

FCC / IC

En

This device complies with part 15 of the FCC and Industry Canada license-exempt RSS standard(s). 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.

FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: 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 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

Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

Fr

Cet appareil est conforme au paragraphe 15 des normes FCC et au CNR pour les appareils exempts de licence d'Industrie Canada. Son utilisation est sujette aux deux conditions suivantes:
(1) cet appareil ne doit pas occasionner de brouillage préjudiciable et (2) cet appareil doit accepter toutes les interférences reçues, notamment les interférences qui peuvent provoquer un fonctionnement non désiré.

NOTE DE LA FCC: Le fabricant n'est pas responsable des interférences sur les fréquences radioélectriques ou télévisuelles pouvant être causées par des modifications non autorisées de ce matériel. De telles modifications peuvent annuler le droit de l'utilisateur à utiliser cet appareil.

REMARQUE: Cet appareil a été testé et certifié conforme aux limites relatives aux appareils numériques de catégorie B définies dans le paragraphe 15 des normes FCC. Ces limites ont été définies afin de fournir une protection raisonnable contre le brouillage préjudiciable en milieu résidentiel. Cet appareil produit, utilise et peut émettre des ondes de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, il peut provoquer un brouillage préjudiciable aux communications radio. Il n'existe toutefois aucune garantie que des interférences ne se produiront pas au sein d'une installation donnée. Si cet appareil occasionne un brouillage préjudiciable à la réception radiophonique ou télévisuelle, il suffit d'allumer et d'éteindre l'appareil pour déterminer sa responsabilité. Nous encourageons l'utilisateur à essayer de corriger ces interférences en appliquant une ou plusieurs des mesures suivantes:

- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'appareil et le récepteur.
- Brancher l'appareil à une prise secteur différente de celle du récepteur.
- Consulter le revendeur ou un technicien spécialisé en postes radio ou téléviseurs.

Remarque importante: Pour se conformer aux exigences de conformité de la FCC concernant l'exposition aux RF, aucune modification apportée à l'antenne ou au dispositif n'est autorisée. Toute modification apportée à l'antenne ou au dispositif pourrait faire en sorte que le dispositif dépasse les exigences d'exposition aux RF et pourrait annuler le droit de l'utilisateur à utiliser ce dispositif.

Es

Este dispositivo cumple con las Especificaciones del apartado 15 de las normas de la FCC y con las especificaciones de las normas radioeléctricas (RSS) del Ministerio de Industria de Canadá aplicables a aparatos exentos de licencia. El funcionamiento está sujeto a las siguientes dos condiciones:
(1) este dispositivo no debe provocar interferencia perjudicial, y (2) este dispositivo debe aceptar toda interferencia que reciba, incluso la que pudiera causar un funcionamiento no deseado.

NOTA DE LA FCC: El fabricante no se hace responsable de ninguna interferencia de radio o TV ocasionada por modificaciones no autorizadas efectuadas a este equipo. Dichas modificaciones podrían anular la autoridad del usuario para utilizar el equipo.

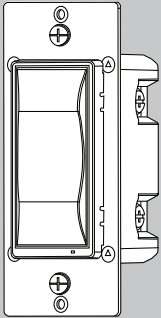
NOTA: Este equipo ha sido probado y cumple con los límites para aparatos digitales de Clase B, de conformidad con el apartado 15 de las normas de la FCC. Estos límites están diseñados para proveer protección razonable contra interferencias perjudiciales en una instalación residencial. Este equipo genera, usa y puede irradiar energía de radiofrecuencias y, si no se instala y usa según las instrucciones, puede provocar interferencia perjudicial a las radiocomunicaciones. No obstante, no hay garantías de que no ocurrirá interferencia en una instalación en particular. Si este equipo provoca interferencia perjudicial a la recepción de radio o televisión, lo que puede determinarse encendiendo y apagando el equipo, se recomienda que el usuario intente corregir la interferencia por medio de la implementación de una o más de las siguientes medidas:

- Reorientar o reubicar la antena receptora.
- Incrementar la separación entre el equipo y el receptor.
- Conectar el equipo a un tomacorriente de un circuito diferente del circuito al que está conectado el receptor.
- Consultar al distribuidor o a un técnico con experiencia en radio/televisión para solicitar asistencia.

Nota importante: Para cumplir con los requisitos de cumplimiento de exposición de radiofrecuencia de la FCC, no se permiten cambios a la antena o el dispositivo. Cualquier cambio a la antena o dispositivo podría hacer que el dispositivo supere los requerimientos de exposición de radiofrecuencia y anular la autoridad del usuario para operar el dispositivo.

