FCC / IC

En

This device complies with Part 15 of the FCC and Industry Canada license-exempt RSS standards. 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 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 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.

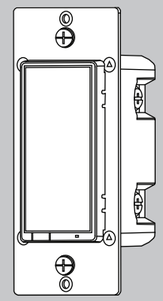
ES

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-FPD120-C 60488
11734 S Election Rd, Draper, UT 84020 | 1-888-400-4070 | www.control4.com

MANUAL • MANUEL • MANUAL

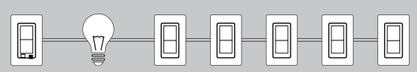


60488
C4-V-FPD120-C

Essential
Forward Phase Dimmer, 120V, Contemporary

Convert your dimmer to a multi-location dimmer

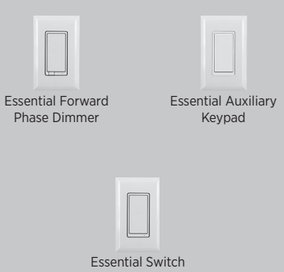
*For a list of compatible devices, visit control4.com



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

Multiple rocker colors available

Purchase additional items at control4.com.



If you have any problems or questions, contact our U.S.-based Technical Support at 1-888-400-4072, Monday-Friday, 7 a.m.-6 p.m. MT.

For the most up-to-date product support, accessories, electronic (PDF) format manuals, and more, visit 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 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 (MT).

Para recibir el soporte técnico más actualizado sobre productos, accesorios, manuales en formato digital (PDF), entre otros, visite 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: TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO OTHER EQUIPMENT, DO NOT INSTALL TO CONTROL A RECEPTACLE, A MOTOR-OPERATED APPLIANCE, A FLUORESCENT LIGHTING FIXTURE, OR A TRANSFORMER-SUPPLIED APPLIANCE.

- ONLY USE TO CONTROL INCANDESCENT OR DIMMABLE CFL/LED BULBS
- DO NOT EXCEED RATINGS
- DO NOT USE TO CONTROL ANY DEVICE WHERE UNINTENDED OPERATION COULD CAUSE UNSAFE CONDITIONS (HEAT LAMP, SUN LAMP, ETC.)
- FOR INDOOR USE ONLY

ADVERTENCIA

RIESGO DE INCENDIO
RIESGO DE DESCARGA ELÉCTRICA
RIESGO DE QUEMADURAS

CONTROL DE EQUIPOS ELECTRODOMÉSTICOS
PRECAUCIÓN: A FIN DE DISMINUIR EL RIESGO DE RECALENTAMIENTO Y DE POSIBLES DAÑOS EN LOS DEMÁS EQUIPOS, NO INSTALAR PARA CONTROLAR APARATOS QUE FUNCIONAN A MOTOR, ARTEFACTOS DE ILUMINACIÓN DE LUZ FLUORESCENTE O APARATOS ALIMENTADOS CON TRANSFORMADORES.

- USAR EXCLUSIVAMENTE PARA CONTROLAR BOMBILLAS CFL/LED INCANDESCENTES O ATENUABLES
- NO SUPERE LOS VALORES NOMINALES ELÉCTRICOS
- NO USAR PARA CONTROLAR DISPOSITIVOS
- USE SOLAMENTE EN INTERIORES

AVERTISSEMENT

RISQUE D'INCENDIE
RISQUE DE CHOC ÉLECTRIQUE
RISQUE DE BRÛLURES

COMMANDE DES APPAREILS
ATTENTION: POUR RÉDUIRE LE RISQUE DE SURCHAUFFE ET DE DOMMAGES POSSIBLES À D'AUTRES APPAREILS, NE PAS INSTALLER POUR COMMANDER UN APPAREIL ACTIONNÉ PAR MOTEUR, UN APPAREIL D'ÉCLAIRAGE FLUORESCENT OU UN APPAREIL ALIMENTÉ PAR UN TRANSFORMATEUR.

