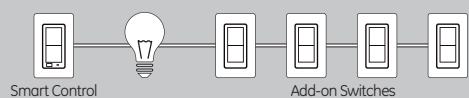


46199  
AS2005

clare™  
CVL-IWA-10

ClareVue  
In-Wall Accessory Switch-Dimmer



Multiple Paddle  
Colors Available



**WARNING**

**RISK OF FIRE  
RISK OF ELECTRICAL SHOCK  
RISK OF BURNS**

**CONTROLLING APPLIANCES  
CAUTION:**

- DO NOT EXCEED RATINGS
- DO NOT USE TO CONTROL ANY DEVICE WHERE UNINTENDED OPERATION COULD CAUSE UNSAFE CONDITIONS (HEAT LAMP, SUN LAMP, ETC.)
- DO NOT USE TO CONTROL RECEPTACLES
- FOR INDOOR USE ONLY

**NOT FOR USE WITH MEDICAL OR LIFE-SUPPORT EQUIPMENT**  
ENABLED DEVICES SHOULD NEVER BE USED TO SUPPLY POWER TO OR CONTROL THE ON/OFF STATUS OF MEDICAL OR LIFE-SUPPORT EQUIPMENT.

**Warranty**  
Clare Controls offers a two (2) year limited warranty on original Clare Controls components, from the date of shipment from Clare Controls. To view complete limited warranty details, including limitations and exclusions, visit [www.clarecontrols.com/warranty](http://www.clarecontrols.com/warranty).

**SPECIFICATIONS**  
AS2005  
Power: 120/277VAC, 60Hz  
Operating temperature range: 32-104° F (0-40° C)  
Type I action  
For indoor use only  
Specifications subject to change without notice due to continuing product improvement

**IMPORTANT!**  
The Add-on switch is not wireless enabled and must be used exclusively with one of the Clare-branded wireless devices. It is not designed for stand-alone use to control an electrical load. It does not have wireless functionality and does not act as a repeater in your wireless control network.

All brand names shown are trademarks of their respective owners.  
DOC ID 2009  
Rev 01

