Installation Instructions:

- **Avoid Flickering, Flashing, or Light Strobing:** Do not install multiple devices vertically one over another. Devices should not be installed vertically.

- **Installation of Multiple Devices into a Single Box:** May require derating and/or additional components.

### Installation Requirements:

- **Remote Control:** The operation of the remote is identical to the operation at the master. A slight reaction delay may be noticed if operating levels change very quickly.

### Installation Instructions:

1. **WARNING:** To avoid fire, shock, or death, turn off power at circuit breaker or fuse and test that power is off before wiring!

2. Remove existing wall plate and switch, if applicable.

3. Connect wires per wiring diagram. If traveler wire is not used, it must be insulated (wire nut or electrical tape). Ensure that the load is correctly identified as the load or receptacle. Adjusting when another load is on.

4. Wiring may now be completed by carefully positioning all wires to provide proper communication between the devices.

5. **Remote Control:** The operation of the remote is identical to the operation at the master. A slight reaction delay may be noticed if operating levels change very quickly.

### Diagrams

- **Figure 1:** DO NOT share neutral wires
- **Figure 1A:** DO NOT share neutral wires
- **Figure 2:** Remote Dimmer Assembly

### Wiring Diagram

- **Hot (Black)**
- **Neutral (White)**
- **Ground (Green)**
- **White**
- **Blue**
- **Yellow**

### Notes

- **Features and Operation:**
  - Turn Device ON or OFF – Pressing the switch will turn the device ON if the device is OFF. Turning ON, the switch will turn the device OFF.
  - Set Device Level – Adjust the knob or slider to set the desired output level. When the device turns ON, the device always turns ON to the level set by the slider or knob.
  - Set Cutoff Level – The cutoff level is the lowest voltage the dimmer will output before shutting OFF. To set the cutoff level, adjust the knob or slider to the maximum output. Slowly lower the output to the desired cutoff level, then push and hold the power button for 10 seconds. The dimmer will adjust to the new level. To reset the cutoff level to 0, adjust the knob or slider to the minimum output, then push and hold the power button for 10 seconds. If your load is flickering, not turning ON, or suffering from any other erratic behavior at the minimum setting, raising the cutoff level may eliminate the problem. If your load will not dim, reset the cutoff level to 0 and then reset desired minimum level.
  - preset Operation – While device is off, set level of device. Then press button. The device will turn on at the set level.
  - Power Restore – Upon restoration of power, the device turns on to the state it was in at the time of power loss.
  - 5-Way Operation – Link together 2, 3, 4, or 5 devices for multi-way dimming. All connected devices must be powered by the same electrical circuit to ensure proper communication between the devices.
  - LED Locator – At the bottom of the switch is an LED locator. This locator illuminates when the device is OFF so you can find the device in the dark.

- **Wiring Diagram:**
  - **Hot (Black)**
  - **Neutral (White)**
  - **Ground (Green)**
  - **White**
  - **Blue**
  - **Yellow**

- **Features and Operation:**
  - Use this device with copper or copper clad wire only.
  - Do not gang vertically.
  - If you are not sure about any part of these instructions, consult an electrician.

- **Warranty:**
  - Limited 5 Year Warranty and Exclusions

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For Technical Assistance Call: 1-800-824-3055 (U.S.A. Only) www.leviton.com
**Multi-Gang Installations:**
A multi-ganged installation exists when multiple devices are installed in the same back box. In multi-gang installations, the following may be required:
- Device de-rating
- Fin removal
- Use of joiner bars for adjacent devices
- Back box size

**NOTE:** Test fit device installation with the wall plate prior to breaking fins or installing devices to ensure you understand all requirements.

**De-ratings:**
When fins are broken, some devices must be de-rated. Reference table below to determine the device ratings when 0, 1, or 2 fins are removed.

Switches: 120-277VAC/VCA, 60Hz
Use only for resistive, incandescent, inductive, ballast or motor load.

<table>
<thead>
<tr>
<th>Switches</th>
<th>0 Fins</th>
<th>1 Fins</th>
<th>2 Fins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amps</td>
<td>10.0</td>
<td>9.0</td>
<td>8.0</td>
</tr>
<tr>
<td>VA @ 120V</td>
<td>1900</td>
<td>1710</td>
<td>1520</td>
</tr>
<tr>
<td>VA @ 230V</td>
<td>2200</td>
<td>1980</td>
<td>1760</td>
</tr>
<tr>
<td>FLA</td>
<td>1.5</td>
<td>1.35</td>
<td>1.20</td>
</tr>
<tr>
<td>VA @ 277V</td>
<td>2000</td>
<td>1800</td>
<td>1600</td>
</tr>
<tr>
<td>VA @ 277V</td>
<td>1500</td>
<td>1350</td>
<td>1200</td>
</tr>
</tbody>
</table>

**Fin Removal:**
When it is desired to install devices in a small space as possible, all inside fins of like sized, adjacent devices can be broken off. Figure 4 shows how to break off fins and the specific order in which multiple devices must be installed in multi-gang installations.

**Back Box Size & Joiner Bars:**
To determine the required back-box size in multi-gang installations, reference table below. In applications where the devices do not line up with back box device mounting holes, use joiner bars to join the controls together. Reference Figure 5.

**Multi-Way Control:**
The Renor II product line supports up to 5-way control. Any combination of Dimmers, Fan Controls, Switches, or Remotes are supported within a MAXIMUM OF 5 DEVICES. Total run length from end to end is MAXIMUM 250 FEET. Remotes require Uncontrolled Hot, Neutral, & Ground for proper operation. One traveler wire is to run in between all masters and remotes. Remotes draw 15mA power (ea) from the Control to which they are connected.

**NOTE:** Hot/Neutral should ideally be fed from the same circuit as the Master. If this is not possible, ensure that the master and remote are both fed from the same phase.

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**Table:**

<table>
<thead>
<tr>
<th>Basic Configurations</th>
<th>Number &amp; Type of WIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Backbox - # Gangs</td>
</tr>
<tr>
<td></td>
<td>Device Configuration</td>
</tr>
<tr>
<td></td>
<td>Wallplate Part #</td>
</tr>
<tr>
<td>1</td>
<td>Backbox - # Gangs</td>
</tr>
<tr>
<td></td>
<td>Device Configuration</td>
</tr>
<tr>
<td></td>
<td>Wallplate Part #</td>
</tr>
<tr>
<td>2</td>
<td>Backbox - # Gangs</td>
</tr>
<tr>
<td></td>
<td>Device Configuration</td>
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<tr>
<td></td>
<td>Wallplate Part #</td>
</tr>
<tr>
<td>3</td>
<td>Backbox - # Gangs</td>
</tr>
<tr>
<td></td>
<td>Device Configuration</td>
</tr>
<tr>
<td></td>
<td>Wallplate Part #</td>
</tr>
</tbody>
</table>

1. Find the cells that correspond to your application by identifying the row with the number of wide heatsink devices you have, and the columns that correspond to the number of narrow heat sink devices you have. In the cell you’ll find the following:
2. The number indicates the number of “Gangs” required.
3. The letters under the number indicate the order devices should be installed, N=narrow, W=wide. 4. **W** = right fin break-off on wide device, **N** = right fin break-off on narrow device.
4. **W** = left fin break-off on wide device, **N** = left fin break-off on narrow device.
5. **W** = fin break-off on both sides of wide device, **N** = fin break-off on both sides of narrow device.
6. Multiple Device/Switches configurations, for additional configurations visit: www.leviton.com/RENOIRII