PC93131905 ING THIS ART IS SUPPLIED AT 100% SCALE DO NOT RESIZE, RESHAPE OR ALTER

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## Neutral + Traveler Wire Smart Switch Installation Guide

Easy Setup

Included

Install your

Switch Wall Plate

See Quick Start Guide for app setup steps

8 Wire Nuts

4 Phillips

You Got This!

onfigurations, go to:

Max LED rating 1.25A

Max 1/4HP Motor

Max Halogen/Incandescent rating 5A

Max Halogen/Incandescent rating 450W

Max LED rating 150W / 1.25 Amp

On/Off Switch

Dimmer Switch

cyncsupport.gelighting.com or call 1-844-302-2943

Wire Labels Mounting Wire Cable

This product installation requires handling 120V wiring. Follow each step carefully. If any concerns handling wring, hire a qualified electrician. Ensure all work meets applicable

local and national codes.

What You'll Need

Phillips Screwdriver

#### **Compatibility Requirements** Rating 120V AC 60Hz

Neutral wire is required (Wire is usually white or grey) Ground wire is required (Wire is usually green, green with a yellow stripe, or copper) 🕒 Wi-Fi 802.11 b/g/n @ 2.4 GHZ is required

Works with halogen, incandescent, and LED bulbs, including Cync Smart Bulbs. For a list of compatible dimmable bulbs, visit **gelighting.com/compatibility** 

Step 1

#### Turn Off The Power! 1. Turn off the power for the switch location at the circuit breaker.

Step 3: Finish Installation

to the wall unit level and flush.

setup mode.

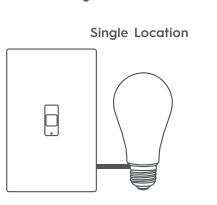
2. Test existing switch by toggling switch on/off, ensuring lights do not turn on.

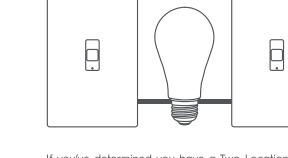
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### Identify Circuit Type and Remove Your Old Switch

7.875"

There are generally 2 circuit types when installing light switches. Single Pole (single location) where one switch controls your lights. Or, 3-way (two location), where two switches control your lights. 1. Use the diagrams below to determine the circuit type.





Two Location

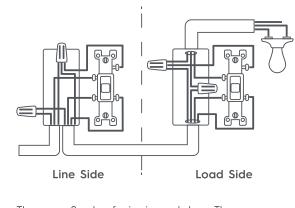
If you've determined you have a Two Location circuit Proceed to page 3 to continue through with a type, proceed to 2. Identify Wiring Set-Up (below).

#### 2. Identify Wiring Set Up

Single Location switch installation.

Generally, with a two location circuit, there are 2 ways the wiring can be set up. With the box open, review the diagrams below and determine which wire set up you have.

#### Line and Load in Different Outlet Boxes Line and Load are in the Same Outlet Box



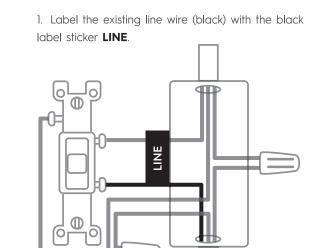
There are 2 sets of wire in each box. The power wire comes into one side of the box, wires run out of the other side of the box to fixture load. If this is your wire set-up, proceed to page 6 to complete installation.

Line and Load Side There are 3 sets of wire in one box, and 1 set of wire in the other box. The switch with 1 set of wire is

called the "Dead Leg" and will not need rewiring in If this is your wire set-up, proceed to page 8 to complete installation.

### Single Pole Installation

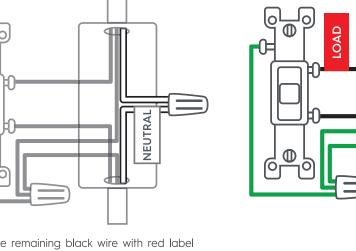
Step 1: Label Existing Wires



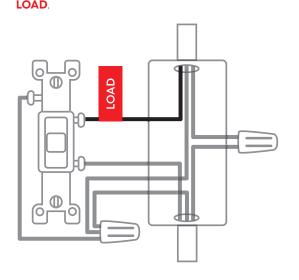


4. Label the copper/green wire with green label

white label sticker **NEUTRAL**.



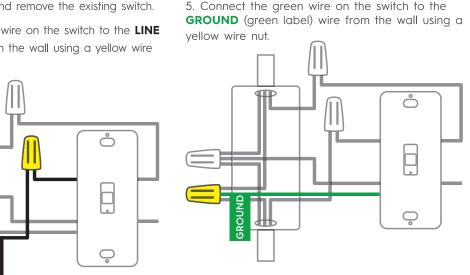




### Single Pole Installation

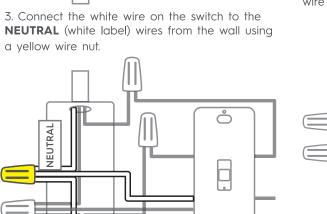
Step 2: Wire Your Cync Switch NOTE: Jumper cable is not required for this installation

1. Disconnect wires and remove the existing switch. 2. Connect the black wire on the switch to the **LINE** (black label) wire from the wall using a yellow wire

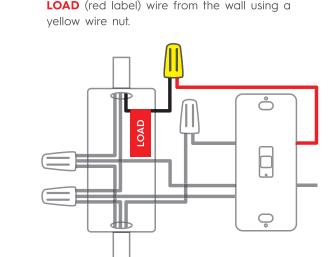


7.875"

a yellow wire nut.



