Installing Dimmer by itself or with other devices

If installing Dimmer in a single appliance application, proceed with the INSTALLING YOUR DIMMER section. If installing Dimmer in a multi-appliance 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.

Preparing and connecting wires: This dimmer can be wired using side wire terminals from the old switch being removed will usually be a straight (cut if necessary) or use gage on appropriate wire stripping specifications accordingly.

Wiring Coordination: For single pole applications, there can be some unexpected consequences if not used with care. For example, an empty coffee pot can be remotely turned on. If that should happen, your coffee pot could be damaged from overheating. If an electric heater is turned on by remote control while clothing is draped over it, a fire could result. Do NOT use the remote for the control of high power heating appliances such as portable heaters. This device will not control lighting that is used with electronic ballast and high frequency power supply transformers, nor high pressure discharge lamps (HO lighting). This includes mercury-vapor, sodium vapor and metal halide lamps.

IMPORTANT: For 3-way applications, note that one of the screw terminals from the old switch being removed will usually be a straight (cut if necessary). Tag the electrical tape and identify as the common (Line or Load) in both the dimmer wall box and remote wall box. This traveler from the remote must go to the terminal screw on the remote marked “RD”. This traveler from the dimmer must go to the terminal screw on the dimmer marked “RD”. Load wire box to terminal screw marked “RD”. Dimmer terminal screw marked “YL/RD” should have Red (RD) terminal and Black (Bk) terminal. Neutral (White) 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”. This traveler from the dimmer must go to the terminal screw marked “YL/RD”. Second Traveler wall box wire to terminal screw marked “YL/RD” (note wire color). This traveler from the dimmer must go to the terminal screw on the remote marked “YL/RD”. Use electrical tape to cover.

NOTE: Insulating label is not allowed to terminal screw marked “YL/RD”, use electrical tape to cover.

Proceed to Step 5.

Connect wires per WIRING DIAGRAM as follows:

NOTE: When using the coordinating remote without LEDs, the dimmer can be installed on either the Line or Load side of the 3-way circuit.

NOTE: Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.

• Dimmer may feel warm to the touch during normal operation.

• Connect power at circuit breaker panel. Use only one sourcing, installing or removing fixture.

• Do not install to control a receptacle, fluorescent lighting, a motor- or a transformer-operated appliance.

• To avoid overheating and possible damage to this device and other equipment, do not install to control a receptacle, fluorescent lighting, a motor- or a transformer-operated appliance.

• Use with incandescent or 120V halogen fixtures only.

• Vizia™ RF dimmers are not compatible with standard 3-way or 4-way switches. They must be used with compatible Vizia™ or Vizia™ RF remote for multi-location dimming.

• Use only one sourcing, installing or removing fixture.

Tools needed to install your Dimmer:

- Screwdriver
- Electrical Tape
- Pliers
- Pencil
- Cutters
- Ruler

Installing Dimmer:

Max load per dimmer for multi-device

Table: MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Single Pole (One location)</th>
<th>Two Devices (Multi-location)</th>
<th>More Than 2 Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>RZI 6-1L</td>
<td>600W</td>
<td>500W</td>
<td>400W</td>
</tr>
</tbody>
</table>

NOTE: Use check boxes when Steps are completed.
Testing your Dimmer prior to mounting in wall box:

- Position all wires to provide room in outlet wall box.
- Ensure that the word "TOP" is facing up on device scrap, verify its position in threaded holes in wall box wall mounting holes.

NOTE: Dress wires with a bend as shown in diagram in order to select stress when mounting device.

- Restore power at circuit breaker or fuse.
- The light will turn ON and OFF, if lights still do not turn ON, refer to TROUBLESHOOTING section.

d) The Primary Programmer/Controller will assign a unique ID number (Name) to this module.

NOTE: This ID number (Name) will be stored in the controller library to be used for future reference.

NOTE: If you may name or edit the name of this device at this time.

e) The dimmer is now installed in the network.

NOTE: If a dimmer has been successfully installed in the network and the user likes to include it again without finding it from the network, the module will retain the last ID it had received and ignore the second.

Factory Default:

- If you have not responded, or you are unable to control it after you have tried to include it/Exclude it multiple times, it may be necessary to break the communication to the dimmer in order to accomplish this, proceed as below:
  - On the Primary Programmer/Controller, use the Exclusion switch (refer to Operation section) and wait 5 seconds. Press push pad back in frame and release, the light will turn ON. Then press the center button to select Network.

Air-Gap Switch:

- On the dimmer, engage the air-gap switch to break communication to the first device (key switch), push pad until it lifts completely out of the air-gap switch. The dimmer will now be able to respond.
- Press lower half of DIM/BRIGHT Bar – Lights dim to desired level. Final level. This setting will automatically be saved by tapping the push pad to exit programming mode.

ADVANCED PROGRAMMING FEATURES

Mode 1 – Set Minimum Brightness: Set the brightness level that the dimmer can dim to prior to turning full ON.

Mode 2 – Set Dim-Lock: Set the brightness level that the lights will turn OFF to, regardless of the previous light level at which they were dimmed.

Mode 3 – Set Fade Rate: Set the amount of time (in seconds) that the lights will have to turn ON or OFF. Fade rates can be set to one of 7 different settings.

NOTE: Before adjusting or refer to the Operation, please ensure that the location LED on the dimmer is ON.

NOTE: Cleaning: Clean with a damp cloth. DO NOT use chemicals cleaners.

Troubleshooting:

- Lights Flickering: Lamp has a bad connection. Wire not securely held firmly under terminal screws of dimmer and/or remote.
- Remote does not turn ON and Locator LED does not turn ON:
  - Circuit breaker or fuse has tripped.
  - Lamp Neutral connection is not wired.
  - Confirm that the device is being supplied from a 120V, 60Hz supply.
  - Confirm that the device is programmed separately. Proper “TO” and “FROM” settings may verify that it has been included in the network.

**FAQ 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.

**Limited 5 Year Warranty and Exclusions**

Leviton warrants to the original consumer purchaser and not for anyone else that the product at this time of sale is by Leviton free of defects in materials and workmanship for five years from the date of purchase. Leviton’s only obligation is to correct such defects by repair or replacement, at its option, within such five year period the product is returned prepaid, with proof of purchase. There is no warranty of merchantability or fitness for any particular purpose, implied or expressed. This warranty is null and void, or altered in any manner, as not to be used under normal operating conditions. There are no implied warranties of any kind, including merchantability and fitness for a particular purpose, to the extent allowed by law, Limitation of Damages and Exclusions. Each remedy provided herein is exclusive remedies under the warranty, whether based on contract, tort or otherwise.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Set Min. Brightness 1-50%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Set Dim-Lock 1-100%</td>
<td>50%</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Set Fade Rate 1-7</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

**FAQ 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:
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