Testing your Dimmer prior to mounting in wall box:

1. Mount Dimmer:
   - Carefully cut a hole in your wall plate using the template or follow the instructions provided by the manufacturer.
   - Carefully remove the wall plate and cover plate from the Dimmer.

   LED Brightness Displays:

   DB2210 bar:
   - BRIGHT:
     • Turn the half of the Dimming Bar Bar to the right until the LED will flash green.  
     • The Locater LED will quick flash red and green, then turn off.
     • Tap the top of the paddle one time.
     • The Locater LED will quickly flash green.
     • The Decora Smart Z-Wave device is ready to link into the Z-Wave network.
   - Traditional Inclusion:
     • Follow directions in the Z-Wave controller to complete the adding process.
     • Upon successful addition to the network the LED will turn on and blink green 3 times.
     • If the adding process is not successful the Locater LED will flash red 3 times.

2. Restore Power:
   - After the first 7 seconds the LED turns amber.
   - Tap the top of the paddle 3 times.
   - The Decora Smart Z-Wave device will quick flash amber and green.
   - Tap the top of the paddle one time.
   - The Locater LED will quickly flash green.
   - Data Entry:
     • After the first 7 seconds the LED turns amber.
     • Enter Programming Mode by holding the top of the paddle for 7 seconds.
     • The Locater LED will blink amber.
     • Tap the top of the paddle one time.
     • The Locater LED will quickly flash green.

3. Dimmer Mounting:
   - Vary the dimmer in a 3-way application, the lights will turn on at brightness set on dimmer’s DIMMING BAR. The dimmer can be controlled from either the dimmer, the remote location or a Wall Switch enabled controller.

   Rocker (Default settings):
   • Turn ON from OFF position: Tap TOP of Rocker. Lights turn OFF.
   • Turn OFF from ON position: Tap BOTTOM of Rocker. Lights turn ON to present level.

   DB2210 Bar:
   • After the first 7 seconds the LED turns amber.
   • Use the dimming bar to adjust the maximum dim level.
   • Press pad until locator light is OFF. Lights should turn ON. 
   • The Locator LED will quickly flash green.
   • The Decora Smart Z-Wave device will exclude the Decora Smart device.
   • The Decora Smart Z-Wave controller will confirm successful exclusion from the Z-Wave network.

   MINIMUM / MAXIMUM DIM LEVELS:
   - Leviton Decora Smart™ Z-Wave™ devices have the ability to alter the minimum dim level to increase compatibility with LED bulbs and to set the maximum brightness to save energy.

   To change minimum dim level:
   • Enter Programming Mode by holding the top of the paddle for 7 seconds.
   • The Decora Smart Z-Wave controller will begin to pair with the Decora Smart Z-Wave device.
   - Locater LED:
     • The Locater LED will quickly flash red and green.
   • The Locater LED will quick flash red and green.
   • Tap the top of the paddle one time.
   • The Locater LED will flash.
   - Minimum Level:
     • Enter Programming Mode by holding the top of the paddle for 7 seconds.
     • The Locater LED will quickly flash red and green.
     • The Locater LED will quickly flash red and green.
   - Maximum Level:
     • Enter Programming Mode by holding the top of the paddle for 7 seconds.
     • The Locater LED will quickly flash red and green.
     • The Locater LED will quick flash red and green.
   • The Locater LED will quick flash red and green.

   FAIL-OFF Time:
   - Leviton Decora Smart™ Z-Wave™ devices have a locator LED on the bottom of the paddle. The operation of the LED can be changed.

   Style Mode:
   • On when the load is On:
   - Leviton Decora Smart™ Z-Wave™ devices have the ability to show the current state of the load.
   • Off when the load is Off:
   - Enter Programming Mode by holding the top of the paddle for 7 seconds. Once the Locater LED will off and the Locater LED will turn on.

   LED OFF:
   • Leviton Decora Smart™ Z-Wave™ devices have the ability to show the current state of the load.
   - Enter Programming Mode by holding the top of the paddle for 7 seconds. Once the Locater LED will off and the Locater LED will turn on.