4. Connect the red wire on the switch to the



7. When finished, the wires should look similar to the

6. Cap the yellow wire on the switch using a blue

11.0"

## Single Pole Installation

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

5. Light will continuously flash blue until the switch is NOTE: Light will not illuminate correctly if wired incorrectly.

1. Neatly push the wires back into the box, rotating the

switch so it is oriented according to the image.

then snap the wall plate cover onto the bracket.

2. Using the long screws provided, secure the switch

3. Screw on the wall plate bracket using the short screws,

4. After the switch is secured and wall plate mounted,

turn the power back on at the circuit breaker box.

At the switch, the light will flash blue indicating the

device is wired correctly and the device is in

#### Congratulations!

You've completed the Neutral + Traveler Wire Smart Switch Next, refer to the Quick Start Guide included in the package for app setup.

#### Additional Information and Warnings

#### On/Off Switch

**▲** Caution High Voltage Only use this product in conjunction with an upstream 15A circuit breaker. Disconnect power supply before servicing

Operation temperature: 0 to 40°C · For Control of Permanently Installed Incandescent and LED Lamp Fixtures Only. Type 1 Enclosure

• IP20 · Pollution Degree 2 Impulse Voltage: 2500V Type 1.B action

 Indoor use only Dimmer Switch 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

ATTENTION: GRADATEURS COMMANDANT UNE LAMPE A FILAMENT DE TUNGSTENE- AFIN DE REDUIRE LE RISQUE DE SURCHAUFFE ET LA POSSIBILITE D'ENDOMMAGEMENT A D'AUTRES MATERIELS, NE PAS INSTALLER POUR COMMANDER UNE PRISE, UN APPAREIL A MOTEUR, UNE LAMPE

FLUORESCENTE OU UN APPAREIL FOR SUPPLY CONNECTION, USE COPPER WIRE ONLY RATED

#### **Additional Information** and Warnings

#### **FCC Compliance Statement:** ▲ Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 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

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

The device must not be co-located or operating in conjunction with any other antenna or transmitter. 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.

FCC RF Radiation Exposure Statement: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby

#### IC Statement: nis device complies with RSS247 of Industry Canada Cet appareil se conforme à RSS247 de Canada d'Industrie. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two

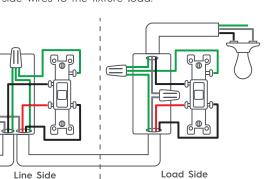
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage prejudiciable, et (2) ce dispositif doit accepter tout brouillage recu, y compris un brouillage susceptible de provoquer un fonctionnement indesirable. This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be collocated or operating in

conjunction with any other antenna or transmitter. Cet équipement est conforme aux limites d'exposition aux rayonnements IC RSS-102 définies pour un environnement non contrôlé. Cet émetteur doit être installé pour fournir une distance de séparation d'au moins 20 cm de toutes les personnes et ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou émetteur.

#### 3-Way: Line & Load in Different Outlet Box Installation Step 1: Label Existing Wires

For setup help, visit cyncsupport.gelighting.com or call 1-844-302-2943.

1. Determine the line side and the load side. The line 3. Label wires on the load side. See the side has wires connected to the power source. The load side wires to the fixture load.



2. Label wires on the line side. See the diagram below for

· Label the Line wire (black) with the black label **LINE**. · Label the Neutral wire (white) with the white label · Label the black traveler wire with the black label · Label the second traveler wire with the red label TRAVELER2. · Label the copper/green wire with the green label

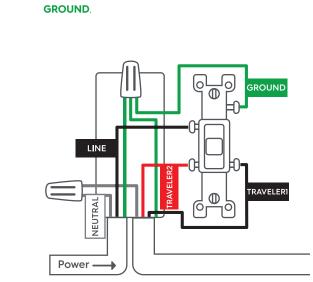
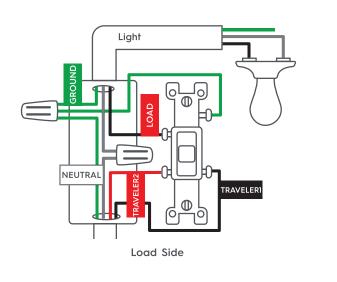




diagram below for reference. · Label the wire running to the fixture load (black) with the red label **LOAD**.

