EZ WIRELESS CONSTANT VOLTAGE LED DIMMER

The DEKOR® Constant Voltage LED Dimmer is designed to control dimmable low-voltage DEKOR® LED fixtures. The Wireless Dimmer responds to the self-powered DEKOR® Wireless Light Switch. The DEKOR® Wireless Wall Dimmer has a PWM output which dims the fixture or Manual - ON /Auto-OFF applications.

Product ID: EZWIRESLESSWALLRECEIVER
Compatible with: EZWIRESLESSWALLSWITCH
Dimensions: Width: 2.88" X HEIGHT: 1.30" L X Depth:.67"
Range: 50-150 feet (typical)
Frequency: 315 Mhz
Power Supply Input Rating: 8 - 12VDC
Output Rating: 5A
Input Channels: 1 -10+ Wireless Input
Output Channels: 1 output PWM
Operating Temperature: 13° to +140°F (-25° to +60°C)
Storage Temperature: -40° to +140°F (-40° to +60°C)

Equipment needed for Installation:
Non-conductive stylus ( pencil or ballpoint pen), Screwdriver, #6 sheet metal screws or double-sided adhesive tape.

CAUTION/NOTES:
- Always follow local electrical codes when installing this device. Installation should be performed by a qualified electrician.
- Depending on the circumstances, it may be more convenient to pre-program the receiver prior to final installation.
- DEKOR® Wireless Wall Receiver/Dimmer is intended for indoor use only, in dry locations, and with premanently installed fixtures.
- DEKOR® Wireless Wall Receiver/Dimmer should NOT be installed in a location where the unit will be in close proximity to light bulbs or other sources of heat, particularly with higher wattage loads. Installation close to heat sources may subject the receiver to temperatures exceeding the operating temperrate rating of 13° to +140°F (-25° to +60°C).
- Installation in a metallic enclosure or near large metal objects will typically reduce radio range of the DEKOR® Wireless Wall Receiver/Dimmer. If possible, install wireless transmitters and receivers in plastic or fiber enclosures for best performance.

TEACH/LEARN Procedure (a Transmitter teaches a Receiver, a Receiver learns a Transmitter)
The receiver must be powered when teaching. After teaching a receiver, settings are retained when power is disconnected. The receiver sensitivity is reduced when in LEARN Mode to prevent unintentionally teaching unwanted transmitters to the receiver. Transmitters should be within 15 feet (5 meters) of the receiver when teaching.

Note: When the device is not in a LEARN Mode and is operational, the CLR button can be pressed quickly to toggle the output. This is convinient in the SCENE Mode application. (SEE BELOW)

STEP 1: Determine Desired Behavior

**LEARN MODE 1**

[ROCKER]

Top of the rocker turns on load. Bottom of the rocker turns off load. Teach either the top or bottom: the other half is automatically taught.

**LEARN MODE 2**

[MOMENTARY]

Press and hold one side of the rocker to turn on load. Release to turn off. Each side of the rocker must be learned separately.

**LEARN MODE 3**

[TOGGLE]

Press/release once to turn on load. Press/release again to turn off. Each side of the rocker must be learned separately.

**LEARN MODE 4**

[SCENE]

Press/release one side of the rocker to recall a preset scene that can involve multiple loads. Each side of rocker must be taught separately.

Scene mode is used to teach a receiver to recall a specific relay state when a transmitter (which has been taught to the receiver) is triggered. Typically scene mode is used when you want to signal transmitter action to affect multiple receivers. To teach a receiver to recall a specific state, set the receiver to the desired state by learning a rocker switch in Mode 1. Once the receiver is in the desired lighting state, enter LEARN MODE 4 by following the instructions in step two, which will complete the learn process.

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**STEP 2: Teach the Receiver**

Clear All Instructions: The CLR Button can be used to clear all the memory in the receiver (erases all previously learned transmitters.) Press and hold the clear button (CLR) for several seconds. When the light starts to blink, this indicates that the memory has been cleared and the receiver is in learn mode one.

<table>
<thead>
<tr>
<th>PART</th>
<th>ACTION</th>
<th>RESULT</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Enter Learn Mode 1</td>
<td><img src="image1.png" alt="Image of Learn Mode 1 action" /></td>
<td><img src="image2.png" alt="Image of Learn Mode 1 result" /></td>
</tr>
<tr>
<td>B</td>
<td>Select Learn Mode</td>
<td><img src="image3.png" alt="Image of Learn Mode 2 action" /></td>
<td><img src="image4.png" alt="Image of Learn Mode 2 result" /></td>
</tr>
<tr>
<td>C</td>
<td>Learn Transmitter</td>
<td>Press “Teach” button ONCE</td>
<td><img src="image5.png" alt="Image of Transmitter learn result" /></td>
</tr>
<tr>
<td>D</td>
<td>Exit Configuration</td>
<td>Wait 30 SEC or press LRN 2 Sec, Release</td>
<td><img src="image6.png" alt="Image of Configuration result" /></td>
</tr>
</tbody>
</table>

**STEP 3: (Optional) Activate Other Features**

<table>
<thead>
<tr>
<th>PART</th>
<th>ACTION</th>
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<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Turn power to dimmer off</td>
<td><img src="image7.png" alt="Image of Dimmer OFF action" /></td>
<td><img src="image8.png" alt="Image of Dimmer OFF result" /></td>
</tr>
<tr>
<td>B</td>
<td>Press and hold CLR</td>
<td><img src="image9.png" alt="Image of Dimmer ON action" /></td>
<td><img src="image10.png" alt="Image of Dimmer ON result" /></td>
</tr>
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Antenna Skin

In order to maximize radio performance and keep the antenna away from metal, an antenna skin has been provided with this product.

To install the antenna skin:

Insert the antenna into the open end of the antenna skin as shown in Figure 1.

Insert the antenna skin into the enclose as shown in Figure 2.