ENGLISH
HIWMAS1BLE40A

HALO HOME

In-Wall Smart Switch Installation Instructions

ONLY USE WITH NON-SMART LIGHTS

WARNING

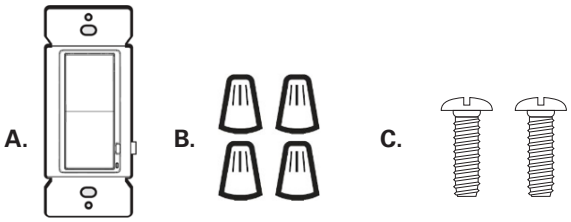
- Turn OFF circuit breaker or remove fuse(s) and test that power is off before wiring or servicing.
- Never wire any electrical device with power turned on. Wiring device with power on may cause permanent damage to product and void warranty.
- If you are not sure about any part of these instructions, please contact a licensed electrician.
- Minimum 75°C supply conductors

CAUTION

- Edges may be Sharp - Wear gloves while handling.
- Connect switch to a 120 volt, 60 Hz power source. Any other connection voids the warranty.
- Fixture should be installed by persons with experience in household wiring or by a qualified electrician. The electrical system, and the method of electrically connecting the fixture to it, must be in accordance with the National Electrical Code and local building codes.

PACKAGING CONTENTS

A. Smart Switch B. (4) Wire Nuts C. (2) Screws



ITEMS REQUIRED (Purchase separately)

- **Philips Screwdriver**
- **Labels or electrical tape for tagging wiring**
- **Voltage tester**
- **Tape or labels (3- or 4-way wiring)**
- **Gloves**

SINGLE LOCATION OVERVIEW

The HALO Home Smart Switch requires a neutral wire for operation. If there is no neutral wire at the current switch location, contact a licensed electrician for installation.

The HALO Home Smart Switch easily replaces a single location standard switch to allow incandescent, LED/CFL loads, or small motor loads such as a ceiling or exhaust fan to be turned ON and OFF by the HALO Home App and HALO Home controllers.

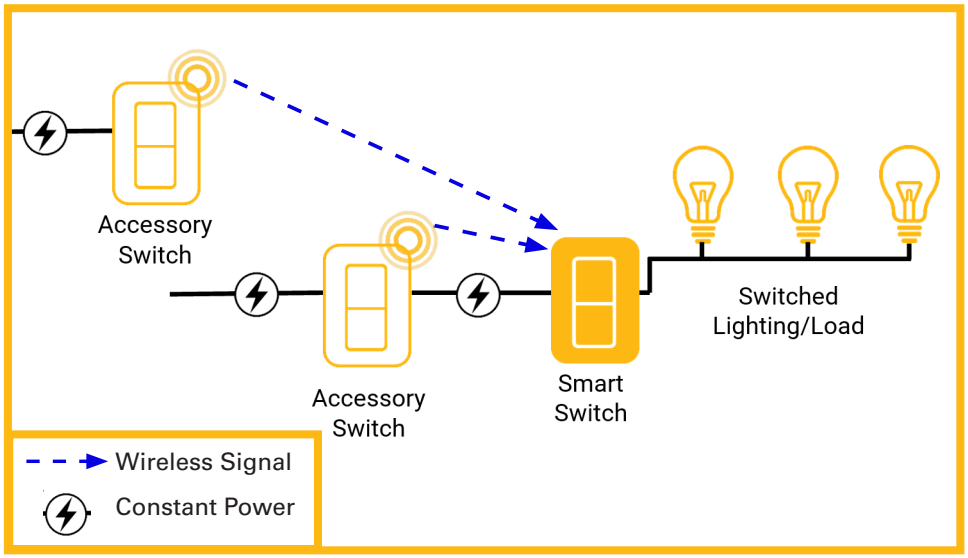
Max Loads: 720W Incandescent, 600W LED/CFL/FL/ELV, 600VA MLV, 1/2 HP Motors

MULTI-LOCATION CONTROL OVERVIEW

If there is more than one control location for the same lighting or switched load (3-way or 4-way), additional HALO Home products will be needed:

- One location will need a **HALO Home Smart Switch**. This will operate as a single-pole switch turning ON/OFF the lighting load.
- The other switch location(s) will require **HALO Home Accessory Switches***. These will send wireless signals to the Smart Switch which will turn ON/OFF the lighting/load.