· Label the Neutral wire (white) with the white label Label the black traveler wire with the black label Label the second traveler wire with the red label

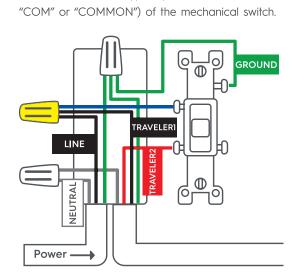
· Label the copper/green wire with the green label NOTE: Neutral and ground wires are required. If you don't have either wire, the Cync switch is not compatible.



#### 3-Way: Line & Load in Different Outlet Box Installation Step 2: Configure Cync Switch & Mechanical Switch in a 3-Way

1. Rewire existing 3-way mechanical switch at line • Disconnect the **TRAVELER1** (black label) wire and the **LINE** (black label) wire from the

mechanical switch. · Combine the **TRAVELER1** (black label) wire, the **LINE** (black label) wire and the blue jumper wire (included) using a yellow wire nut. · Connect the other end of the jumper wire to the common screw (typically black and marked

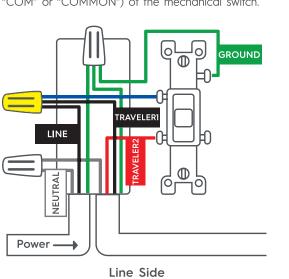


2. Wire your Cync Switch in load side. · Disconnect wires and remove existing switch. · Connect the black wire on the switch to the TRAVELERI (black label) wire from the wall using a vellow wire nut. · Connect the white wire on the switch to the

yellow wire nut. · Connect the red wire on the switch to the **LOAD** (red label) wire from the wall using a yellow wire

**NEUTRAL** (white label) wire from the wall using a

· Connect the green wire on the switch to the **GROUND** (green label) wire from the wall using a yellow wire nut. · Connect the yellow wire on the switch to the TRAVELER2 (red label) wire from the wall using a yellow wire nut.



#### installed line side. Step 3: Finish Installation

NOTE: You cannot control light from

the regular switch if the Cync Switch is

the switch so it is oriented according to the image. 2. Using the long screws provided, secure the switch to the wall unit level and flush. 3. Screw on the wall plate bracket using the short screws, then snap the wall plate cover

onto the bracket.

. Neatly push the wires back into the box, rotating

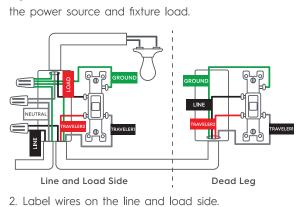
4. After the switch is secured and wall plate mounted, turn the power back on at the circuit breaker box. At the switch, the light will flash blue indicating the device is wired correctly and the device is in setup mode. 5. Light will continuously flash blue until the switch is added in the app. NOTE: Light will not illuminate correctly if wired incorrectly.

#### Congratulations!

You've completed the Neutral + Traveler Wire Smart Switch installation. Next, refer to the Quick Start Guide included in the package for app setup.

#### 3-Way: Line & Load in Same Outlet Box Installation Step 1: Label the Wires · Connect the red wire on the switch to the LOAD

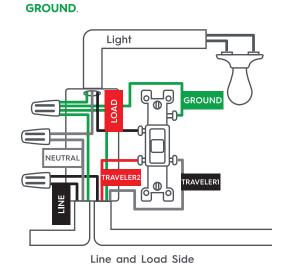
1. Determine the line and load side, and the dead leg. The line and load side has wires connected to



· Label the line wire (black) with the black label · Label the neutral wire (white) with the white label NEUTRAL. · Label the wire running to the fixture load (black)

with the red label **LOAD**.

· Label the white traveler wire with the black label TRAVELERI. · Label the second traveler wire with the red label TRAVELER2. · Label the copper/green wire with the green label



#### Step 2: Configure Your Cync & Mechanical Switch in a 3-Way

1. Wire the Cync Switch in the line and load

· Disconnect wires and remove existing switch. · Connect the black wire on the switch to the **LINE** (black label) wire from the wall using a vellow wire nut.

yellow wire nut.

· Connect the white wire on the switch to the **NEUTRAL** (white label) wire from the wall using a

#### Step 3: Finish Installation

red wire nut.

wall using a blue wire nut.

1. Neatly push the wires back into the box, rotating the switch so it is oriented according to the image. 2. Using the long screws provided, secure the switch to the wall unit level and flush. 3. Screw on the wall plate bracket using the short

Line and Load Side

screws, then snap the wall plate cover onto the bracket. 4. After the switch is secured and wall plate mounted, turn the power back on at the circuit breaker box. At the switch, the light will flash blue indicating the

(red label) wire from the wall using a yellow wire

· Connect the yellow wire on the switch to the

· Connect the green wire on the switch to the

TRAVELER2 (red label) wire from the wall using a

**GROUND** (green label) wire from the wall using a

Cap the **TRAVELERI** (black label) wire from the

NOTE: No rewiring is required on the dead leg.

5. Light will continuously flash blue until the switch is added in the app. NOTE: Light will not illuminate correctly if wired

device is wired correctly and the device is in

#### Congratulations!

incorrectly.

You've completed the Neutral + Traveler Wire Smart Switch installation. Next, refer to the Quick Start Guide included in the package for app setup.

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11.0"