

Control4 Lux Mechanical Switch Installation Guide

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LATEST VERSION OF THIS GUIDE



ctrl4.co/lux-msw-ig

CONTROL4 LUX QUICK START



ctrl4.co/lux-qz

CONTROL4 LUX WIRING GUIDE



ctrl4.co/lux-wiring

Supported model

C4-L-MSW-5PK-XX Lux Mechanical Switch

Box contents

- Control4 Lux Mechanical Switch
- Warranty card
- Control4 Lux Mechanical Switch Installation Guide (this document)

Mounting plate required

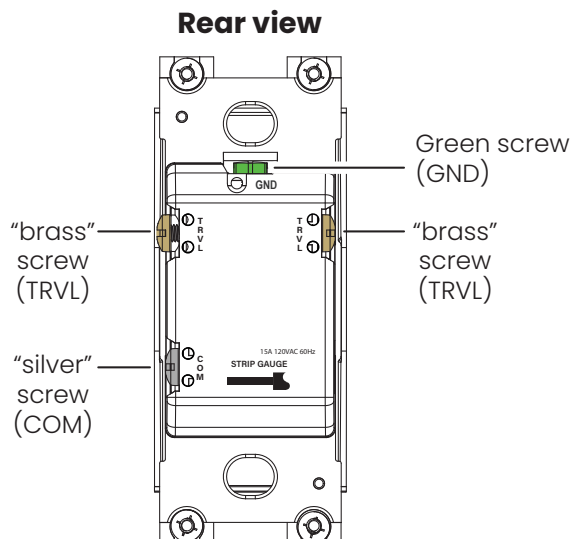
The Control4 Lux Mechanical Switch **requires** a Lux faceplate and mounting plate designed to fit your install (1 gang, 2 gang, etc) and are required before you install the keypad. Part numbers for faceplates and mounting plates:

- Lux Faceplate and Mounting Plate, 1 gang (C4-L-FP1-XX)
- Lux Faceplate and Mounting Plate, 2 gang (C4-L-FP2-XX)
- Lux Faceplate and Mounting Plate, 3 gang (C4-L-FP3-XX)
- Lux Faceplate and Mounting Plate, 4 gang (C4-L-FP4-XX)

Specifications

Model number	C4-L-MSW-5PK-XX
Power requirements	120V AC $\pm$ 10% 60 Hz
Environmental	
Operational temperature	0 to 40 °C (32 to 104 °F)
Humidity	5% to 95% non-condensing
Storage	-20 to 70 °C (-4 to 158 °F)
Miscellaneous	
Wall box volume	77.84 ml (4.75 cubic inches)
Weight	0.03 kg (0.07 lb.)
Shipping weight	0.05 kg (0.12 lb.)

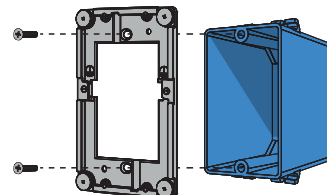
Switch overview



Installation instructions

- Turn off the local electrical power by either switching off the circuit breaker or removing the fuse from the fuse box. To ensure the wires do NOT have power running to them, use an inductive voltage detector.
- You may make connections to this switch using "side wire" (wrapping a wire around a screw on the side) or "back wire" (inserting a straightened wire into the hole on the back).
 - For "side wire", strip wire insulation to 3/4 of an inch (19 mm).
 - For "back wire" strip insulation to 5/8 of an inch (16 mm).

- Using a *manual screwdriver*, install the mounting plate to the wall box. Do not overtighten the screws. Pull the wires through the mounting plate.



- Connect the ground wire directly to the switch's green ground terminal. Do not install the supplied ground wire lead onto the mounting plate.



Warning: You must connect the ground wire to the green grounding screw on the switch! Do not rely on the mounting plate for proper grounding.