**Other HALO Home Controllers like the Accessory Dimmer, Anyplace Dimmer or Multi-Room Scene Keypads can also be used.*



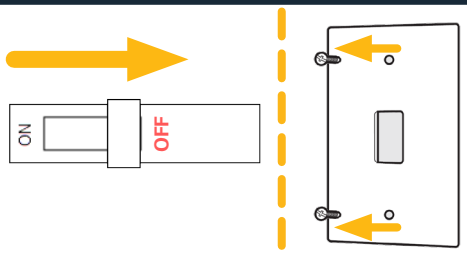
TIPS: When retrofitting existing 3-way or 4-way locations:

- Verify that there is a neutral wire at EACH switch location. (White wires connected to switch terminals and marked with electrical tape are typically **NOT** neutral wires.)
- Only 1 HALO Home Smart Switch will be used in the circuit.
- The HALO Home Smart Switch must be directly connected to the lighting load.
- HALO Home Accessory Switches cannot wire downline of a Smart Switch. They require a constant hot feed (unswitched and undimmed).
- HALO Home Accessory Switches can be powered from a different circuit than the lighting/Smart Switch if necessary.

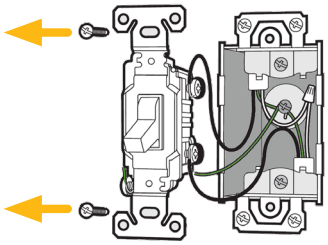
3-way and 4-way wiring can be confusing. If wiring does not match diagrams shown, stop and consult with an electrician.

SINGLE-POLE INSTALLATION (1 Switch)

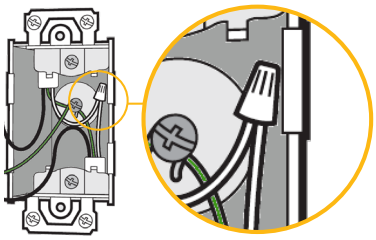
1 **Turn OFF power** at the circuit breaker and **remove the wall plate**



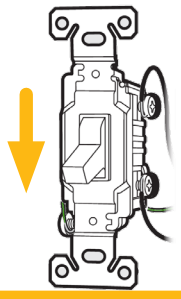
2 **Leaving wiring attached,** pull the switch away from the wall.



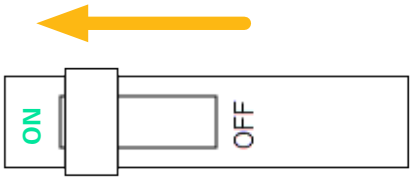
3 Verify that there is a neutral wire available. **If not, stop and consult a licensed electrician.**



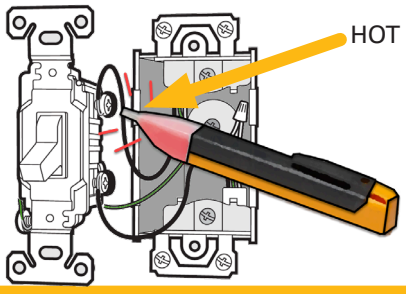
4 Turn the wall switch to the **OFF position** but keep wires connected.



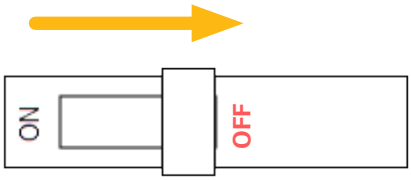
5 **Ensure wiring is safely separated** and terminals are not touching anything, and then **turn ON power at the circuit breaker.**



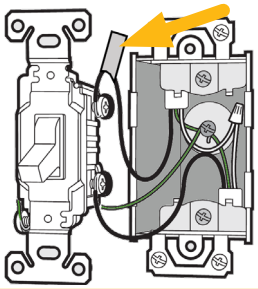
6 DO NOT TOUCH EXPOSED WIRE OR TERMINALS. Using a voltage tester, **determine and note which wire still has power** ('Hot').



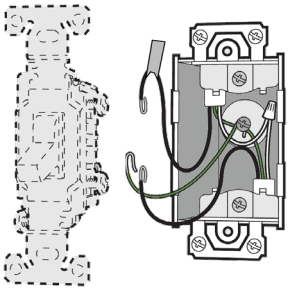
7 **Turn OFF power** at the circuit breaker



8 Use a label or electrical tape to **tag the identified 'Hot'/power wire.**



9 **Disconnect the wires** and remove the switch.



