



California 3-Way Install Instructions for 4-Wire (Neutral Required) Switches

Step 1:

Turn OFF the power to the lighting circuit at the breaker panel.

Step 2:

Carefully remove the existing switches from the wall boxes, making sure that screw terminals on the switches are not touching other wiring in the circuit. Take pictures of the initial wiring setup, if possible.

Step 3:

Restore power to the circuit. Be careful NOT to touch any exposed screws on the switches. If you are uncomfortable working around the exposed switches, please consult a qualified electrician.

Step 4:

- With the lights off, use a Non-Contact-Voltage tester to determine which wall box has the incoming power. In a California 3-way, both boxes will have a wire that tests positive for voltage, but we are looking for a multiwire connection that shows voltage is present.
- The incoming hot will be a multiwire connection to: a copper-colored screw on the switch, one of the three traveler wires going to the load-side switch, and possibly wires to other locations within the house. This will be our line-side box.
- The load-side box will have a multiwire connection to: a copper-colored screw on the switch, one of the traveler wires, and the switch leg going to the lighting load.
- There will be one traveler wire between the wall boxes that connects to the black-colored screw of each of the switches.

Step 5:

Turn OFF the power to the circuit at the breaker box.

Step 6:

Starting with the line-side box:

- The bare copper and green insulated wires will be labeled "Ground".

- The two traveler wires connected to the switch that have black or red insulation are the "Traveler" wires.
- Neutral connections in the wall box will have white insulation, be grouped together, usually tucked into the back of the box, and will NOT be connected to the switch. *If there are already white insulated wires that are grouped together and NOT connected in any way to the switch, label this group "Neutral". In a California 3-way, it is likely that there is a separate neutral wire going between the two boxes.
- The wire that tested positive for voltage at the beginning of Step 4 will be labeled "Line".

Step 7:

At the load-side box:

- The bare copper and green wires will be labeled "Ground". *As in the line-side box, if there are already white insulated wires that are grouped together and NOT connected in any way to the switch, label this group "Neutral".
- Label one of the black or red wires from the traveler group as "Line". Keep note of which color traveler wire you use for "Line", as this will be important in Step 9.
- The wire that shares a connection to one of the traveler wires and a wire from a copper-colored terminal on the switch will be labeled "Load".

Step 8:

When all the wires are labeled, you may unwire the 3-way switches.

Step 9:

Starting at the line-side box:

- Connect the green wire on the Cync switch to the "Ground" wire.
- Connect the white wire of the Cync switch to the "Neutral" wires.
- Connect the black wire of the Cync switch to the "Line" wire and the traveler wire that was labeled "Line" in Step 7. If your Cync switch has two black wires, then either one may be connected to the "Line" wire.
- Cap off the red wire or the unused black wire of the Cync switch with one of the supplied wire connectors.
- Be sure to cap off any remaining unused traveler wires.

Step 10:

At the load-side box:

- Connect the green wire on the Cync switch to the "Ground" wire.
- Connect the white wire on the Cync switch to the "Neutral" wires.
- Connect the black wire on the Cync switch to the "Line" wire. If your Cync switch has two black wires either one may be connected to the "Line" wire.
- Connect the red or unused black wire on the Cync switch to the "Load" wire.
- Be sure to cap off any unused traveler wires.

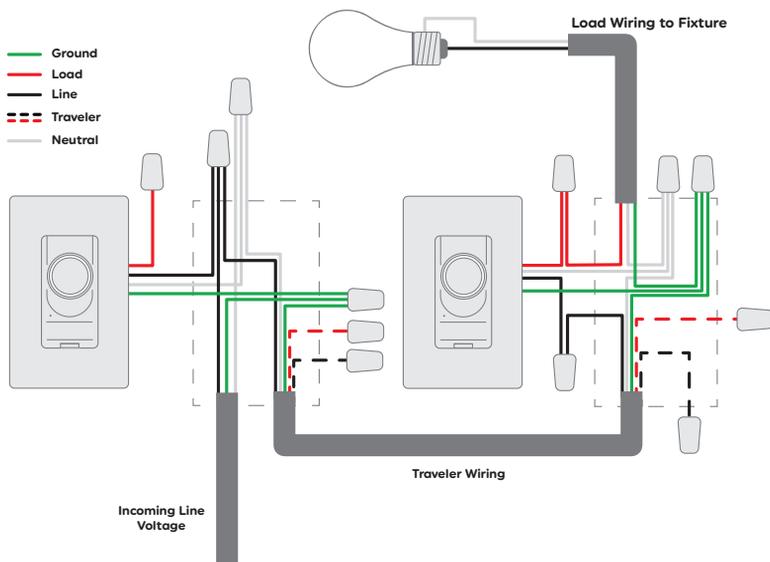
Step 11:

After ensuring that all wires have been connected and/or capped off, carefully place the wiring back into the wall boxes, and install the switches into the boxes using the longer two #6-32 supplied screws. Install the cover plate with the two smaller #6-32 screws.

Step 12:

Restore power to the circuit. The Cync switches should be powered on and the LED light ring or indicator flashing blue. If the Cync switches are powered and flashing blue, begin set up in the Cync App, powered by Savant.

California 3-Way (Neutral Switch Required)



▲ CAUTION: High Voltage

Disconnect power supply before servicing

Operation temperature: 0 to 40°C

For Control of Electronic Ballast, CFLs, LED, and LED Lamps

Type 1 Enclosure

IP20

Pollution Degree 2

Impulse Voltage: 2500V

Type I.B action

Indoor use only