**1.**

Tools you will need

**2.**

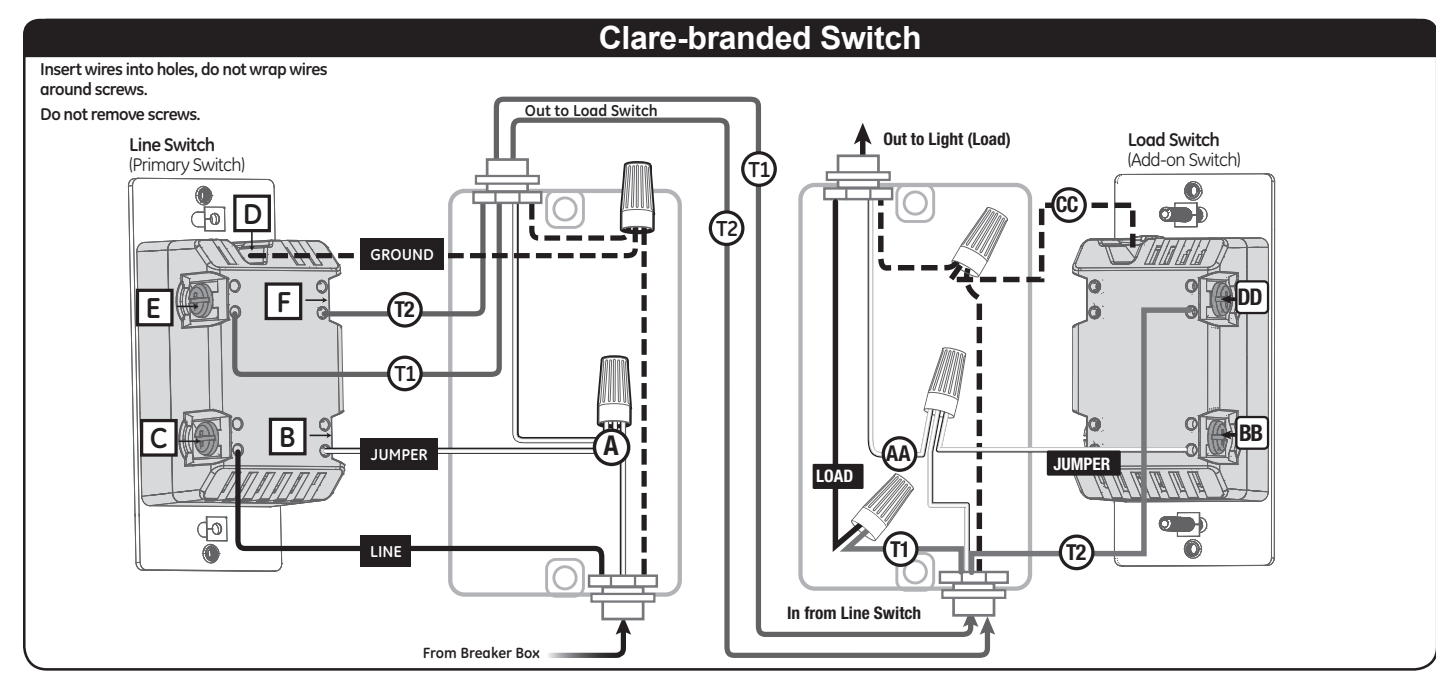
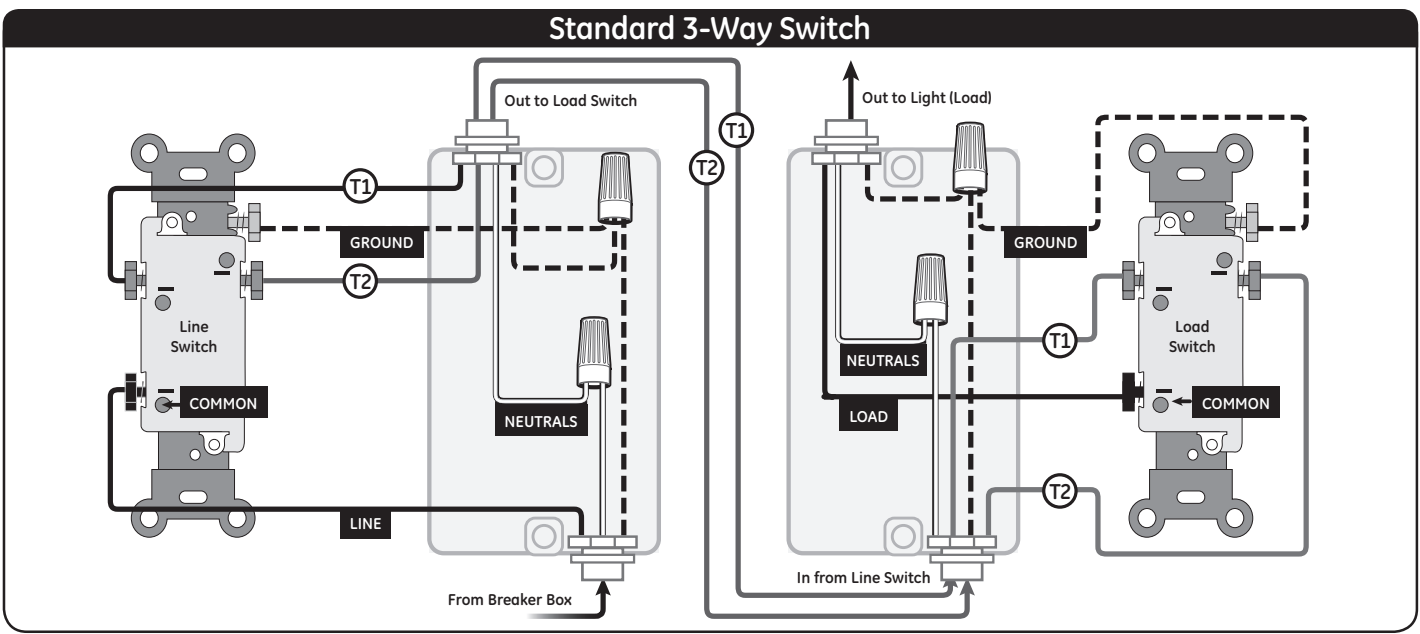
A. Rocker plate - The add-on switch takes the characteristics of the primary switch. Refer to the primary switch's manual for instructions.  
CC. Ground (Green/Bare)  
DD. Traveler (Red/Other)  
BB. Neutral (White)