Responsible Party - US Contact Information | Parte responsable - Información de contacto de los Estados Unidos | Partie responsable - Coordonnées des États-Unis
Control4 | Model: C4-V-SW120277/46733
11734 S Election Rd, Draper, UT 84020 | 1-888-400-4070 | www.control4.com

MANUAL • MANUEL • MANUAL



46733
C4-V-SW120277

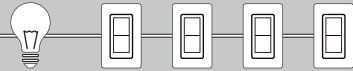
Essential
Switch, 120V/277V

Convert your switch into a multi-location switch

*For a list of compatible devices, visit control4.com



Essential Switch



Essential Auxiliary Keypads

To purchase an auxiliary keypad or for more details, visit control4.com.

Multiple rocker
colors available



Purchase additional items at
control4.com.



Essential Forward
Phase Dimmer



Essential Auxiliary
Keypad



Essential Switch

If you have any problems or questions, contact our U.S.-based Technical Support at 1-888-400-4072, Monday-Friday, 7 AM-6 PM MDT.
For the most up-to-date product support, accessories, electronic (PDF) format manuals and more, visit <https://dealer.control4.com/support>.
• No user serviceable parts in this unit.

Si vous avez des problèmes ou des questions, veuillez communiquer avec notre service à la clientèle aux États-Unis au 1-888-400-4072, du lundi au vendredi, de 7 h à 18 h, heure normale des Rocheuses (HNR).
Pour le soutien relatif aux produits le plus à jour, les accessoires, les manuels en format électronique (PDF) et plus encore, visitez le site <https://dealer.control4.com/support>.
• Aucune des pièces de ce dispositif ne peut être réparée par l'utilisateur.

Si tiene problemas o dudas, comuníquese con nuestro Centro de atención al cliente con sede en EE. UU. al 1-888-400-4072 de lunes a viernes, de 7 a.m. a 6 p.m., hora estándar de montaña (MST).
Para recibir el soporte técnico más actualizado sobre productos, accesorios, manuales en formato digital (PDF), entre otros, visite <https://dealer.control4.com/support>.
• Esta unidad no contiene piezas que el usuario pueda reparar.

WARNING

**RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS**

CONTROLLING APPLIANCES

CAUTION:

- DO NOT EXCEED RATINGS
- DO NOT USE TO CONTROL ANY DEVICE WHERE UNINTENDED OPERATION COULD CAUSE UNSAFE CONDITIONS (HEAT LAMP, SUN LAMP, ETC.)
- DO NOT USE TO CONTROL RECEPTACLES
- FOR INDOOR USE ONLY

ADVERTENCIA

**RIESGO DE INCENDIO
RIESGO DE DESCARGA ELÉCTRICA
RIESGO DE QUEMADURAS**

CONTROL DE EQUIPOS

ELECTRODOMÉSTICOS

PRECAUCIÓN:

- USAR EXCLUSIVAMENTE PARA CONTROLAR BOMBILLAS CFL/LED INCANDESCENTES O ATENUABLES
- NO SUPERE LOS VALORES NOMINALES ELÉCTRICOS
- NO USAR PARA CONTROLAR DISPOSITIVOS EN LOS QUE EL FUNCIONAMIENTO NO INTENCIONADO PODRÍA PROVOCAR SITUACIONES PELIGROSAS (LÁMPARAS DE CALEFACCIÓN, LÁMPARAS SOLARES, ETC.)
- NO UTILICE PARA CONTROLAR TOMACORRIENTES
- USE SOLAMENTE EN INTERIORES

AVERTISSEMENT

**RISQUE D'INCENDIE
RISQUE DE CHOC ÉLECTRIQUE
RISQUE DE BRÛLURES**

COMMANDE DES APPAREILS

ATTENTION:

- UTILISER SEULEMENT POUR COMMANDER LES AMPOULES À DEL ET FLUOCOMPACTES À INCANDESCENCE OU À INTENSITÉ RÉGLABLE
- NE PAS DÉPASSER LES CARACTÉRISTIQUES NOMINALES
- NE PAS UTILISER POUR COMMANDER DES APPAREILS POUR LESQUELS UN FONCTIONNEMENT IMPRÉVU POURRAIT ENTRAÎNER DES CONDITIONS DANGEREUSES (LAMPE À RAYONS INFRAROUGES, LAMPE SOLAIRE, ETC.)
- NE PAS UTILISER POUR COMMANDER LES PRISES DE COURANT
- POUR UTILISATION INTÉRIEURE UNIQUEMENT

NOT FOR USE WITH MEDICAL OR LIFE-SUPPORT EQUIPMENT

ZIGBEE ENABLED DEVICES SHOULD NEVER BE USED TO SUPPLY POWER TO OR CONTROL THE ON/OFF STATUS OF MEDICAL OR LIFE-SUPPORT EQUIPMENT.

