**Warnings and Cautions:**

- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- If you are unsure about any aspect of these instructions, consult a qualified electrician.
- 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 magnetic low-voltage transformers, incandescent, or 120V halogen fixtures only. Use a Leviton electronic low-voltage dimmer to control electronic (solid state) low-voltage transformers.

**Magnetic Low-Voltage Transformer (VZM06-1L, 600VA (Lighted))**

**120VAC, 60Hz**

**INSTALLATION INSTRUCTIONS:**

- **Use only one (1) Vizia™ dimmer in a multi-location circuit with up to 9 coordinating remotes without LEDs or up to 4 matching remotes with LEDs. The remote(s) will turn the light on at the brightness level selected at the dimmer.**
- **Total minimum load must exceed 40W.**
- **Dimmer may fail warm to the touch during normal operation.**
- **Recommended minimum wire box depth is 2-1/2.”**
- **Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.**
- **Do not disconnect power at circuit breaker or fuse when servicing, installing or removing fixture.**
- **Use this device only with copper or copper clad wire. With aluminum wire use only devices marked CO/ALR or CU/AL.**

**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.

**Tools Required to Install Your Dimmer:**

- Slotted/Phillips Screwdriver
- Electrical Tape
- Pliers
- Pencil
- Cutters
- Ruler
- Electrical Tape

**MAXIMUM BULB WATTAGE**

<table>
<thead>
<tr>
<th>Single Pole</th>
<th>Two Gang</th>
<th>More Than 1 Gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating</td>
<td>Single</td>
<td>Two Gang</td>
</tr>
<tr>
<td>600VA</td>
<td>450W</td>
<td>375W</td>
</tr>
</tbody>
</table>

**Installing Your Dimmer:**

1. **Warning:** To avoid fire, shock, or death; turn off power before wiring!

2. **Preparation and connecting wires:**
   - This dimmer can be wired using side wire terminal screws or through backwire openings. Choose appropriate wire stripping specifications accordingly.

3. **Identifying your wiring application (most common):**
   - **Note:** If the wiring in the wall box does not resemble any of these configurations, consult a qualified electrician.

   - **Single-Pole Application:**
     - Make sure that the ends of the wires from the wall box are straight (if cut if necessary)
     - Remove insulation from each wire in the wall box as shown.
     - For Single-Pole Application, go to Step 4a.
     - For 3-Way Coordinating Remote (no LEDs) Application, go to Step 4b.

   - **3-Way Application:**
     - Line Hot (common) wall box wire identified (tagged) when power is off before wiring!
     - Remove insulated label not is affected to terminal screw marked “RL” (AWG solid or stranded wire)
     - For 3-Way Coordinating Remote (LEDs) Application, go to Step 4c.

   - **2-Way Application:**
     - Line Hot wall box wire to terminal screw marked “RL” (AWG stranded wire)
     - Remove insulated label not is affected to terminal screw marked “RL” (AWG solid or stranded wire)
     - For 3-Way Coordinating Remote (LEDs) Application, go to Step 4c.

4. **Install Dimmer by itself or with other devices:**

   - **Multi-Device Application:**
     - Identify your wiring application.
     - Connect wires per WIRING DIAGRAM as follows:
       - **WIRING DIMMER:**
         - Connect wires per WIRING DIAGRAM as follows:
       - **Connect Dimmer to the PRIMARY (HIGH-VOLTAGE) SIDE of a MAGNETIC LOW-VOLTAGE TRANSMFORMER:**
         - **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.

   - **3-Way Wiring with Coordinating Remote (no LEDs) Application:**
     - **Coordinating Remote Depicted**
     - **Coordinating Remote (no LEDs) Application:**
     - **Coordinating Dimming Remote Depicted**

   - **2-Way Wiring with Coordinating Dimming or Switching Remote (no LEDs) Application:**
     - **Coordinating Dimming Remote Depicted**

**Warning:**

- **Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.**
- **Green or bare copper wire in wall box to Green terminal screw.**
- **Line Hot (common) wall box wire identified (tagged) when power is off before wiring!**
- **Remove insulated label not is affected to terminal screw marked “RL” (AWG solid or stranded wire)**

**WIRING DIMMER:**

- **Connect wires per WIRING DIAGRAM as follows:**

  - **Connecting wires per WIRING DIAGRAM as follows:**
  - **WIRING DIMMER:**
  - **Connect Dimmer to the PRIMARY (HIGH-VOLTAGE) SIDE of a MAGNETIC LOW-VOLTAGE TRANSFORMER:**
  - **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.

  - **3-Way Wiring with Coordinating Remote (no LEDs) Application:**
    - **Coordinating Remote Depicted**
  - **2-Way Wiring with Coordinating Dimming or Switching Remote (no LEDs) Application:**
    - **Coordinating Dimming Remote Depicted**

**Warning:**

- **Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.**
- **Green or bare copper wire in wall box to Green terminal screw.**
- **Line Hot (common) wall box wire identified (tagged) when removing old switch to terminal screw marked “RL.”**
- **Remove insulated label not is affected to terminal screw marked “RL.”**
- **Remove insulated label not is affected to terminal screw marked “RL.”**

**WIRING DIMMER:**

- **Connect wires per WIRING DIAGRAM as follows:**

  - **WIRING DIMMER:**
  - **Connect Dimmer to the PRIMARY (HIGH-VOLTAGE) SIDE of a MAGNETIC LOW-VOLTAGE TRANSFORMER:**
  - **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.

