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SAVi 6 Button Keypad Dimmer User Manual

**6 BUTTON KEYPAD DIMMER
INSTALL GUIDE**

Contents

6 Button Keypad Dimmer

WARNING: SHOCK HAZARD
Turn OFF the power to the 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 dimmer. This device is intended for installation in accordance with the National Electric Code and local regulations in the United States and the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing the installation, consult a qualified electrician

6 Button Keypad Dimmer Wiring / Installation Instructions

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 wallplate

3. Remove the switch mounting screws

4. Carefully remove the switch from the switch box. DO NOT disconnect the wires.

5. There are up to five screw terminals on the switch, these are marked:

   a. GROUND

   b. LINE — Black (connected to power)

c. LOAD — Black or Red (connected to lighting/load)

d. TRAVELER — Black or Red (only in 3-way installations)

e. NEUTRAL — White

f. Match these screw terminals to the wires connected to the existing switch.

6. Disconnect the wires from the existing switch. Label wires according to the previous terminal connection.

Multi-switch wiring
For 3-way installations, please refer to the companion switch manual.
Wire gauge requirements
Use 12AWG or 14AWG wires suitable for at least 75ºC for supplying line (hot), load, neutral, ground, and traveler connections.
Wire strip length
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).
Please refer to diagram and follow steps below.

1. Connect the green or bare copper ground wire to the GROUND terminal

2. Connect the black wire from the light to the LOAD terminal

3. Connect the black wire from the electrical service panel (hot) to the LINE terminal

4. Connect the white wire to the NEUTRAL terminal (use a jumper wire if needed)

   Note: The traveler terminal is only used for 3-way or 4-way wiring and should not be connected if the dimmer is

   being installed in a 2-way system (one dimmer & one load)

5. Insert dimmer into the switch box being careful not to pinch or crush wires

6. Switch must be independently mounted (vertical position only)

7. Secure the switch to the box using the supplied screws

8. Mount the wall plate

9. Reapply power to the circuit at fuse box or circuit breaker and test the system

Basic operation
The connected light can be turned ON/OFF in two ways

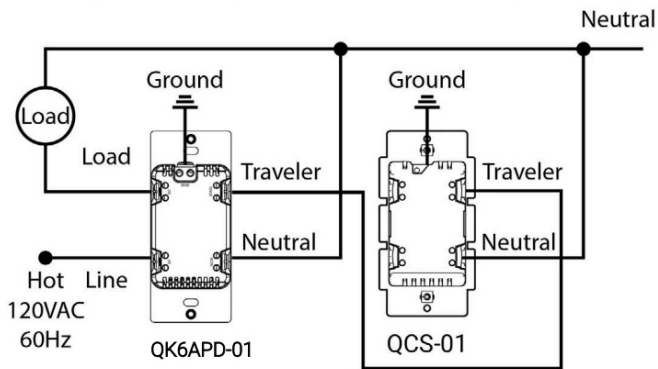1. Manually from the front panel of the dimmer

2. Remotely via SAVI Server:

Manual control
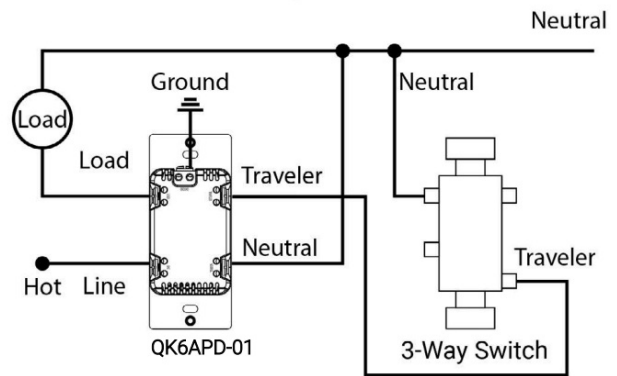The Keypad allows the user to: Turn ON/OFF or Dim UP/DN the connected fixture

1. Press the top button to turn the light ON or press the bottom to turn it OFF

2. Press/ hold the UP arrow to dim the light UP, or press/ hold the Down Arrow dim DOWN

IMPORTANT: This 6 Button Keypad Dimmer is rated for and intended to only be used with copper **wire.**

3-Way Circuit (Companion switch)

Off the shelf 3-Way Circuit

Note: For 3-way configurations, ensure the smart dimmer is installed in the junction box where Line (Hot) enters the electrical circuit. Insert wires into holes, do not wrap wires around screws. Do not remove screws.

The Qualex 6 Button keypad Dimmer is designed to operate in either 120VAC or 277VAC circuits. For 277VAC 3-way circuits, use standard "off-the-shelf" 277VAC compatible 3-way switch.

LEGAL

- Resistive: 15A@120/277V
- Incandescent: 960W@120V/1385W@277V
- Operating ambient temperature 0-40°C
- Method of mounting included: Independently mounted (Vertical position only)
- Operating control, Type 1.C action Pollution Degree 2
- Rated Impulse Voltage 4000 V Software Class A
- NEMA type 1 enclosure

  FOR INDOOR USE ONLY

FCC

Supplier's Declaration of Conformity 47 CFR 2.1077 Compliance Information

Model: QK6APD-01

Responsible Party – US Contact Information

2520 Marsh Lane, Carrollton, TX 75006-2401 (214) 785-6510

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

Please visit **savicontrols.com** to find the full FCC/IC statements.

IC

This device complies with Part 15 of the FCC Rules and with RSS of Industry Canada. 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

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

IC

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

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FCC ID:2BAZT10024001
IC:30526-10024001

Documents / Resources

	SAVi 6 Button Keypad Dimmer [pdf] User Manual 6 Button Keypad Dimmer, 6 Button, Keypad Dimmer, Dimmer

References

- 🌐 **SAVI I Hello Simplicity I Commercial AV Designer and Manufacturer**
- ☑️ **SAVI I Hello Simplicity I Commercial AV Designer and Manufacturer**
- **User Manual**