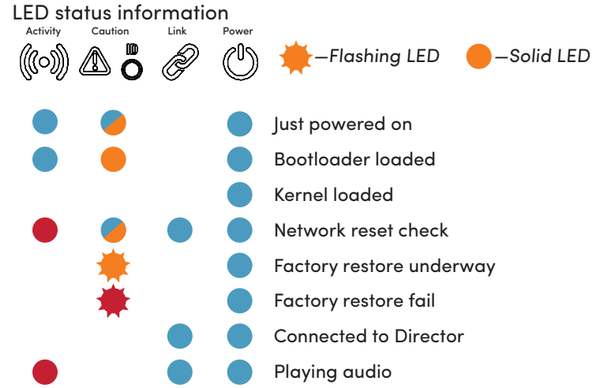
Reset the network settings

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, power on the controller.
3. Hold the **ID** button until **ID** button turns solid orange and the Link and Power LEDs are solid blue, and then immediately release the button.

Note: During the reset process, the **ID** button provides the same feedback as the Caution LED on the front of the controller.

LED status information



Legal, Warranty, and Regulatory/Safety information

Visit snapone.com/legal 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.

MOST RECENT VERSION

ctrl4.co/core5-ig

MORE INFO ON CORE CONTROLLERS

ctrl4.co/core

Control4®

control4.com | 888.400.4070

Copyright 2021, Snap One, LLC. All rights reserved. Snap One and its respective logos are registered trademarks or trademarks of Snap One, LLC (formerly known as Wirepath Home Systems, LLC), in the United States and/or other countries. 4Store, 4Sight, Control4, Control4 My Home, SnapAV, Mockupancy, NEEO, OvrC, Wirepath, and Wirepath ONE are also registered trademarks or trademarks of Snap One, LLC. Other names and brands may be claimed as the property of their respective owners. Snap One makes no claim that the information contained herein covers all installation scenarios and contingencies, or product use risks. Information within this specification subject to change without notice.

A
200-00725-A
2021-11-12 DH

Regulatory Compliance & Safety Information for Model C4-CORE5

Electrical Safety Advisory
Sécurité électrique consultatif

Important Safety Instructions

Consignes 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.

   Lisez ces instructions.

2. Keep these instructions.

   Conservez ces instructions.

3. Heed all warnings.

   Respectez tous les avertissements.

4. Follow all instructions.

   Suivez toutes les instructions.

5. Do not use this apparatus near water.

   Ne pas utiliser cet appareil près de l'eau.

6. Clean only with dry cloth.

   Nettoyez-le uniquement avec un chiffon sec.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

   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.

   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. Only use attachments/accessories specified by the manufacturer.

   Utilisez uniquement des fixations / accessoires spécifiés par le fabricant.

10. 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.

    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.

11. 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.

    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.

12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

    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.

13. 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. Unplug this apparatus during lightning storms or when unused for long periods of time.

    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. Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant de longues périodes de temps.

14. To completely disconnect unit power from the AC mains, remove the power cord from the appliance coupler and/or turn off the circuit breaker. To reconnect power, turn on the circuit breaker following all safety instructions and guidelines. The circuit breaker shall remain readily accessible.

    Pour débrancher complètement l'alimentation secteur du réseau secteur, retirez le cordon d'alimentation du coupleur de l'appareil et / ou éteignez le disjoncteur. Pour reconnecter l'alimentation, allumez le disjoncteur en suivant toutes les consignes et consignes de sécurité. Le disjoncteur doit être facilement accessible.

15. This product relies on the buildings installation for short-circuit (overcurrent) protection. Ensure that the protective device is rated not greater than: 20A.

    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.

16. **WARNING – Power Sources, Grounding, Polarization**

This product requires a properly grounded outlet for safety. This plug is designed to be inserted into a NEMA 5-15 (three-prong grounded) outlet only. Do not force the plug into an outlet that is not designed to accept it. Never dismantle the plug or alter the power cord, and do not attempt to defeat the grounding feature by using a 3-to-2 prong adapter. If you have a question about grounding, consult your local power company or qualified electrician.

If a rooftop device such as a satellite dish connect to the product, ensure that the devices' wires are also properly grounded.

The bonding point can be used to provide a common ground to other equipment. This bonding point can accommodate minimum 12 AWG wire and should be connected using the required hardware specified by the other bonding point. Please use termination for your equipment in accordance with the applicable local agency requirements.

AVERTISSEMENT - Sources d'alimentation, mise à la terre, polarisation

Ce produit nécessite une prise correctement mise à la terre pour des raisons de sécurité. Cette fiche est conçue pour être insérée dans une prise NEMA 5-15 (trois broches mise à la terre) uniquement. Ne forcez pas la fiche dans une prise qui n'est pas conçue pour l'accepter. Ne démontez jamais la fiche ou ne modifiez pas le cordon d'alimentation, et n'essayez pas de désactiver la fonction de mise à la terre en utilisant un adaptateur 3 à 2 broches. Si vous avez une question sur la mise à la terre, consultez votre compagnie d'électricité locale ou un électricien qualifié.

Si un appareil sur le toit tel qu'une antenne parabolique se connecte au produit, assurez-vous que les fils des appareils sont également correctement mis à la terre.

Le point de liaison peut être utilisé pour fournir une masse commune à d'autres équipements. Ce point de connexion peut accueillir un fil de 12 AWG minimum et doit être connecté à l'aide du matériel requis spécifié par l'autre point de connexion. Veuillez utiliser une terminaison pour votre équipement conformément aux exigences des agences locales applicables.