  - **3-Way Wiring with Coordinating Remote (no LEDs) Application:**
    - **Coordinating Remote Depicted**
  - **2-Way Wiring with Coordinating Dimming or Switching Remote (no LEDs) Application:**
    - **Coordinating Dimming Remote Depicted**

**Warning:**

- **Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.**
- **Green or bare copper wire in wall box to Green terminal screw.**
- **Line Hot (common) wall box wire identified (tagged) when removing old switch to terminal screw marked “RL.”**
- **Remove insulated label not is affected to terminal screw marked “RL.”**
- **Remove insulated label not is affected to terminal screw marked “RL.”**

**WIRING DIMMER:**

- **Connect wires per WIRING DIAGRAM as follows:**

  - **WIRING DIMMER:**
  - **Connect Dimmer to the PRIMARY (HIGH-VOLTAGE) SIDE of a MAGNETIC LOW-VOLTAGE TRANSFORMER:**
  - **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.

  - **3-Way Wiring with Coordinating Remote (no LEDs) Application:**
    - **Coordinating Remote Depicted**
  - **2-Way Wiring with Coordinating Dimming or Switching Remote (no LEDs) Application:**
    - **Coordinating Dimming Remote Depicted**

**Warning:**

- **Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.**
- **Green or bare copper wire in wall box to Green terminal screw.**
- **Line Hot (common) wall box wire identified (tagged) when removing old switch to terminal screw marked “RL.”**
- **Remove insulated label not is affected to terminal screw marked “RL.”**
- **Remove insulated label not is affected to terminal screw marked “RL.”**

**WIRING DIMMER:**

- **Connect wires per WIRING DIAGRAM as follows:**

  - **WIRING DIMMER:**
  - **Connect Dimmer to the PRIMARY (HIGH-VOLTAGE) SIDE of a MAGNETIC LOW-VOLTAGE TRANSFORMER:**
  - **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.

  - **3-Way Wiring with Coordinating Remote (no LEDs) Application:**
    - **Coordinating Remote Depicted**
  - **2-Way Wiring with Coordinating Dimming or Switching Remote (no LEDs) Application:**
    - **Coordinating Dimming Remote Depicted**
**3-Way Wiring with Matching Remote (w/LEDs) Application:**

- **Connect wires per Wiring Diagram as follows:**
  - Green or bare copper wire in wall box to Green terminal screw.
  - Neutral Wire (White) to terminal screw marked "BK".
  - Second Traveler wall box wire (note color as above) to dimmer terminal screw marked "YL/RD".
  - Dimmer will exit program mode after 3 minutes of inactivity.
  - Limitations:**
    - 3-WAY WARRANTY AND EXCLUSIONS
    - No liability for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay in performance for any other reason.
    - This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation.
    - This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, altered in any manner, or if used under normal operating conditions or at full load or output. The company is not liable for any damages resulting from the use of any product other than the one specified.