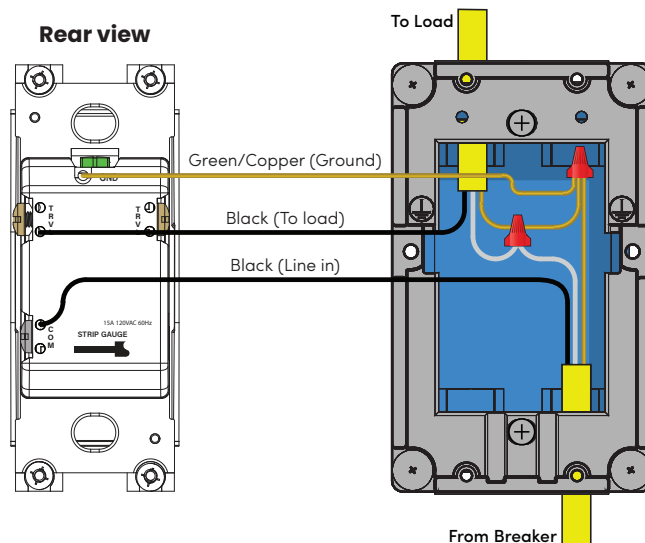
Warning: When installing a Lux switch in a multi-gang wall box with other Lux devices, install the supplied ground wire lead to the mounting plate.

- Identify the hot wire and connect it to the "silver" COM screw terminal. Connect the black load wire to the "brass" TRVL screw terminal. Connect the neutral wires with a wire nut. Torque the terminal screws to 15 in-lb (1.7 Nm). See the diagram below for single switch wiring and the diagram on the next page for 3-way switch wiring.



Note: The switch accepts 12- and 14-gauge wire. You must use the same size and type of wire when connecting two wires to a single terminal.

Single switch configuration



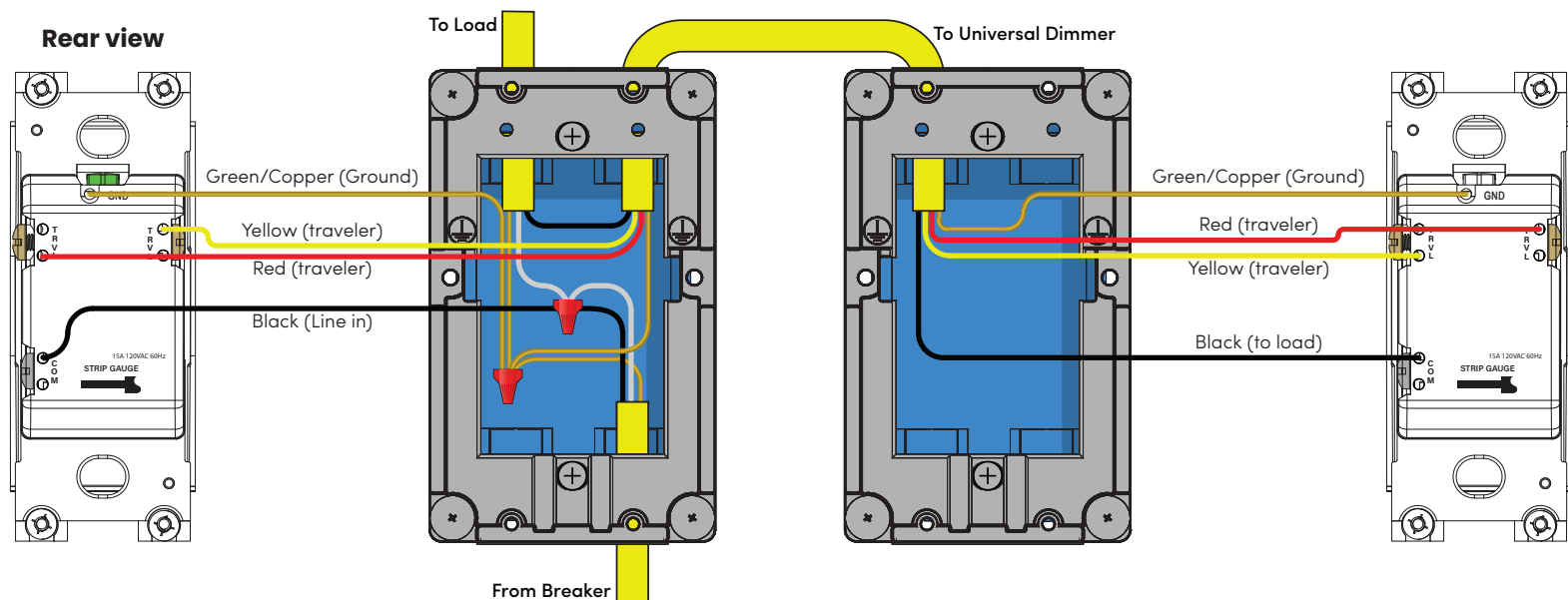
- Fit the wires back into the wall box. Bend the wires in a zigzag pattern so that they easily fold into the wall box.
- Insert the switch into the mounting plate and fasten it with the pre-threaded mounting screws. Overtightening can warp the device, causing mechanical malfunction and difficulty mounting the buttons and faceplate.
- Place the faceplate over the switch where it magnetically snaps onto the mounting plate. For details, see the Control4 Lux Faceplate Installation Guide (ctrl4.co/lux-fp-ig).
- Turn on power at the circuit breaker or replace the fuse from the fuse box.