NE PAS UTILISER AVEC UN ÉQUIPEMENT MÉDICAL OU DE SURVIE

LES DISPOSITIFS COMPATIBLES AVEC LA TECHNOLOGIE ZIGBEE NE DEVRAIENT JAMAIS ÊTRE UTILISÉS POUR ALIMENTER OU COMMANDER LA MISE EN MARCHÉ OU L'ARRÊT DE L'ÉQUIPEMENT MÉDICAL OU DE SURVIE.

SE PROHÍBE SU EMPLEO EN EQUIPO MÉDICO O EQUIPO PARA EL MANTENIMIENTO DE LAS FUNCIONES VITALES

LOS DISPOSITIVOS ZIGBEE NUNCA SE DEBEN USAR PARA SUMINISTRAR ENERGÍA ELÉCTRICA AL EQUIPO MÉDICO O AL EQUIPO PARA EL MANTENIMIENTO DE FUNCIONES VITALES, NI PARA CONTROLAR EL ESTADO DE ENCENDIDO O APAGADO DE DICHOS EQUIPOS.

SPECIFICATIONS (C4-V-SW120277)

- Power: 120 VAC or 277 VAC, 60 Hz.
- Signal (Frequency): 2.4 Ghz IEEE 802.15.4.
- Maximum loads: 960W incandescent at 120 VAC, 1385 W incandescent at 277 VAC, ½ HP Motor, or 15A Resistive
- Range: Up to 100 m (325 feet) line of sight between the switch and the closest receiver module. For indoor use, place devices within 4.5 to 9 m (15 to 30 feet) of each other.
- Normal operating temperature: 0–40° C (32–104° F)
- For indoor use only.
- Complies with FCC and Industry Canada regulations
- Use 14 AWG or larger wires suitable for at least 80° C
- Specifications subject to change without notice due to continuing product improvement
- Neutral connection required

SPÉCIFICATIONS (C4-V-SW120277)

- Tension : 120 V c.a. ou 277 V c.a., 60 Hz.
- Signal (fréquence) : 2.4 GHz IEEE 802.15.4.
- Charges maximales : 960 watts (incandescent) à 120 V c.a., 1385 watts (incandescent) à 277 V c.a., moteur de ½ HP, ou résistance de 15 A.
- Portée : Distance à vue entre la télécommande et le module de réception le plus proche allant jusqu'à 100 m (325'). Pour une utilisation en intérieur, placez les appareils à moins de 4.5–9 m (15 à 30') l'un de l'autre.
- Température de service : 0–40° C (32–104° F)
- Utilisation intérieure uniquement.
- Conforme aux normes FCC et d'Industrie Canada
- Fils de calibre 14 AWG ou de calibre supérieur, adaptés à des températures d'au moins 80 °C.
- En raison d'améliorations continues du produit, les spécifications peuvent faire l'objet de changements sans préavis.

ESPECIFICACIONES (C4-V-SW120277)

- Alimentación: 120 VCA o 277 VCA, 60 Hz.
- Señal (Frecuencia): 2.4 GHz IEEE 802.15.4.
- Cargas máximas: 960 W incandescente a 120 VCA, 1385 W incandescente a 277 VCA, ½ HP motor, o 15A resistiva
- Alcance: Hasta 325 pies (100m) en línea de visibilidad directa entre el control inalámbrico y el módulo receptor Zigbee más cercano. Para uso en interiores, coloque dispositivos a una distancia de 15 a 30 pies (aproximadamente 5 a 9 m) entre sí.
- Temperatura de funcionamiento normal: 0–40° C (32–104° F)
- Para uso en interiores exclusivamente.
- Cumple con la normativa de la FCC y del Ministerio de Industria de Canadá
- Use cables de 14 AWG o superior que sean adecuados para una temperatura de al menos 80 °C
- Especificaciones sujetas a cambio sin aviso debido a continuas mejoras del producto

WARRANTY/GARANTIE/GARANTÍA

<https://www.control4.com/legal/warranty/>

Control4

All brand names shown are trademarks of their respective owners.