- 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.)
- 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 MARCHE 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-FPD120-C)
— Power: 120 VAC, 60 Hz
— Signal (frequency): 2.4 GHz IEEE 802.15.4
— Maximum loads: 1-gang 600W, 2-gang 500W, or 3-gang 400W incandescent
— 300W dimmable CFL/LED
— Range: Up to 100 m (325 feet) line of sight between the dimmer and the closest receiver module. For indoor use, place devices within 4.5 - 9 m (15 - 30 ft.) of each other.
— Operating temperature: 0 to 40 °C (32 to 104 °F)
— For indoor use only
— Use 14 AWG or larger wires suitable for at least 105 °C
— Specifications subject to change without notice due to continuing product improvement
— Can function with or without a neutral AC connection depending on the load type

SPÉCIFICATIONS (C4-V-FPD120-C)
— Tension : 120 VCA, 60 Hz
— Signal (fréquence) : 2.4 GHz IEEE 802.15.4
— Charges maximales : 1 compartiments 600 W, 2 compartiments 500 W, 3 compartiments 400 W lampes à incandescent
— 300W CFL/LED
— Portée : Distance à vue entre la télécommande et le module de réception le plus proche allant jusqu'à 100 m (32'). Pour une utilisation en intérieur, placez les appareils à moins de 4.5—9 m (15—30') l'un de l'autre.
— Températures de fonctionnement : 0—40 °C (32—104 °F)
— Utilisation intérieure uniquement
— Fils de calibre 14 AWG ou de calibre supérieur, adaptés à des températures d'au moins 105 °C.
— En raison d'améliorations continues du produit, les spécifications peuvent faire l'objet de changements sans préavis

ESPECIFICACIONES (C4-V-FPD120-C)
— Alimentación: 120 VAC, 60 Hz
— Señal (frecuencia): 2.4 GHz IEEE 802.15.4
— Cargas máximas: caja para 1 conexion 600W, caja para 2 conexiones 500W, caja para 3 conexiones 400W sólo las lámparas incandescentes
— 300 W CFL/LED regulable
— 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 los dispositivos a una distancia de 4.5—9 m (15—30') entre sí.
— Temperatura de funcionamiento: 0—40 °C (32—104 °F)
— Para uso en espacios interiores solamente
— Use cables de 14 AWG o superior que sean adecuados para una temperatura de al menos 105 °C
— Especificaciones sujetas a cambio sin aviso debido a continuas mejoras del producto

WARRANTY/GARANTIE/GARANTÍA
Find details of the product's Limited Warranty and other safety, patent, and legal resources at **snapone.com/legal** or request a paper copy from Customer Service at **866.424.4489**.

Control4

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60488 | C4-V-FPD120-C | 200-00728-A | 20210723DH

MOST RECENT VERSION
ctrl4.co/c4-v-fpdl20-c-ig

MORE WIRING DIAGRAMS
ctrl4.co/essential-wiring

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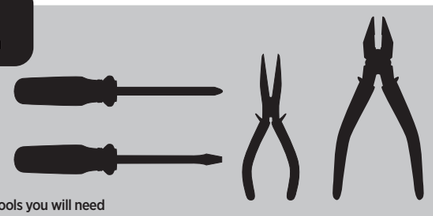
1.



Tools you will need

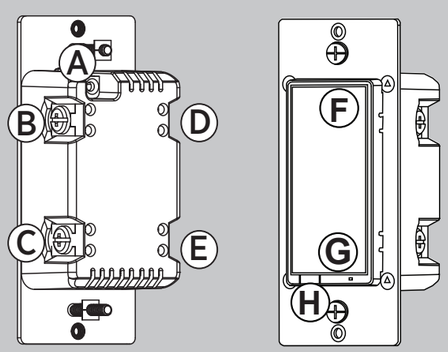
IMPORTANT!
The fixture controlled by the Essential Forward Phase Dimmer must not exceed 600W (incandescent); 300W dimmable CFL/LED. The dimmer is designed only for use with permanently installed fixtures.

