**INTRODUCTION**

The new generation of lighting control technology is here with the new Decor® Digital Dimmer with Bluetooth® Technology. This innovative and intuitive dimmer eliminates the hassle of cords that can be easily downloaded to smartphones or tablets to control your lighting. All this can be done from your favorite remote, thereby giving you fine control and total comfort.

These devices give users point-to-point local control to automate lighting, avoiding the need to visit a dimmer switch or control for timed events, manual touch, or complex programming.

**FEATURES**

- Soft Touch ON-OFF
- ON/OFF LED and Brightness Level LED
- Three way communication
- Ease of installation – No new wiring

**TOOLS NEEDED TO INSTALL YOUR DIMMER**

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

**Changing the color of your Dimmer:**

Your device may include color options. To change the color of the face proceed as follows:

1. Push in at bottom tabs and pull outward to release.
2. Insert top tab and press in bottom tab to attach.

**INSTALLING DIMMER ITSELF OR WITH OTHER DEVICES**

If installing Dimmer in a single device application, proceed with the INSTALLING YOUR DIMMER section. Installing Dimmer in a multi-device application, proceed as follows:

**MULTI-DEVICE APPLICATION**

In multi-device installations, the reduction of the dimmer’s capacity may be required. Refer to the chart for maximum load per dimmer.

**NOTE:** No derating is required for LED or CFL applications.

**MAXIMUM LOAD PER DIMMER FOR MULTI-DEVICE**

<table>
<thead>
<tr>
<th>Load</th>
<th>Single</th>
<th>Two Devices</th>
<th>More than 2 Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incard</td>
<td>100VA</td>
<td>200VA</td>
<td>400VA</td>
</tr>
<tr>
<td>Mag LV</td>
<td>1000VA</td>
<td>2000VA</td>
<td>4000VA</td>
</tr>
</tbody>
</table>

**MAXIMUM BULB WATTAGE**

Low-voltage dimmers are rated in Volt-Amps (VA). The maximum bulb wattage is determined by the efficiency of the transformer in the low-voltage lighting system. Transformer efficiency will vary from different manufacturers; consider 85% efficient as average. Use the chart to determine maximum bulb wattage for whole-house transformer efficiency ratings.

**MAXIMUM BULB WATTAGE AT 75% EFFICIENCY**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Single</th>
<th>Two Gang</th>
<th>More than 2 Gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>50VA</td>
<td>80W</td>
<td>120W</td>
<td>160W</td>
</tr>
<tr>
<td>250VA</td>
<td>400W</td>
<td>600W</td>
<td>800W</td>
</tr>
</tbody>
</table>

**MAXIMUM BULB WATTAGE**

Mark 10® Powerwedge dimmers are rated in Watts (W). The maximum bulb wattage is determined by the efficiency of the Mark 10® Powerwedge ballast.

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**COMBINATION CHART**

- 1 - #14 w/ 1 to 4 #16 or #18
- 2 - #12 w/ 1 or 2 #16 or #18
- 3 - #12 w/ 1 to 3 #14, #16 or #18
- 4 - #12 w/ 1 to 3 #14, #16 or #18

**OPTIONAL WIRING DIAGRAMS**

Lutron Tu-Wires:

1. Insert top tabs and pull outward to release.
2. Remove side section.
3. Do not remove power side sections.

**WIRING DIMMER**

Connect wires per WIRING DIAGRAM as follows:

**WARNING:** Connect the Mark 10® Powerwedge Dimmer of Dimmer to the PRIMARY (HIGH-VOLTAGE) SIDE OF A MAGNETIC TRANSFORMER

**NOTE:** The Dimmer must be installed in a wall box that has a Load connection and a Neutral connection.

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Testing your Dimmer prior to mounting in wall box:

- Position all wires to provide room in outlet box for device.
- DO NOT connect the wall box to the device yet.
- Securely screw mounting screws in wall box.
- NO wires should be left with a bend as shown in diagram in order to relieve stress when mounting device.

NOTE: If using in a dimmable fluorescent application see Advanced Programming Feature A-1 prior to testing the device.

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