Tools needed to install your Dimmer
- Slotted/Phillips Screwdriver
- Electrical Tape
- Pliers
- Cutters
- Ruler

Changing the color of your Dimmer:
If a color change kit is provided with your device and a color change is desired, proceed with the following step. Otherwise, proceed to “Installing Dimmer by itself or with other devices” section. To change color of your device proceed as follows:

1. Push in side at tab to release.
2. Line up tabs and press in side to attach.

Installing Dimmer by itself or with other devices
If installing Dimmer in a single device application, proceed with the “INSTALLING YOUR DIMMER” section. If installing Dimmer in a multi-device application, proceed as follows:

MULTI-DEVICE APPLICATION:
In multi-dimmer installations, the reduction of the dimmer’s capacity is required. Refer to the chart for maximum load per dimmer.

Maximum Load Per Dimmer for Multi-Device Application

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Single Device</th>
<th>Two Devices</th>
<th>More Than Two Devices</th>
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<tr>
<td>VZ102</td>
<td>600W</td>
<td>500W</td>
<td>400W</td>
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Preparing and connecting wires:
This dimmer can be wired using side wire terminal connections or through backwire openings. Choose appropriate wire and stripped/striped specifications accordingly:

- Use T-3, tinned #14-12 AWG copper wire only.
- Do not use #16.4 to avoid fire hazard.
- Back wire openings use #14-12 AWG copper wire only.
- Install dimmer on either the line side or load side of the 3-way circuit.

Installing your dimmer

Step 1
- Do not use for

Step 2
- Push in side at tab to release
- Line up tabs and press in side to attach

Step 3
- Preparing and connecting wires:
- This dimmer can be used with incandescent or 120V halogen fixtures only.
- If you are unsure about any part of these instructions, consult a qualified electrician.

Wiring Dimmer:
Connect wires per Wiring Diagram as follows:

- Green or bare copper wire in wall box to terminal screw marked “BK”.
- Line Hot (common) wall box wire identified (tagged) when removing old switch to terminal screw marked "BK".
- First Traveler wall box wire to terminal screw marked “RD” (note wire color). This traveler from the dimmer must go to the terminal screw on the remote marked “RD”.
- Load wall box wire to terminal screw marked “RD”.
- Dimmer terminal screw marked “YL/RD” should have Red insulation label affixed.
- Left Black/Red traveler from the remote must go to the terminal screw on the dimmer marked “YL/RD”.
- Light/Red traveler from the remote must go to the terminal screw marked “YL/RD”.

Changing the color of your Dimmer:
If a color change kit is provided with your device and a color change is desired, proceed with the following step. Otherwise, proceed to “Installing Dimmer by itself or with other devices” section. To change color of your device proceed as follows:

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**Step 4a**

3-Way Wiring with Matching Remote (w/LEDs) Application

**Step 5**

Testing your Dimmer prior to mounting in wall box.

- Position all wires to provide room in outlet wall box for device.
- Ensure that the word “TOP” is facing up on deck strap.
- Partially screw in mounting screws in wall box mounting holes.

**Return to TROUBLESHOOTING section.**

**OPERATION**

**NOTE:** The locator light will illuminate when the load is in the OFF position to facilitate access to the load.**

**NOTE:** If using the dimmer in a 3-way application, the lights will turn on/off from the dimmer or remote.

**NOTE:** The dimmer can be controlled from either the dimmer or the remote location.

**NOTE:** This product is not designed to be electrically isolated.

- Restore power at circuit breaker or fuse.
- Press pad until locator light is OFF. Lights should turn ON. If lights do not turn ON, press the upper half of the push pad button to turn lights until the lights brighten.
- If lights still do not turn ON, refer to the TROUBLESHOOTING section.

- The dimmer will exit program mode after 3 minutes of no activity.
- The LED brightness display is set to any one of 7 different settings.
- The LED brightness display can be controlled from either the dimmer or the remote location.

**ADVANCED PROGRAMMING FEATURES**

**Mode 1 – Set Minimum Brightness:**

- The minimum brightness level that the lights can dim to prior to turning full OFF.

**Mode 2 – Set Dim-Lock:**

- Set the amount of time (in seconds) that the lights will continue to blink once per second indicating the dimmer is in Mode 1. Set Minimum Brightness mode.

**Mode 3 – Set Fade Rate:**

- Preset LED 6 is located at the top
- Set the amount of time (in seconds) that the lights will turn on regardless of the previous light level at which they were turned OFF.

- Set the fade rate of the LED brightness display.

**NOTE:**

- The locator light will continue to blink once per second indicating the dimmer is in Mode 1. Set Minimum Brightness level. To change the current Minimum Brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will be saved.

- If you continue to hold the lower half of the DIM/BRIGHT Bar, the lights will dim to the desired level and then turn OFF.

- Press pad (Default settings)

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</tr>
<tr>
<td>Fade Off</td>
<td>Approx. 5s from full on</td>
<td>Approx. 10s from full on</td>
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**NOTE:**

- The LED brightness display is set to any one of 7 different settings.
- The LED brightness display can be controlled from either the dimmer or the remote location.

**NOTE:**

- Restore power at circuit breaker or fuse.
- Installation is complete.

**CONNECT WIRE Diagrams as follows:**

- Green or bare copper wire in wall box to Green terminal screw marked “YL.”
- Red (RD) or black wire in wall box to Red terminal screw marked “RD”.
- White (WH) or neutral (White) wire in wall box to neutral terminal screw marked “WH.”
- Black (BK) or hot (Black) wire in wall box to Black terminal screw marked “BK.”
- Neutral (White) or bare copper wire in wall box to Green terminal screw marked “YL/RD”.
- Second traveler wire box from dimmer to remote terminal screw marked “YL/RD”.
- Neutral wire to remote terminal screw marked “YL/RD”. This traveler wire must go to the terminal screw on the dimmer marked “YL/RD”.
- Line Neutral wall box to remote terminal screw marked “YL/RD.”

**DI-000-VZI06-02C**

**TROUBLESHOOTING**

- **Lights flickering:**
  - Lamp has a bad connection.
  - Wire not secured firmly under terminal screws of dimmer or remote.
- **Light does not turn on and Locator LED does not turn on:**
  - Circuit breaker or fuse has tripped.
  - Lamp is off.
  - Lamp Neutral connection is not wired.
- **Intermittent dimmer operation:**
  - Minimum load is under 40W.
- **Remote does not operate lights:**
  - Ensure that total wire length does not exceed 300 ft.

**FCO COMPLIANCE STATEMENT**

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 the 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.

**NOTE:**

- The locator light will continue to blink once per second indicating the dimmer is in Mode 1. Set Minimum Brightness level. To change the current Minimum Brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will be saved.

- If you continue to hold the lower half of the DIM/BRIGHT Bar, the lights will dim to the desired level and then turn OFF.

- Press pad (Default settings)

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**NOTE:**

- The LED brightness display is set to any one of 7 different settings.
- The LED brightness display can be controlled from either the dimmer or the remote location.

**NOTE:**

- Restore power at circuit breaker or fuse.
- Installation is complete.