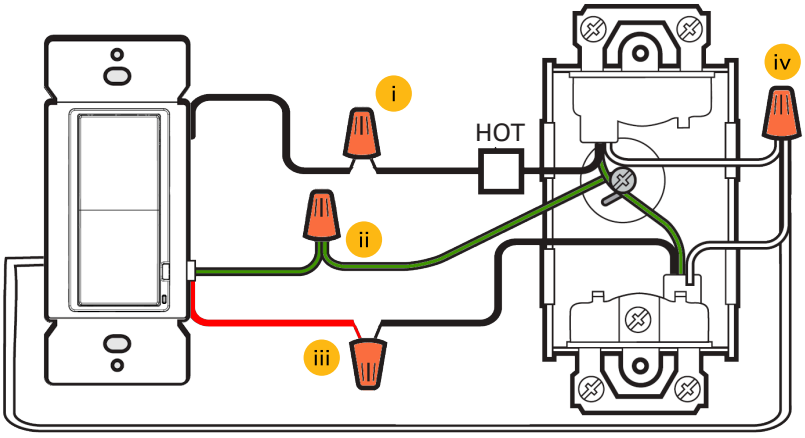
10 **Connect the HALO Home Smart Switch** (A) using provided wire nuts (B).

i. Connect the tagged 'Hot' wire to the Smart Switch's black wire.

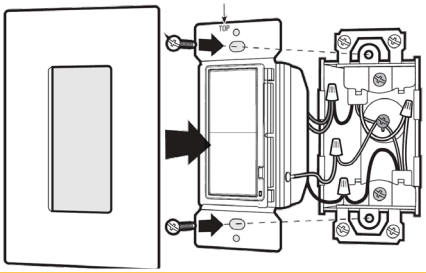
ii. Connect the bare copper or green ground wire from the wall-box to the Smart Switch's green wire.

iii. Connect the other switch wire (load) to the Smart Switch's red wire.

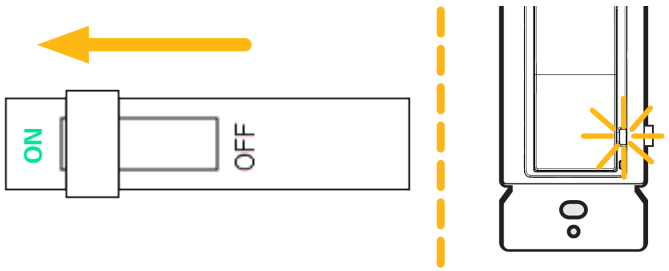
iv. Connect the neutral wire in the wall-box to the Smart Switch's white wire. (NEUTRAL IS REQUIRED).



11 Using the screws provided (C), **mount the Smart Switch in the wall-box** and attach a wall plate (not included).



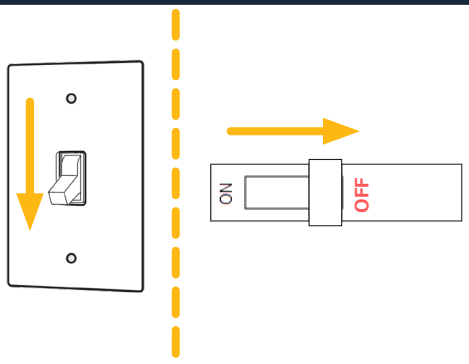
12 **Turn ON power** at the circuit breaker. (An LED indicator will start flashing when power is turned ON).



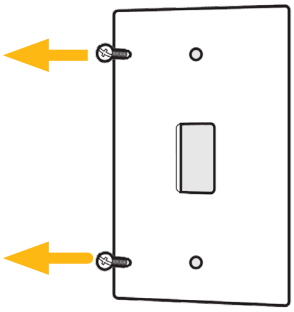
13 Using your smart phone/tablet, follow the online Quick Start Guide to pair this product to your HALO Home account. **BringHaloHome.com**

3-WAY INSTALLATION (2 Switches)

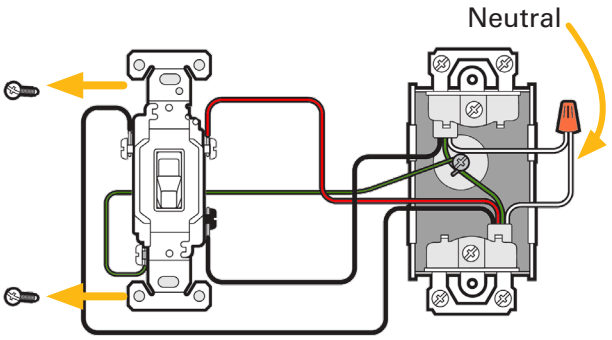
1 **Turn OFF** the light using one of the switches. **Turn OFF power** at the circuit breaker.