Getting to know your device

- Turn ON/OFF and adjust dim levels manually or remotely through other Control4 devices
- Can be added in multiple groups and scenes
- May be used in single-pole installation or with up to five Control4 Essential Auxiliary Keypads in multi-way wiring configurations
- Compatible with all incandescent and most dimmable CFL/LED bulbs
- Auto line/load detection
- Interchangeable rocker switch
- Over-the-air updates: Once joined to your Control4 Zigbee network, the Essential Forward Phase Dimmer (C4-V-FPD120-C) can transparently receive updates through your Control4 controller
- Uses a standard Decora faceplate for single-gang installations (faceplate not included)
- LED can be enabled/disabled through Composer Pro
- LED status indicator: Indicates light state and pairing process status
- Screw terminal installation: Requires wiring connections for Line (Hot), Load, Neutral, and Ground. Traveler wire required for 3-way or 4-way installation

Note: Fluorescent, CFL, and LED loads are not recommended without a neutral connection to the dimmer. For a wiring diagram and more information, visit **ctrl4.co/essential-wiring**.

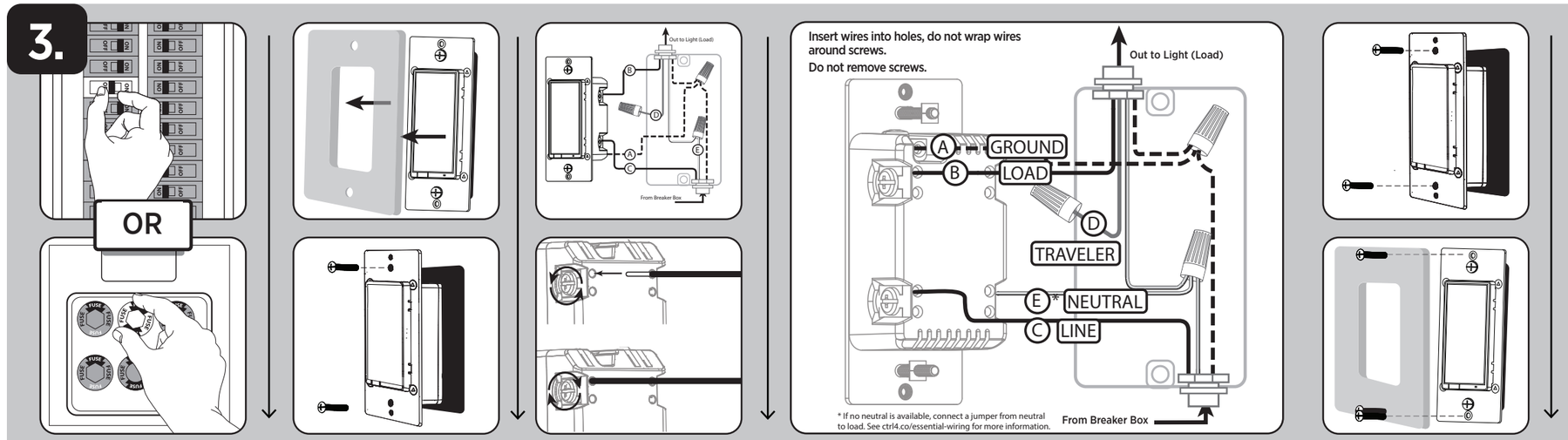
2.



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 dimmer ON, press and hold increases brightness
G. **Bottom rocker:** Press and release to turn dimmer OFF, press and hold decreases brightness
H. **Air gap tab:** Lift to enable air gap

3.



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. Proceed to "Changing 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 dimmer. 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 dimmer is rated for and intended to only be used with copper wire.***

Wire gauge requirements
Use 14 AWG or larger wires suitable for at least 105 °C for supplying line (hot), load, neutral, ground, and traveler connections.

Installation
For attachment to screw terminals, strip insulation 25 mm (1 in.).
For attachment using the enclosure's holes, strip insulation 16 mm (5/8 in.).
UL specifies the tightening torque for the screws is 14 Kgf-cm (12 lbf-in).

1. Connect the green or bare copper ground wire to the GROUND terminal.
2. Connect the black wire from the light to either LINE/LOAD terminal.
3. Connect the black wire from the electrical service panel (hot) to either LINE/LOAD terminal.
4. Connect the white wire to the NEUTRAL terminal (use a jumper wire if needed).