   FACTORY DEFAULT:
   • When removing a device from a Z-Wave network best practice is to use a Z-Wave Plus™ controller.
   - Enter Programming Mode by holding the top of the paddle for 7 seconds.
   • The Locater LED will quickly flash green and amber.
   • Tap the top of the paddle one time.
   • The Locater LED will quickly flash green.
   • The Decora Smart Z-Wave device will begin to pair with the Decora Smart Z-Wave device.
   • The Decora Smart Z-Wave controller will confirm successful exclusion from the Z-Wave network.

   Z-WAVE® ASSOCIATIONS:

   • Z-WAVE® PLUS INFO
   • ASSOCIATION
   • ASSOCIATION
   • ASSOCIATION

   ADVANCED OPTIONS:
   • Leviton Decora Smart™ Z-Wave™ devices are configurable through the paddle as well as over the Z-Wave network. Competible Z-Wave™ controllers will provide support for additional advanced options. Consult your Z-Wave controller for configuration for compatibility with advanced feature support.

   FAIL-OFF Time:
   • Minimum Level:
     • Parameter No: 5, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
   • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
   • Prompt Light Level:
     • Parameter No: 5, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Memory Dim
     • Maximum: 1 - Full Load
   • Minimum Level:
     • Parameter No: 5, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
   • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
   • Minimum Level:
     • Parameter No: 5, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
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     • Maximum Level:
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     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
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     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
     • Parameter No: 4, Length: 1 Byte
     • Valid Values: ≥ 253 (0xFF) – Max 254
     • Minimum: 0 - Instant Off
     • Maximum Level:
**WARNINGS AND CAUTIONS**

- **AVOID FIRE, SHOCK, OR DEATH:** TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!
- **AVOID FIRE, PERSONAL INJURY OR PROPERTY DAMAGE, DO NOT install to control a receptacle, a motor, or a transformer operated appliance.
- **To be installed and/or used in accordance with electrical codes and regulations.
- **If you are unsure about any of these instructions, consult an electrician.
- **Use with incandescent, or 120V halogen fixtures only. Use a Leviton electronic low voltage dimmer to control electronic (solid state) low voltage transformers.
- **The Decora® DZ6HD dimmer is not compatible with standard 3-way or 4-way switches. It must be used with up to 4 Decora® Digital DCC05-2L remote for multi-location dimming.
- **Maximum wire length from dimmer to all installed remotes cannot exceed 300 ft.
- **Save the instruction sheet. It contains important technical data along with testing and troubleshooting information which will be helpful after installation is complete.

**INTRODUCTION**

Lutron’s Decora® Smart Z-Wave™ Dimmers are designed to communicate with each other via Radio Frequency (RF) to provide remote control of your lighting. In a Z-Wave® network, each device is designed to act as a router. These routers in turn transmit the RF signal from one device to another until the intended device is reached. This ensures that the signal travels in a straight line until the intended device by routing the signal around obstacles and radio dead spots. This dimmer is compatible with any Z-Wave® enabled network, regardless of the manufacturer and can also be used with other devices displaying the Z-Wave® logo.

**WARNING:** TO AVOID FIRE, PERSONAL INJURY OR DEATH DO NOT USE the remote for the control of high power heating appliances such as portable heaters. There can be some unexpected consequences if not used with care. For example, an empty coffee pot could be remotely turned on. It should happen, your coffee pot could be damaged from overheating. If an electric heater is not remote control while clothing is draped over it, a fire could result. This device will not control that which is used with electronic low voltage and high frequency power supply transformers, nor high pressure discharge lighting (HPL). This includes mercury vapor, sodium vapor and metal halide lamps.

Decora® Smart™ devices are ideal for living rooms, bedrooms, kitchens, dining rooms, home offices, outdoor lighting or anywhere full control of lighting is desired.