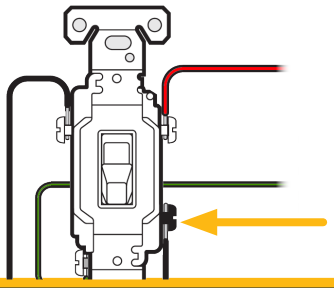
2 **Remove the wall plates** from the existing light switches.



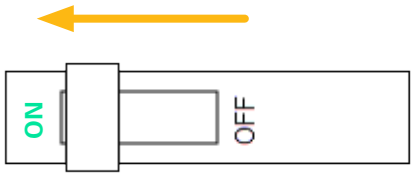
3 **Leaving wiring attached,** remove screws and pull the switches away from the wall. Verify that **BOTH switch locations** have a neutral wire available. If not, stop and consult a licensed electrician.



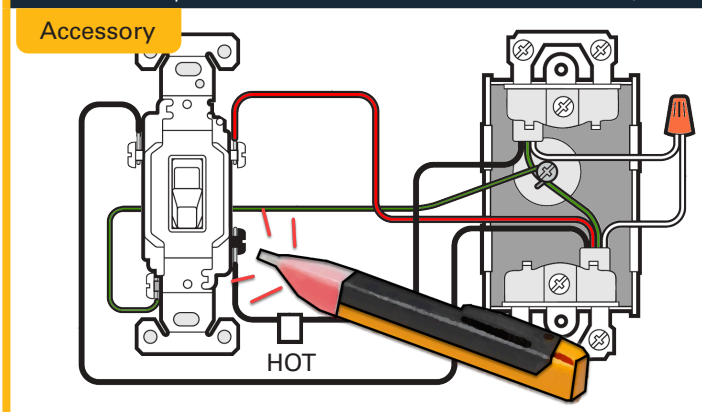
4 At each switch location, place electrical tape or a label on the wire connected to the different colored screw terminal (common).



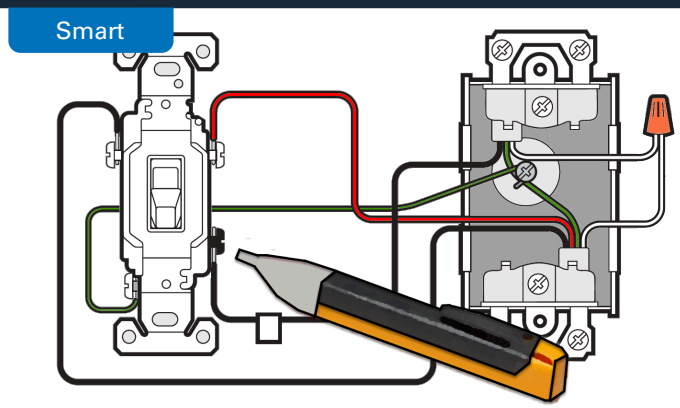
5 Ensure wiring is safely separated and terminals are not touching anything, and then **turn ON power** at the circuit breaker.



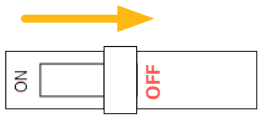
6 **DO NOT TOUCH EXPOSED WIRE OR TERMINALS.** Using a voltage tester, determine which switch location has power on the tagged wire. (The powered location is connected to the breaker while the unpowered location is connected to the switched load.)



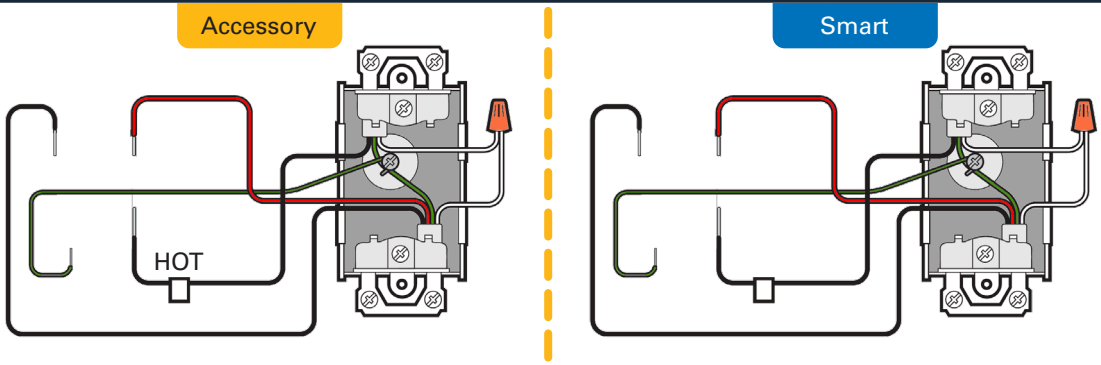
7 Use tape or label to tag the powered switch location "ACCESSORY". Label the other switch location "SMART".