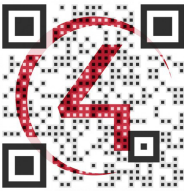
Tous les noms de marque illustrés sont des marques de commerce de leurs propriétaires respectifs.

Todas las marcas que aparecen aquí son marcas registradas de sus respectivos dueños.

MADE IN CHINA/FABRIQUÉ EN CHINE/HECHO EN CHINA

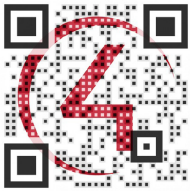
DISTRIBUTED BY CONTROL4, 11734 S ELECTION RD DRAPER, UT 84020.
46733 | C4-V-SW120277 | 200-00642-B | 2020-1-6 DH

MOST RECENT VERSION



ctrl4.co/c4-v-sw120277-ig

MORE WIRING DIAGRAMS

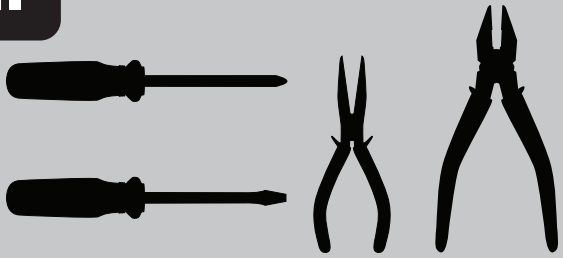


ctrl4.co/essential-wiring

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1.

Tools You Will Need



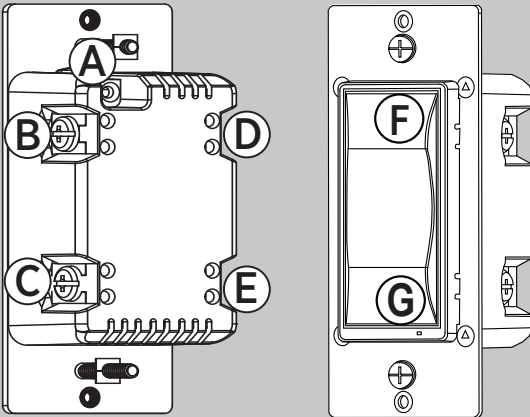
IMPORTANT!

The fixture controlled by the Control4 Essential Switch must not exceed 960W incandescent at 120V AC, 1385 W incandescent at 277V AC, ½ HP Motor, or 15A Resistive. The switch is designed only for use with permanently installed fixtures.

Getting to know your device

- Turn ON/OFF manually or remotely through other Control4 devices
- Can be included in multiple groups and scenes
- May be used in single-pole installation or with up to four Control4 Essential Auxiliary Keypads in 3-, 4-, or 5-way wiring configurations
- Auto line/load detection
- Interchangeable rocker switch
- Uses a standard Decora faceplate for single gang installations (faceplate not included)
- Screw terminal installation — requires wiring connections for Line (Hot), Load, Neutral and Ground. Traveler wire required for 3-way or 4-way installation
- Over-the-air updates — Once joined to your Control4 Zigbee network, the Essential Switch can receive updates through your Control4 controller
- LED status indicator — Indicates light state and pairing process status

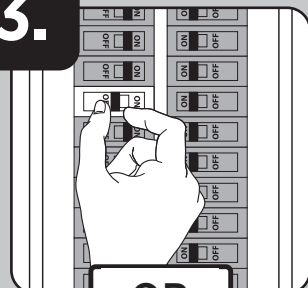
2.



