

## 1. SAFETY INFORMATION

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### WARNING: SHOCK HAZARD

*Turn OFF the power to the branch circuit for the dimmer 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.*

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### Multi-switch wiring

For 3-way installations, please refer to the add-on switch manual.

### Single-switch wiring

Before installation, you may wish to change the paddle color to match your wallplate or decor.

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 six screw terminals on the dimmer, these are marked:
  - a. GROUND
  - b. LINE OR LOAD -- Black (connected to power or lighting)
  - c. LINE OR LOAD -- Black (connected to power or lighting)
  - d. TRAVELER -- Red/Other (only in 3-way installations)
  - e. +/- output terminals
  - f. NEUTRAL -- White

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.

### Observe important wiring information

**IMPORTANT! This dimmer is rated for and intended to only be used with copper wire. For indoor use only.**

### Wire gauge requirements

Use 14AWG or larger wires suitable for at least 80°C for supplying line (hot), load, neutral, ground, and traveler connections. The +/- output terminals require 16-26AWG.

### 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).

1. Connect the green or bare copper ground wire to the GROUND terminal
2. Connect the black wire from the light to either LINE/LOAD terminal
3. Connect the black wire from the electrical service panel (hot) to the other LINE/LOAD 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 switch & one load)
5. Connect the + wire from the light fixture to the + on the dimmer using a small, flathead screwdriver
6. Connect the - wire from the light fixture to the - on the dimmer using a small, flathead screwdriver
7. Insert dimmer into the switch box being careful not to pinch or crush wires
8. Dimmer must be independently mounted (vertical position only)
9. Secure the dimmer to the box using the supplied screws
10. Mount the wallplate and 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 and adjusted dim levels in two ways:

1. Manually from the front panel of the dimmer
2. Remote on/off/dim control

**Manual control**

The front panel rocker dimmer allows the user to:

Turn ON/OFF the connected fixture

1. To turn the connected fixture ON, press and release the top of the rocker
2. To turn the connected fixture OFF, press and release the bottom of the rocker

**Adjust dim levels**

1. To increase brightness, press and hold the top of the rocker
2. To decrease brightness, press and hold the bottom of the rocker

*Cycle LED Light*

*The LED below the dimmer acts as a guide light or status indicator.*

*How to cycle through options: Press up three times and down once quickly.*

1. LED is ON when the load is OFF (default)
2. LED is ON when the load is ON (indicates the dimmer is ON)
3. LED is OFF all the time

**Add reworked illustrations****Specifications**

Model: QZ10D-01

Max Load:

Resistive: 8A@120V/ 5A@277V

Electronic Ballast: 960VA@120V/ 1385VA@277V

General Use (Inductive): 960VA@120V/ 1385VA@277V

Power requirement: 120VAC / 60Hz, 277VAC / 60Hz

Operating ambient temperature: 0-40°C

**3. LEGAL****3.1. FCC**

Supplier's Declaration of Conformity

47 CFR 2.1077 Compliance Information Model: QZ10D-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.

**3.2. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Please visit [savicontrols.com](http://savicontrols.com) to find the full FCC/IC statements.

**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 ICES 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.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil et toutes les personnes.

FCC ID:2BAZT10022001

IC:30526-10022001