8 **Turn OFF** power at the circuit breaker.



9 Disconnect the wiring and remove both switches.



3-WAY INSTALLATION (2 Switches) Continued

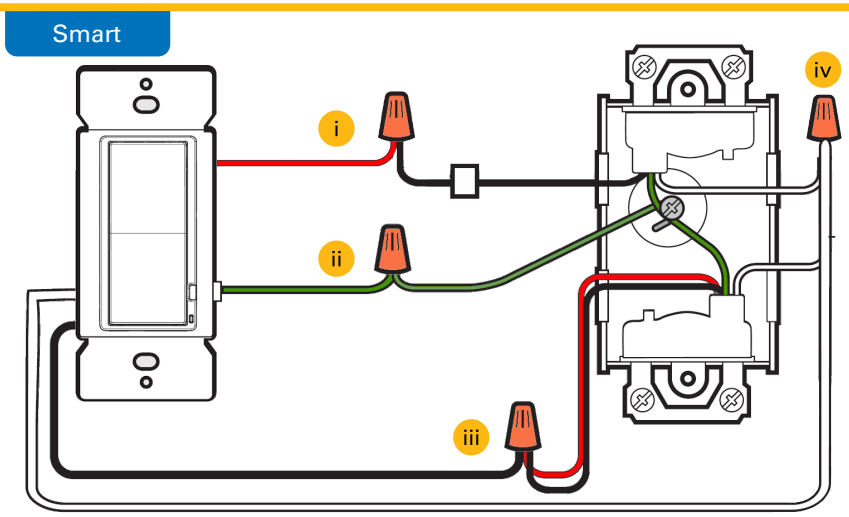
10 At the location labeled "SMART", connect the HALO Home Smart Switch (A) using provided wire nuts (B).

i. Connect the tagged wire (lighting load) to the Smart Switch's red wire.

ii. Connect the bare copper or green ground wire from the wall-box to the Smart Switch's green wire.

iii. Connect the other two switch wires (INCOMING POWER) to the Smart Switch's black wire.

iv. Connect the neutral wire in the wall-box to the Smart Switch's white wire. (NEUTRAL IS REQUIRED).



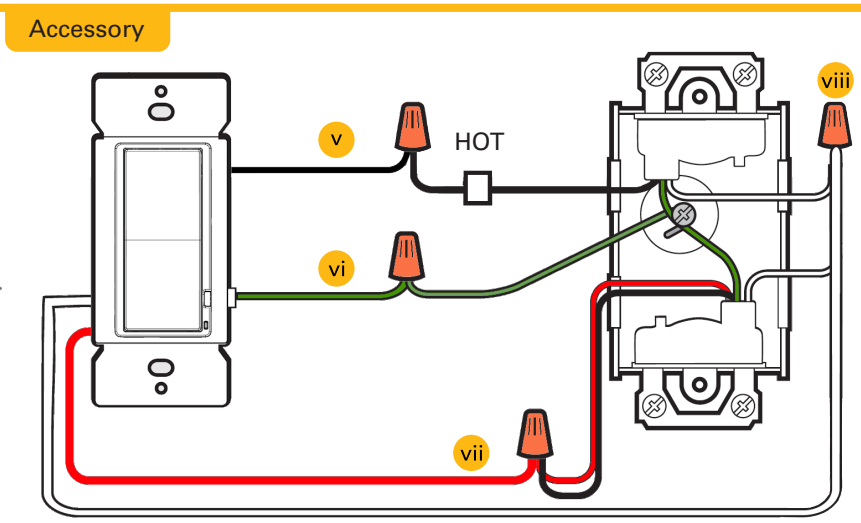
11 At the location labeled "ACCESSORY" connect the **HALO Home Accessory Switch** using provided wire nuts.

v. Connect the tagged wire (power) to the Accessory Switch's black wire.