Note: *The traveler terminal is only used for 3-way or 4-way wiring and should remain insulated if the dimmer is being installed in a 2-way system (one switch and one load).*
Note: *If no neutral is available, connect a jumper from neutral to load. See* ***ctrl4.co/essential-wiring*** *for more information about wiring with no neutral.*

5. Insert dimmer into the back box being careful not to pinch or crush wires.
6. Secure the dimmer to the box using the supplied screws.
7. Mount the faceplate.
8. Reapply power to the circuit at fuse box or circuit breaker and test the system.

Basic operation
The connected light can be turned ON/OFF and adjust dim levels in two ways:

1. Manually from the front panel of the dimmer.
2. Remotely through other Control4 devices.

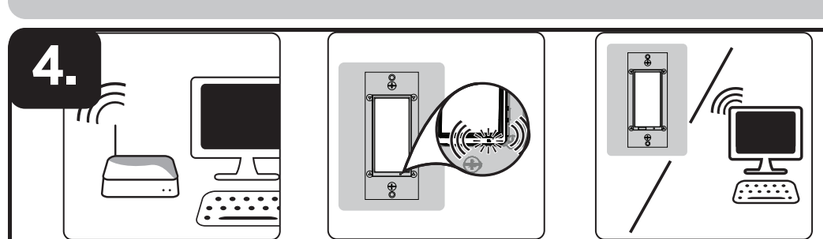
Manual control
The Forward Phase Dimmer allows the user to turn ON/OFF the connected fixture.

1. To turn the connected fixture ON, press and release the top of the rocker.
2. To turn the connected fixture OFF, press and release the bottom of the rocker.

Adjust dim levels

1. To increase brightness, press and hold the top of the rocker.
2. To decrease brightness, press and hold the bottom of the rocker.

4.



Adding the dimmer to a Control4 project

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

1. In Composer Pro, add the driver for the Essential Forward Phase Dimmer, Contemporary (C4-V-FPD120-C) to the project.
2. In the **Network > Zigbee Network** view, double-click the driver for the dimmer to open the **Identify** window.
3. Restore power to the dimmer at the circuit breaker.
4. Follow Composer's on-screen instructions to identify the dimmer by pressing the top rocker four times quickly to begin network pairing. The LED status indicator blinks as the dimmer automatically scans the Zigbee network for a compatible controller.
5. After the dimmer is joined to the Zigbee network, the LED status indicator stops blinking, and the address for the Essential Forward Phase Dimmer appears in Composer.
6. The dimmer is now paired to the Zigbee network and can be controlled.

Note: The LED blinks until the dimmer successfully joins a Control4 project. If the dimmer cannot join the Zigbee network, its auto-scan process times out (and the LED stops blinking). To restart the pairing process, press the top button four times quickly.

Note: If the light flickers, adjust the dimmer's max/min settings (for example, min 15%, max 85%). See **ctrl4.co/dimmersettings**.

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

Example:

EUI: 000D6FFFFECD6DD6

Install code: 39F9-0CA3-09F2-4C6F-8080-131B-6EE4-1E95-D22E

Reset Device (Remove From Zigbee Network)

From Composer
From the **Network > Zigbee** Network menu, select the Essential Forward Phase Dimmer and click on **Disconnect**. The dimmer will be removed from the Zigbee network. All configuration parameters will be reset after the dimmer is removed from the network.

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

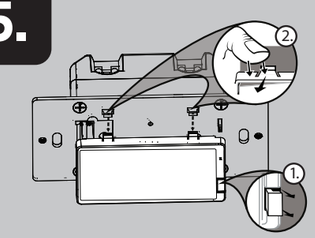
Essential Auxiliary Keypad is required for Multi-Switch 3-way or 4-way installations

To use the Essential Forward Phase Dimmer 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 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 Essential Auxiliary Keypad.

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

5.



Changing the 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. Lift the air gap tab at the base of the rocker.
2. Press the side tabs in on one side and then the other to release rocker. Lift the cover up and off.
3. Attach the new rocker by inserting the air gap and side tabs and snapping securely into place.

After this has been completed, return to section 3.