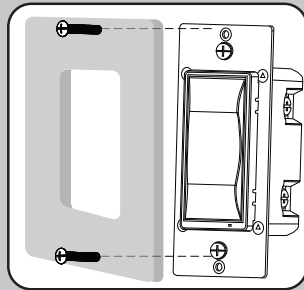
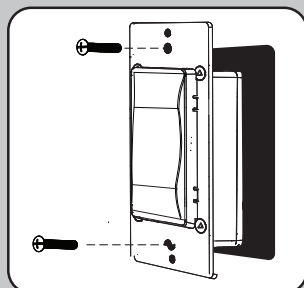
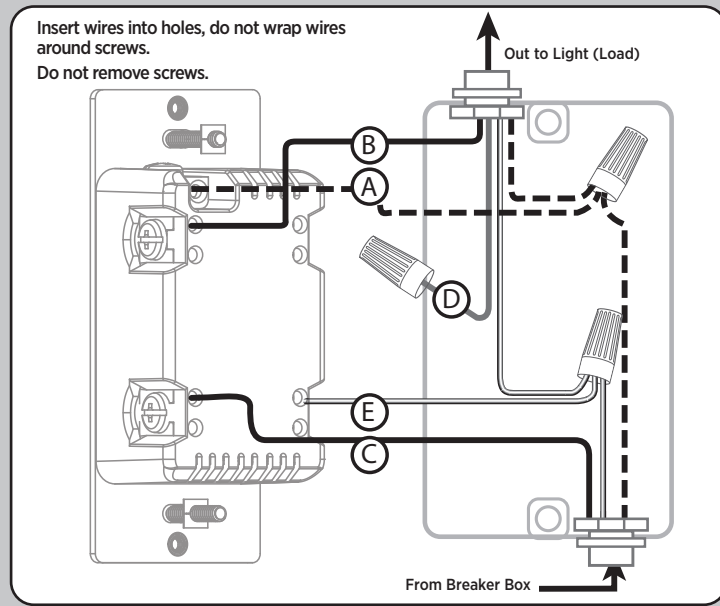
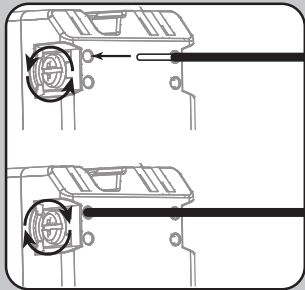
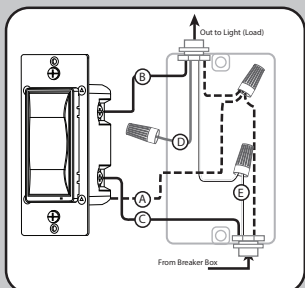
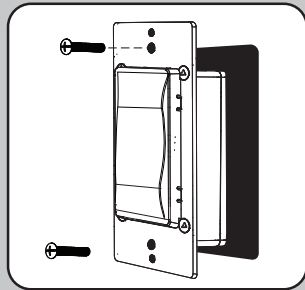
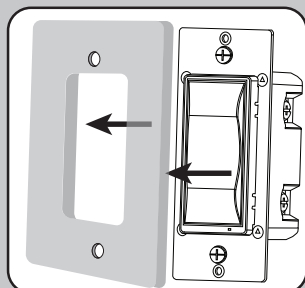
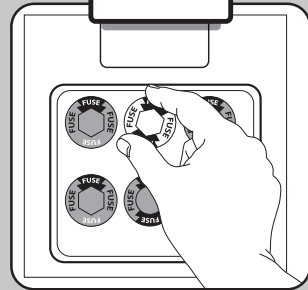
- A. **Ground** (Green/Bare)
 B. **Line or Load** (Black)
 C. **Line or Load** (Black)
 D. **Traveler** (Red/Other)
 E. **Neutral** (White)

- F. **Top rocker** — Press and release to turn switch ON
 G. **Bottom rocker** — Press and release to turn switch OFF

3.



OR



WARNING — SHOCK HAZARD

Turn OFF the power to the branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the switch. This device is intended for installation in accordance with the National Electric Code and local regulations in the United States or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation consult a qualified electrician.

Multi-switch wiring

For 3-way installations, please refer to the Control4 Essential Auxiliary Keypad manual.

Single-switch wiring

Before installation, you may wish to change the rocker color to match your faceplate or decor. Please proceed to “Change the color of the rocker”.

1. Shut off power to the circuit at circuit breaker or fuse box.

IMPORTANT! Verify power is OFF to back box before continuing.

2. Remove faceplate.
3. Remove the switch mounting screws.
4. Carefully remove the switch from the back box. DO NOT disconnect the wires.
5. There are up to five screw terminals on the Control4 Essential Switch; these are marked:
 A. GROUND — Green/Bare

- B. LINE OR LOAD — Black (connected to power or lighting)
 C. LINE OR LOAD — Black (connected to power or lighting)
 D. TRAVELER — Red/Other (only in 3-way installations)
 E. NEUTRAL — White

Match these screw terminals to the wires connected to the existing switch.

6. Disconnect the wires from the existing switch. Label wires according to the previous terminal connection.

Observe important wiring information

IMPORTANT! This switch is rated for and intended to only be used with copper wire.

Wire gauge requirements

Use 14AWG or larger wires suitable for at least 80° C for supplying line (hot), load, neutral, ground and traveler connections.