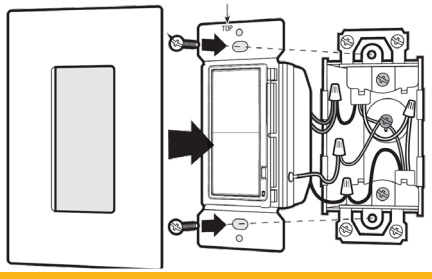
vi. Connect the bare copper or green ground wire from the wall-box to the Accessory Switch's green wire.

vii. Connect the other two switch wires to the Accessory Switch's red wire.

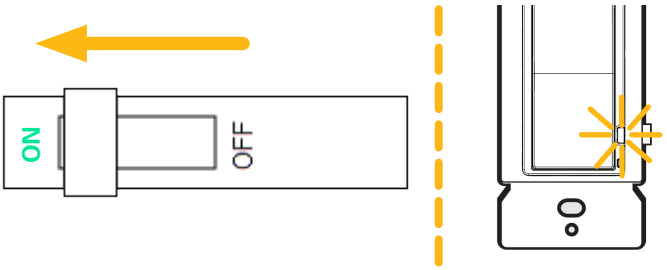
viii. Connect the neutral wire in the wall-box to the Accessory Switch's white wire. (NEUTRAL IS REQUIRED).



12 Using the screws provided (C), **mount the Smart Switch in the wall-box** and attach a wall plate (not included).

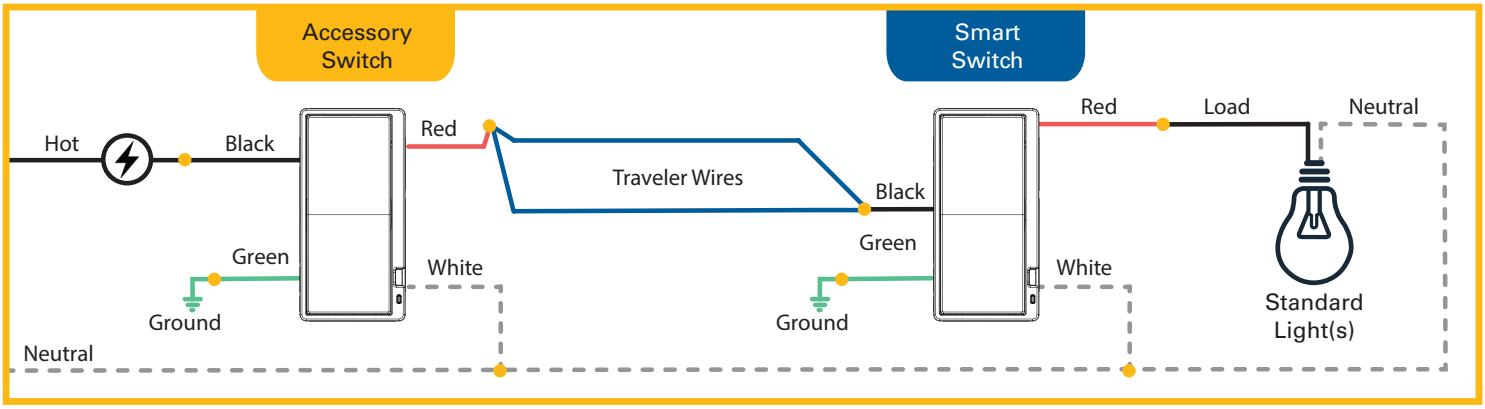


13 **Turn ON power** at the circuit breaker. (An LED indicator will start flashing when power is turned ON).



14 Using your smart phone/tablet, follow the online Quick Start Guide to pair this product to your HALO Home account. **BringHaloHome.com**

3-WAY WIRING DIAGRAM

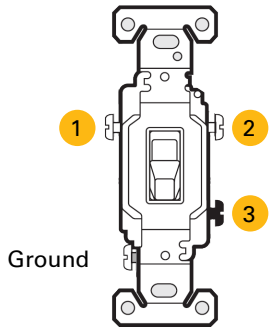


4-WAY INSTALLATION (3+ Switches)

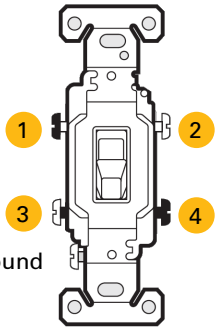
! In locations with 3 or more switches, the following rules will be true:

- 2 locations will have 3-way switches: 3 wiring terminals plus a ground terminal.
- All remaining locations will have 4-way switches: 4 wiring terminals plus a ground terminal.