**To change color of the paddle**  
This step is optional. Before installation, you may want to change the color of the paddle to match your wallplate or decor.  
1. Push side tabs in on one side and then the other to release paddle. Lift the cover up and off.  
2. Simply put the new paddle onto the switch by side tabs and snap securely into place.  
Once this step has been completed, please proceed to section 3.

**1.**

**3.**

OR



OR

**WARNING — SHOCK HAZARD**  
Turn OFF the power to this branch circuit for the switch and lighting fixture at the service panel. All wiring connections must be made with the POWER OFF to avoid personal injury and/or damage to the switch.  
This device is intended for installation in accordance with the National Electric Code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation consult a qualified electrician.

**IMPORTANT!**  
3-way switches can be wired in different ways. These instructions explain the most common method. If you have difficulty with the instructions or your home wiring, contact a licensed electrician for assistance.  
1. Shut off power to the circuit at circuit breaker or fuse box.  
**IMPORTANT! Verify power is OFF to switch box before continuing.**  
2. Remove both wallplates.  
3. Remove the switch mounting screws.  
4. Carefully remove the switch from each switch box location. DO NOT disconnect the wires yet.  
5. Identify switch connected to fuse box. This is the "line switch." Label wire connected to common terminal "LINE."  
6. Identify switch connected to lighting/fixture. This is the "load switch." Label wire connected to common terminal "LOAD."

**Observe important wiring information**  
**IMPORTANT: This add-on switch is rated for and intended to only be used with copper wire.**

**Wire gauge requirements**  
Use 14AWG or larger wires suitable for at least 80° C for supplying line (hot), load, neutral, ground and traveler connections.

**Wire strip length**  
1. For attachment using the enclosure's holes, strip insulation 5/8in. (16mm).  
UL specifies the tightening torque for the screws is 14Kgf-cm (12lbf-in).

**Switch connected to fuse box "line switch" (Replacing standard switch with Clare-branded primary switch)**

1. Disconnect all wires on existing switch.
2. Locate neutral wires found inside switch box. These are typically a bundle of white wires in the back of the box. Remove wire nut securing them (AA).
3. Locate jumper wire included in packaging of primary switch. Connect with neutral wires and secure with wire nut (A).
4. Connect opposite end of jumper wire to NEUTRAL terminal on primary switch (B).
5. Connect wire labeled "LINE" to LINE terminal on primary switch (C).
6. Connect ground wire (bare/copper/green) to GROUND terminal on primary switch (D).
7. Connect one of the two remaining wires (T1) to LOAD terminal on primary switch (E). Write down the color of the wire. You will need this when installing the add-on switch.
8. Connect the remaining wire (T2) to TRAVELER terminal on the primary switch (F).

**Switch connected to lighting "load switch" (Replacing standard switch with Clare-branded Add-on Switch)**

1. Disconnect all wires on existing switch.
2. Locate neutral wires found inside switch box. These are typically a bundle of white wires in the back of the box. Remove wire nut securing them (AA).
3. Locate jumper wire included in packaging of primary switch. Connect with neutral wires and secure with wire nut (AA).
4. Connect opposite end of jumper wire to NEUTRAL terminal on add-on switch (BB).
5. Connect ground wire (bare/copper/green) to GROUND terminal on add-on switch (CC).
6. Locate the same colored wire you noted in the switch box (T1). Using a wire nut, secure it only to the wire you labeled "LOAD."
7. Connect the remaining wire to TRAVELER terminal on the add-on switch (DD). This is the same color as the wire connected to TRAVELER terminal on the primary switch.

**Attach switch to box**

1. Place both switches into their respective switch boxes, being careful not to pinch or crush wires.
2. Secure each switch to the box using the supplied screws.
3. Mount each switch wallplate.
4. Reapply power to the circuit at fuse box or circuit breaker and test the system.