17. Notice – For indoor use only, Internal components are not sealed from the environment. The device can only be used in a fixed location such as a telecommunication center, or a dedicated computer room. When you install the device, ensure that the protective earthing connection of the socket-outlet is verified by a skilled person. Suitable for installation in information technology rooms in accordance with Article 645 of the National Electrical Code and NFP 75.

    Avis – Pour une utilisation en intérieur uniquement, les composants internes ne sont pas scellés de l'environnement. L'appareil ne peut être utilisé que dans un lieu fixe tel qu'un centre de télécommunication, ou une salle informatique dédiée. Lors de l'installation de l'appareil, assurez-vous que la mise à la terre de protection de la prise de courant est vérifiée par une personne qualifiée. Convient pour une installation dans des salles informatiques conformément à l'article 645 du Code national de l'électricité et NFP 75.

18. This product can interfere with electrical equipment such as tape recorders, TV sets, radios, computers, and microwave ovens if placed in close proximity.

    Ce produit peut interférer avec des appareils électriques tels que les magnétophones, téléviseurs, radios, ordinateurs et fours à micro-ondes si placés à proximité.

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.

    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. WARNING – No user serviceable parts inside. If the product is not operating properly, do not remove any part of the unit (cover, etc.) for repair. Unplug the unit and consult the warranty section of the owner's manual.

    AVERTISSEMENT – Aucune pièce réparable par l'utilisateur à l'intérieur. Si le produit ne fonctionne pas correctement, ne retirez aucune pièce de l'appareil (couvercle, etc.) pour réparation. Débranchez l'appareil et consultez la section de garantie du manuel du propriétaire.

21. **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.

    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.

22. PoE considered a Network Environment 0 per IEC TR62101, and thus the interconnected ITE circuits may be considered ES1. The installation instructions clearly state that the ITE is to be connected only to PoE networks without routing to the outside plant.

    PoE considéré comme un environnement de réseau 0 selon IEC TR62101 et, par conséquent, les circuits ITE interconnectés peuvent être considérés comme ES1. Les instructions d'installation indiquent clairement que l'ITE doit être connecté uniquement aux réseaux PoE sans acheminement vers l'installation externe.

23. **CAUTION**: The Optical Transceiver used with this product should use UL listed, and Rated Laser Class I, 3.3 Vdc.

    ATTENTION: L'émetteur-récepteur optique utilisé avec ce produit doit utiliser la liste UL et la classe de laser nominale I, 3,3 Vcc.

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:

c UL us LISTED

USA & Canada Compliance

FCC Part 15, Subpart B & IC 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.

This device complies with part 15 of the FCC rules. 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.

Cet appareil est conforme à la section 15 des règles. Son utilisation est soumise aux deux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles et (2) cet appareil doit accepter toutes les interférences reçues, y compris celles pouvant entraîner un fonctionnement non souhaité.

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.

Innovation Science and Economic Development (ISED) Unintentional Emissions Interference Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference
(2) This device must accept any interference, including interference that may cause undesired operation of the device

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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: 2AJAC-CORE5
IC: 7848A-CORE5

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.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

Caution :

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

(iii) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement:

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non point à point, selon le cas;

(iii) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

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: 2AJAC-CORE5
IC: 7848A-CORE5

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.

Cet émetteur ne doit pas être localisé ou fonctionner avec d'autres antennes ou transmetteurs. Les opérations dans la bande 5.15-5.25GHz sont limitées à l'utilisation à l'intérieur seulement.

RF Radiation Exposure Statement

This equipment complies with FCC RF and IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 10 centimeters between the radiator and your body or nearby persons.

Déclaration d'exposition aux radiations RF

Cet équipement est conforme aux limites d'exposition aux rayonnements RF et IC de la FCC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 10 centimètres entre le radiateur et votre corps ou des personnes proches.

Europe Compliance

Compliance of this equipment is confirmed by the following logo that is placed on the product ID label that is placed on the bottom of the equipment. The full text of the EU Declaration of Conformity (DoC) is available on the regulatory webpage:

This product can be put into service in all of the EU member states, European Free Trade Association (EFTA) and EU candidate countries without any restriction.

BE	BG	CZ	DK
DE	EE	IE	EL
ES	FR	HR	IT
CY	LV	LT	LU
HU	MT	NL	AT
PL	PT	RO	SI
SK	FI	SE	UK
IS	LI	NO	CH
MK	AL	RS	TR

The frequency and maximum transmitted power in EU are listed as below:
2412 - 2472 MHz: ?$ dBm
5180 - 5240 MHz: ?$ dBm

WLAN 5GHz:
Operations in the 5.15-5.35GHz band are restricted to indoor usage only.

United Kingdom (UK) Compliance

Compliance of this equipment is confirmed by the following logo that is placed on the product ID label that is placed on the bottom of the equipment. The full text of the UK Declaration of Conformity (DoC) is available on the regulatory webpage:

Recycling

Snap One 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

Snap One is committed to meeting all requirements of the Waste Electrical and Electronic Equipment (WEEE) directive (2012/19/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 Snap One products, please contact your local Snap One representative or dealer.

Australia & New Zealand Compliance

Compliance of this equipment is confirmed by the following logo that is placed on the product ID label that is placed on the bottom of the equipment.

About this Document

Copyright © 2022 Snap One All rights reserved.

1800 Continental Blvd. Suite 200 • Charlotte, NC 28273
866-424-4489 • snapone.com