# California 3-Way Install Instructions for 3-Wire (No Neutral) Switches

**Step 1:**
- Turn OFF the power to the lighting circuit at the breaker panel.
- If the lights were on while determining which circuit breaker was powering your lights, flip one of the switches so they will be off for Step 4.

**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 share a connection with a wire from the switch, one of the three traveler wires going to the load-side box, 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 the switch, one of the traveler wires, and the switch leg going to the lighting load. One of the traveler wires connects to the black-colored screw of each 3-way switch.

**Step 5:**
Turn OFF the power to the circuit at the breaker box.

**Step 6:**
Starting with the line-side box:
- The bare copper or green insulated wire connected to the switch will be labeled “Ground”.
- The wire coming from the wall 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 or green insulated wire connected to the switch will be labeled “Ground”.
- The wire that shares a connection to one of the traveler wires and a wire from a copper-colored screw on the switch will be labeled “Load”.

**Step 8:**
When all the wires are labeled, unwire the switches. Now is a good time to cap off the wire connected to the black-colored screw on both 3-way switches (the ends of this wire are the easiest to identify between switch boxes).

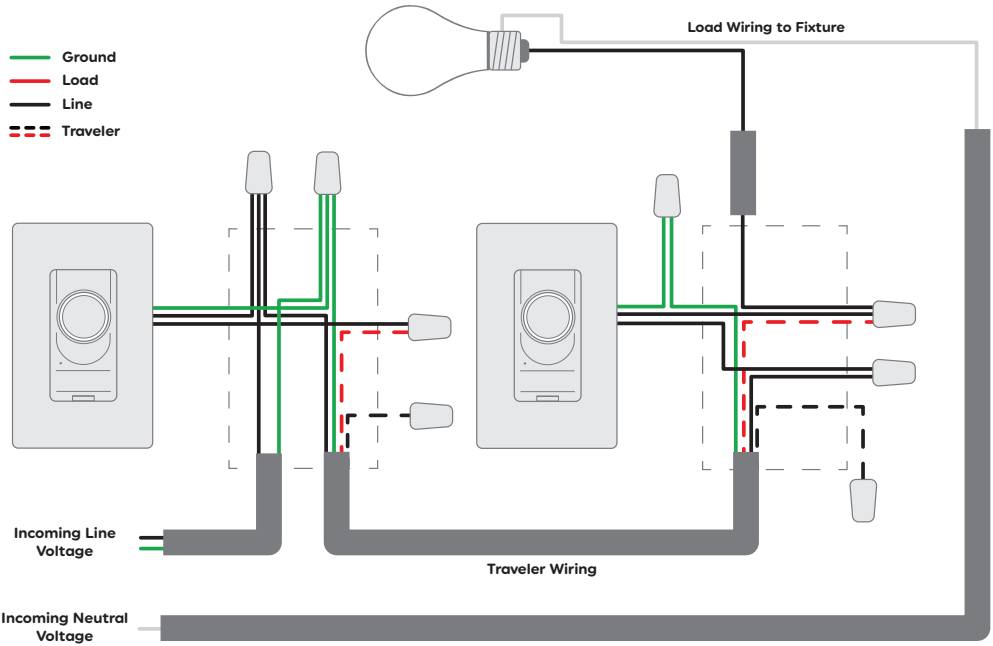
**Step 9:**
At the line-side box:
- Connect the green wire on the Cync switch to the “Ground” wire.
- Connect one of the black wires from the Cync switch to “Line” and one of the traveler wires. The black wires on the Cync switch are interchangeable and may be used for either “Line” or “Load”.
- Connect the remaining black wire on the Cync switch to one of the other traveler wires.
- Be sure to cap off any unused traveler wires.

**Step 10:**
At the load-side box:
- Connect the green wire on the Cync switch to the “Ground” wire.
- Connect one of the black wires from the Cync switch to one of the two traveler wires used in Step 9. Again, the two black wires are interchangeable so you may use either one.
- Connect the remaining black wire on the Cync switch to “Load” and the other traveler used in Step 9.
- 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 (No 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 1.B action
Indoor use only