Installation:

1. Wire strip length:
 - For attachment using the enclosure's holes, strip insulation 5/8 in. (16 mm).
 - When using screw terminals, strip to 1 in.
2. Connect the green or bare copper ground wire to the GROUND terminal.
3. Connect the black wire from the light to either LINE/LOAD terminal.
4. Connect the black wire from the electrical service panel (hot) to either LINE/LOAD terminal.
5. Connect the white wire to the NEUTRAL terminal (use a jumper wire if needed).

UL specifies that the tightening torque for the screws is 14 Kgf-cm (12 lbf-in).

Reset Switch (Remove From Zigbee Network)

From Composer

From the **Network > Zigbee Network** menu, select the Essential Switch and click on **Disconnect**. The switch will be removed from the Zigbee network. All configuration parameters will be reset after the switch is removed from the network.

Manual

To manually reset and remove the switch from the Zigbee network, tap top of rocker (ON Switch) 13 times quickly (short presses), the bottom of rocker (OFF Switch) 4 times quickly, and then tap top of rocker again 13 times quickly.

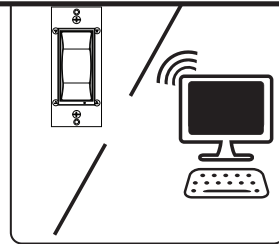
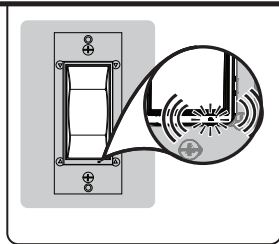
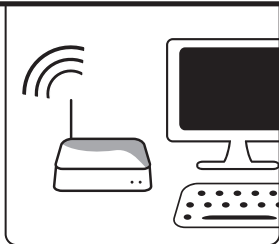
Essential Auxiliary Keypad is required for Multi-switch 3-way or 4-way installations.

To use the Control4 Essential Switch with the Essential Auxiliary Keypad, a neutral connection is required.

Connecting the traveler terminal of this switch to a standard, non-Control4 switch will cause damage or result in improper function. If this switch is a part of a 3-way or 4-way multi-switch installation, do not connect the traveler wire or apply power until Control4 Essential Auxiliary Keypads are correctly installed. For more information on 3-way or 4-way installations, view the manual or quick start guide that comes with the Control4 Essential Auxiliary Keypad.

For expanded wiring diagrams and more information on Essential Auxiliary Keypad wiring, see ctrl4.co/essential-wiring.

4.



Adding the switch to a Control4 project

For best results, be sure your controller is running OS 3.1.2 or newer.

1. In Composer, add the driver for the Control4 Essential Switch (C4-V-SWI20277) to the project.
2. In the **Network > Zigbee Network** view, double-click the driver for the Essential Switch to open the **Identify** window.
3. Restore power to the Control4 Essential Switch at the circuit breaker.
4. Follow Composer's on-screen instructions to identify the Control4 Essential Switch; press the top rocker 4 times quickly to begin network pairing. The LED status indicator blinks as the Switch automatically scans the network for a compatible controller.
5. After the Control4 Essential Switch is joined to the Zigbee network, the LED status indicator stops blinking, and the address for the Control4 Essential Switch appears in Composer.
6. The Control4 Essential Switch is now paired to the Zigbee network and can be controlled.

Note: The LED blinks until the switch is successfully added to a Control4 project.

Note: If the switch does not successfully join the Zigbee network, the auto-scan process will eventually time out (and the LED status indicator will stop blinking). To restart the pairing process following a timeout, press the top button 4 times quickly.

If prompted to enter the install code, refer to the QR code label on the product. Enter the full code.

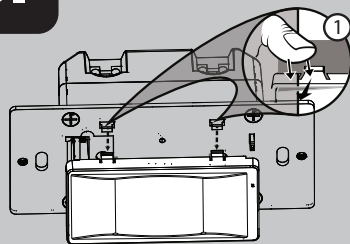
Example:



EUI: 000D6FFFFECD6DD6

Install code: 39F9-OCA3-09F2-4C6F-8080-131B-6EE4-1E95-D22E

5.



Change color of the rocker

This step is optional. Before you start, you may want to change the color of the rocker to match your faceplate or decor.

1. Push side tabs in on one side and then the other to release rocker. Lift the cover up and off.
2. Simply put the new rocker onto the switch by inserting the side tabs and snapping securely into place.

Once this step has been completed, please return to section 3.