**FEATURES**

- **Z-Wave® Plus™ Certification**
- **Increased communication range**
- **Network Wide Compatibility**
- **Support for beaconing and secure commands**
- **Over The Air (OTA) Updates**
- **Compliant with Leviton via Z-Way™ systems**
- **Soft keys ON/OFF**
- **ON/OFF LED and Brightness level LED**
- **Three way control**
- **Ease of installation – No new wiring**

**RATINGS**

- **Incandescent** - 120V, 60Hz
- **LED/CFL**

**TOOLS NEEDED TO INSTALL YOUR DIMMER**

- Phillips Screwdriver
- Electrical Tape
- Cutters
- Ruler
- Pencil

**INSTALLING YOUR DIMMER**

- **NOTE:** Use check boxes when Step 4 is completed.

**TO AVOID FIRE, PERSONAL INJURY OR DEATH, TURN OFF POWER at circuit breaker or fuse and test that power is off before wiring!**

If installing the device in a single device application, proceed with the installing your dimmer section. If installing Dimmer with other Dimmers or with other Devices, follow the steps for Multi-Device Application.

**MULTI-DEVICE APPLICATION**

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

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

For non-standard wiring applications, refer to installing wire connector and conductor size chart (1.6 cm)

**TOOL KIT**

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

**INSTALLING YOUR DIMMER SECTION**

- **NOTE:** If installing a dimmer in a single device application, proceed with the installing your dimmer section. If installing Dimmer with other Dimmers or with other Devices, follow the steps for Multi-Device Application.

**WIRE CONNECTOR / # OF COND.**

<table>
<thead>
<tr>
<th>Single Pole</th>
<th>Line</th>
<th>Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>#14-12 AWG</td>
<td>#14</td>
<td>#12</td>
</tr>
</tbody>
</table>

**3-WAY APPLICATION**

1. **Single Pole**
2. **Load**
3. **Ground**
4. **Load**

**NOTE:** If installing a dimmer in a single device application, proceed with the installing your dimmer section. If installing Dimmer with other Dimmers or with other Devices, follow the steps for Multi-Device Application.

**FCC COMPLIANCE STATEMENT**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference which may cause undesired operation of this device. 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 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.

**IC COMPLIANCE STATEMENT**

This device complies with Industry Canada licence-exempt RSS standards. Operation is subject to the following two conditions: (1) this device may not cause interference and (2) this device must accept any interference which may cause undesired operation of the device.
ARTWORK PRINT SPECIFICATIONS

PART NUMBER: DI-000-DZ6HD-02A-X4
REV: 
DESCRIPTION: Instruction Sheet

SPECIFICATIONS:

- **Thickness:** 40 lb.
- **Material:**
- **Finish:**
- **Line Screen:**
- **Angle:**
- **Resolution:**

For manuals - designates cover specifications

- **Color s:** 1 over 1
  - 1: Black
  - 2: 
  - 3: 
  - 4: 
- **Fonts:**
  - 1: Helvetica
  - 2: Scene
  - 3: 
  - 4: 

MANUAL INTERIORS / BINDERY / FOLD SCHEME:

- **Body Material:**
  - **Thickness:**
- **Bindery**
  - Die cut
  - Fold
  - Saddle Stitch
- **Perfect Bind**
- **Drill**
- **Trim**

PROCESS:

- **Offset**
- **Flexo**
- **Other**
- **Line Screen:**
- **Angle:**
- **Resolution:**

OPTIONS:

- **Die Line Key:**
- **Fold Line**
- **Die Cut**
- **Punch/Drill Hole**

DIMENSIONS / FOLD SCHEME / BINDERY DIAGRAM:

- **Part No.**
- **4.33””**
- **5.5”**

COMMENTS:

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- **Approvals:**
  - Plant: 08
  - J. Tang
  - COA: 
  - PM: T. Morgan
  - Mktg: 
  - Eng: R. Guminia
  - S & A: F. Tse
  - Cust: 
  - Other: V. LoNigro
  - Other: G. Molaro

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