3-WAY



4-WAY

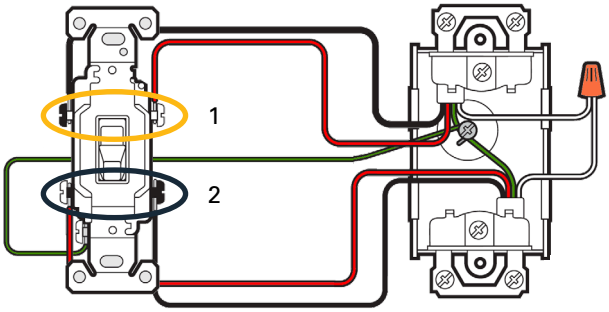


1 Follow steps 1 - 3 in the "3-WAY INSTALLATION (2 Switches)" section, removing 3- and 4-way switches from the wall in step 3. All switch locations must have a neutral.

2 At the two 3-way switch locations, follow steps 4 - 11 in the "3-WAY Installation (2 Switches)" section and then return to this section for further instruction.

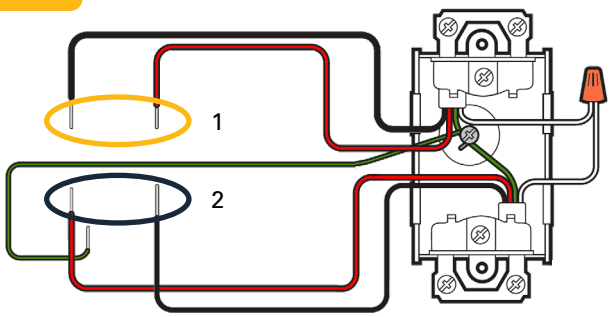
3 (Make sure circuit breaker is still OFF from previous steps.) At each 4-way switch location, identify the 2 separate pairs of wires.

4-Way Switch



4 Disconnect the wiring, keeping the 2 pairs separated.

4-Way Switch



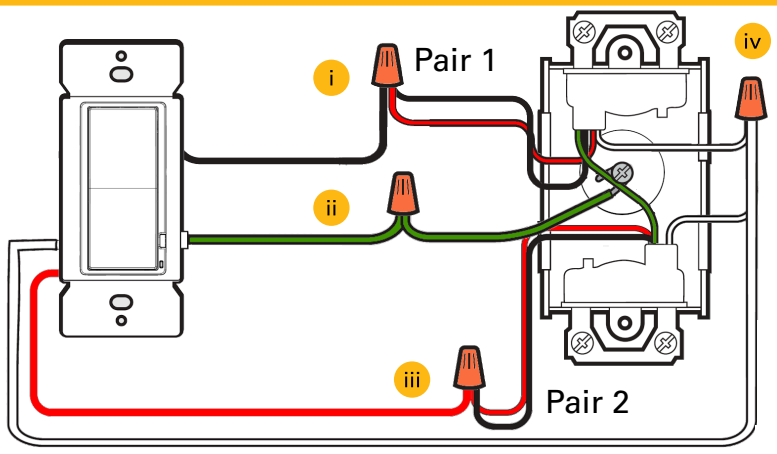
5 Connect **HALO Home Accessory Switches** at each 4-way switch location using provided wire nuts.

i. Connect 1 of the pair of wires to the Accessory Switch's black wire.

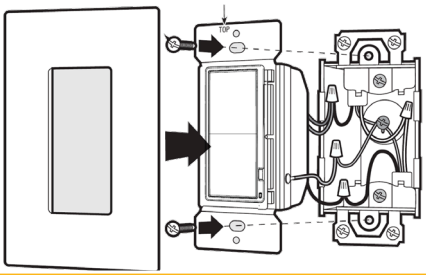
ii. Connect the bare copper or green ground wire from the wall-box to the Accessory Switch's green wire.

iii. Connect the other pair of switch wires to the Accessory Switch's red wire.

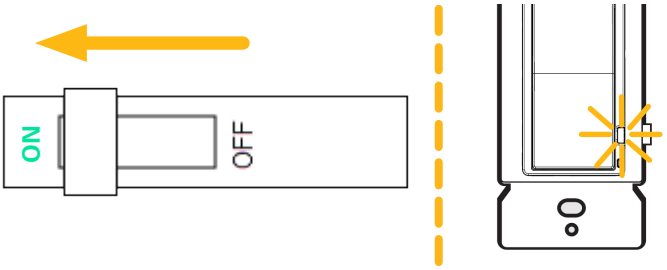
iv. Connect the neutral wire in the wall-box to the Accessory Switch's white wire. (NEUTRAL IS REQUIRED).