**LED Brightness Display**
- Number of segments: 7
- Brightness level from 1-50% use the DIM/BRIGHT Bar. This setting will automatically be saved.
- Tap – Lights turn ON to preset level.
- Press upper half of DIM/BRIGHT Bar – Lights DIM to desired level.
- Press lower half of DIM/BRIGHT Bar – Lights DIM to minimum level and then turn OFF.
- **Air-Gap Switch:**
  - On the dimmer only, engage the air-gap switch by gently pulling the bottom of the push pad up and to the left. Press upper half of the push pad – lights will turn ON from OFF, press the upper half of the push pad and hold for 7 seconds.
  - If the button is not released, press and hold the lower half of the push pad. The LED (1) will start blinking.
  - Press push pad back into frame and hold push pad for 7 seconds until the LED (1) stops blinking.
  - The LED brightness display is set to 7 segments, each LED (1) of the LED brightness display, is individually controlled from either the dimmer or the remote location.
  - Press lower half of DIM/BRIGHT Bar – Lights turn OFF from ON position.
  - **Turn OFF from ON position:**
    - Tap – Lights turn OFF to preset level.
  - **Display presets**
    - Approximately 0.5 s from full off
    - Approximately 1.5 s from full on
    - Approximately 3 s from full on
    - Approximately 5 s from full on
  - To Program:
    - **NOTE:** Have a flashlight handy if the dimmer controls the only light in the room.
    - **1.** On the dimmer only, engage the air-gap switch by gently pulling the bottom of the push pad up and to the left. The lights will be controlled from either the dimmer or the remote location.
    - **2.** Set Dim-Lock Level 0-100%, 0=no lock 0%
    - **3.** Set the amount of time (in seconds) that the lights will return to the last setting before the power interruption. Prevents power fluctuations.
    - **4.** Set the minimum brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will automatically be saved.
    - **5.** Set the maximum brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will automatically be saved.
    - **FADER PRESET DATA:**
      - **Fader On**
        - Approx. 1 x full from full
        - Approx. 3 x full from full
      - **Fader Off**
        - Approx. 1 x full from full
        - Approx. 3 x full from full
  - **ADVANCED PROGRAMMING FEATURES**
    - **Mode 1 – Set Dim-Lock Level:**
      - Set the level of brightness between 0% and 100%.
      - The lights will dim to the new level when the power is restored.
      - **Mode 2 – Set Dim-Lock Level:**
        - Turn OFF from ON position:
          - **Turn OFF from ON position:**
            - Tap – Lights turn OFF to preset level.
        - **Display presets**
          - Approximately 0.5 s from full off
          - Approximately 1.5 s from full on
          - Approximately 3 s from full on
          - Approximately 5 s from full on
          - **To Program:**
            - **NOTE:** Have a flashlight handy if the dimmer controls the only light in the room.
            - **1.** On the dimmer only, engage the air-gap switch by gently pulling the bottom of the push pad up and to the left. The lights will be controlled from either the dimmer or the remote location.
            - **2.** Set Dim-Lock Level 0-100%, 0=no lock 0%
            - **3.** Set the amount of time (in seconds) that the lights will return to the last setting before the power interruption. Prevents power fluctuations.
            - **4.** Set the minimum brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will automatically be saved.
            - **5.** Set the maximum brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will automatically be saved.
            - **FADER PRESET DATA:**
              - **Fader On**
                - Approx. 1 x full from full
                - Approx. 3 x full from full
              - **Fader Off**
                - Approx. 1 x full from full
                - Approx. 3 x full from full
            - **ADVANCED PROGRAMMING FEATURES**
              - **Mode 1 – Set Dim-Lock Level:**
                - Set the level of brightness between 0% and 100%.
                - The lights will dim to the new level when the power is restored.
              - **Mode 2 – Set Dim-Lock Level:**
                - Turn OFF from ON position:
                  - **Turn OFF from ON position:**
                    - Tap – Lights turn OFF to preset level.
                - **Display presets**
                  - Approximately 0.5 s from full off
                  - Approximately 1.5 s from full on
                  - Approximately 3 s from full on
                  - Approximately 5 s from full on
                  - **To Program:**
                    - **NOTE:** Have a flashlight handy if the dimmer controls the only light in the room.
                    - **1.** On the dimmer only, engage the air-gap switch by gently pulling the bottom of the push pad up and to the left. The lights will be controlled from either the dimmer or the remote location.
                    - **2.** Set Dim-Lock Level 0-100%, 0=no lock 0%
                    - **3.** Set the amount of time (in seconds) that the lights will return to the last setting before the power interruption. Prevents power fluctuations.
                    - **4.** Set the minimum brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will automatically be saved.
                    - **5.** Set the maximum brightness level from 1-50%, use the DIM/BRIGHT Bar. This setting will automatically be saved.
                    - **FADER PRESET DATA:**
                      - **Fader On**
                        - Approx. 1 x full from full
                        - Approx. 3 x full from full
                      - **Fader Off**
                        - Approx. 1 x full from full
                        - Approx. 3 x full from full

**WIRING COORDINATING REMOTE**
- Connect wires per Wiring Diagram as follows:
  - Green or bare copper wire in wall box to Green terminal screw.
  - Neutral Wire (White) to terminal screw marked "BK".
  - First Traveler wall box wire (note color as above) to dimmer terminal screw marked "RD".
  - Second Traveler wall box wire (note color as above) to dimmer terminal screw marked "YL/RD".
  - Dimmer will exit program mode after 3 minutes of inactivity.
  - Limitations:**
    - 3-WAY WARRANTY AND EXCLUSIONS
    - No liability for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay in performance for any other reason.
    - This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation.
    - This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, altered in any manner, or if used under normal operating conditions or at full load or output. The company is not liable for any damages resulting from the use of any product other than the one specified.

**WARNING:**
For MAGNETIC LOW VOLTAGE APPLICATIONS, CONNECT THE NEUTRAL (WHITE) SIDE OF A MAGNETIC LOW-VOLTAGE TRANSFORMER.

**Connect wires per Wiring Diagram as follows:**
- Green or bare copper wire in wall box to Green terminal screw.
- Neutral Wire (White) to terminal screw marked "BK".
- First Traveler wall box wire (note color as above) to dimmer terminal screw marked "RD".
- Second Traveler wall box wire (note color as above) to dimmer terminal screw marked "YL/RD".
- Dimmer will exit program mode after 3 minutes of inactivity.
- Limitations:**
  - 3-WAY WARRANTY AND EXCLUSIONS
  - No liability for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay in performance for any other reason.
  - This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation.
  - This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, altered in any manner, or if used under normal operating conditions or at full load or output. The company is not liable for any damages resulting from the use of any product other than the one specified.