Troubleshooting

If the switch does not provide power:

- Ensure that the circuit breaker is not turned off or tripped.
- Check for proper wiring of the switch.

3-way switch configuration



Care and cleaning

- Do **not** paint the switch or its wall plate.
- Do **not** use any chemical cleaners to clean the switch.
- Clean the surface of the switch with a soft damp cloth as needed.

Warranty and legal information

Find details of the product's Limited Warranty at snapone.com/legal or request a paper copy from Customer Service at 866.424.4489.

Find other legal resources, such as regulatory notices and patent information, at snapone.com/legal.

Warnings and considerations

Warning! Turn OFF electrical power before installing or servicing this product. Improper use or installation can cause **SERIOUS INJURY, DEATH or LOSS/DAMAGE OF PROPERTY.**

Attention ! Coupez l'alimentation électrique avant d'installer ou de réparer ce produit. Une mauvaise installation ou utilisation peut entraîner des blessures graves, décès ou perte / dommages à la propriété.

Warning! This device must be protected by a circuit breaker (20A max).
Attention ! Cet appareil doit être protégé par un disjoncteur (20A max.)

Warning! Ground this device in accordance with the National Electric Code (NEC) requirements. The switch's ground connection must be made to the green grounding terminal on the switch. **DO NOT** use the mounting plate's wiring with a metal wall box for adequate grounding.

Attention ! Cet appareil doit être en conformité avec le Code national de l'électricité (NEC). Ne comptez pas uniquement au contact de la plaque avant avec un boîtier mural métallique pour la mise à la terre adéquate. Utilisez cet appareil à la terre de l'appareil pour établir une connexion sécurisée au système électrique.

✓ **Important!** This device must be installed by a licensed electrician in accordance with all national and local electrical codes.

✓ **Important!** If you are unsure about any part of these instructions, consult a qualified electrician.

✓ **important!** Use this device only with copper or copper-clad wire. Do not use aluminum wiring. This product has not been approved for use with aluminum wiring.

✓ **Important!** Install in accordance with all applicable national and local electrical codes.

✓ **Important!** Using this product in a manner other than outlined in this document voids your warranty. Further, Snap One is NOT liable for any damage incurred with the misuse of this product. See "Troubleshooting."

✓ **Important!** Do NOT use a power screwdriver to install this device. If you do, you may overtighten the screws and strip them.