6 Using the screws provided (C), **mount the Smart Switch in the wall-box** and attach a wall plate (not included).



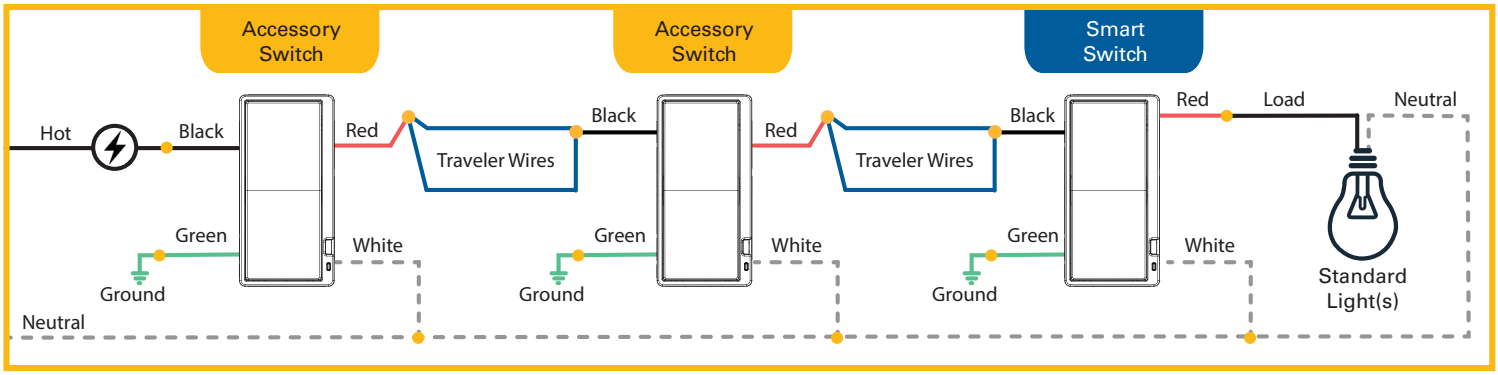
7 **Turn ON power** at the circuit breaker. (An LED indicator will start flashing when power is turned ON).



8 Using your smart phone/tablet, follow the online Quick Start Guide to pair this product to your HALO Home account. **support.BringHaloHome.com**

4-WAY INSTALLATION (3+ Switches) Continued

4-WAY WIRING DIAGRAM



FACTORY RESET

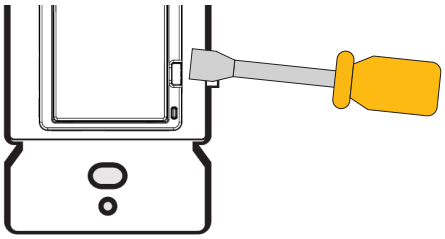
ONLY DO THIS STEP IF YOU ARE UNABLE TO REMOVE THE DEVICE USING THE APP.

If removal does not work, delete it in the app by clicking "my device is broken" and then follow the factory reset steps:

1. Press and hold the ON button for 12 seconds to reset.
2. The load may turn OFF or ON and the LED will start flashing indicating the reset is processing. The LED will continue flashing to indicate that the switch is ready to be paired with the HALO Home App.

CIRCUIT DISCONNECT (AIR-GAP)

To replace a bulb, disconnect power to this switch and any connected loads by using a flathead screwdriver to pull the air-gap switch out until you hear a click. For anything other than bulb replacement, power must be disconnected at the circuit breaker.



FCC STATEMENT

FCC Statement

- 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.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. 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 that 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 that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier: 2AKCY-HIWMAS1BLE40A

Responsible Party – U.S. Contact Information

Cooper Lighting Solutions

1121 Highway 74 S

Peachtree City, GA 30269
www. cooperlighting.com

RF Exposure Statement

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

IC Statement

- This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: 1. This device may not cause interference. 2. This device must accept any interference, including interference that may cause undesired operation of the devicen.

IC 20cm RF

- This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

FCC ID: 2AKCY-HIWMAS1BLE40A

IC: 4706A-HIWMASBLE40

SAVE THESE INSTRUCTIONS AND WARNINGS.

5-YEAR WARRANTY
For warranty information, please visit www.cooperlighting.com/legal

SUPPLEMENTAL INFORMATION

Construction of control: Independently Mounted for Flush Mounting

Type of Action: Type 1.B Action

Pollution Degree: 2

Rated Impulse Voltage: 2500 V

Software Class: Class A

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

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Specifications and dimensions subject to change without notice.