**Monet™**

Single Pole (One location) or 3-Way (Multi-location) plus Scene Capabilities

120VAC, 60Hz

Total minimum wattage must exceed 60VA

**Magnetic Low-Voltage**

Cat. No. MNM6-1L, 600VA (Lighted)
Cat. No. MNM10-1L, 1000VA (Lighted)
Cat. No. MNM15-1L, 1500VA (Lighted)

For use w/ Cat. No. MNDR-1 + Monet™ Remote

**INSTALLATION INSTRUCTIONS**

**WARNING:**

TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.

**CAUTION:**

1. When using a 1000VA DIMMER in a single gang plastic box only, derate dimmer to 1400VA.
2. FOR 3-WAY APPLICATIONS, USE ONLY ONE (1) DIMMER PER LOAD. FOR REMOTE OPERATION, USE CAT. NO. MNDR-1.

**MAGNETIC LOW-VOLTAGE MOUNTING STRAP**

Installations using any Leviton Decora® style strap-mounted devices.

**FEATURES**

- Leviton Decora® style design
- Scene Capabilities
- Square Law Dimming
- Can gang with any Leviton Decora® style strap-mounted devices
- ON/OFF LED indicates status of load
- Hidden air-gap switch

**INTRODUCTION**

The Monet™ Dimmer is the premier model in Leviton’s line of Architectural Specification Multi-Location Dimmers. The Monet™ is ideal for any application where a subtle design plays a critical role, such as in museums, galleries, and elegant dining rooms. The low-profile architectural trim design provides Monet™ with a flush-to-wall fit. The slider and cover feature smooth angles that won’t create distracting shadows, with a gold trim to ensure minimum light reflection. Monet™ also features a soft green locator light that illuminates when the dimmer is OFF.

Monet™ digital circuitry provides single-pole dimming and multi-location three-way switching plus scene lighting control capability for up to 13 programmable lighting scenes. Monet™ also provides gentle Fade-to-OFF, Fade-to-OFF switching for eye-pleasing comfort and convenience.

**WALLPLATE INSTALLATION / REMOVAL**

- Adapter plates (Cat. No. MNM5A or MNM8A) available for multi-gang gang installations when all inside fins are removed.
- The fins on the dimmers have special break off points that allow removal of partial fin sections for ganging. Use pliers to carefully bend fin side sections back and forth until they break off.
- Note: The fins on the dimmers have special break off points that allow removal of partial fin sections for ganging. Use pliers to carefully bend fin side sections back and forth until they break off. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is only obligation is to correct such defects by repair or replacement, at its option, if within such two year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., At: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2501 (In Canada send to Leviton Mfg. of Canada Ltd., 165 Hymus Blvd., Point Claire, Ontario, Canada H9R 1E9). This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade.

**INSTALLATION INSTRUCTIONS**

**WARNING:**

TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO THIS DEVICE AND OTHER EQUIPMENT, USE WITH MAGNETIC LOW-VOLTAGE TRANSFORMERS, INCANDESCENT, OR 120V HALOGEN FIXTURES ONLY. USE A TRANSFORMER THAT INCORPORATES THERMAL PROTECTION OR A FUSE AT THE PRIMARY WINDINGS.

**OTHER CAUTIONS:**

1. WHEN USING A 1500VA DIMMER IN A SINGLE GANG PLASTIC BOX ONLY, DERATE DIMMER TO 1400VA.
2. WHEN USING 1000VA DIMMER IN A SINGLE GANG PLASTIC BOX ONLY, DERATE DIMMER TO 1400VA.
3. DISCONNECT POWER WHEN SERVICING FIXTURE OR CHANGING LAMPS.
4. USE THIS DEVICE ONLY WITH COPPER OR COPPER CLAD WIRE. WITH ALUMINUM WIRE USE ONLY DEVICES MARKED CO/ALR OR CU/AL.

**LIMITED 2 YEAR WARRANTY AND EXCLUSIONS**

This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is only obligation is to correct such defects by repair or replacement, at its option, if within such two year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Mfg. of Canada Ltd., 165 Hymus Blvd., Point Claire, Ontario, Canada H9R 1E9. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade. This warranty is void if this product is installed improperly or in an improper environment, overloaded, insulted, spilled, abused, altered in any manner, or is not used under normal operating conditions or in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness for a particular purpose, any implied warranties arising from course of dealing or usage of trade.

For Technical Assistance Call:

1-800-824-3005 (U.S.A. Only)
1-800-405-5320 (Canada Only)

www.leviton.com

**TABLE 1 – OUTLET BOX REQUIREMENTS**

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Wide</th>
<th>Narrow</th>
</tr>
</thead>
<tbody>
<tr>
<td>120VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>150VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>180VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>240VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>300VAC</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

**TABLE 2 – OUTLET BOX REQUIREMENTS**

<table>
<thead>
<tr>
<th>Dimmers</th>
<th>Wide</th>
<th>Narrow</th>
</tr>
</thead>
<tbody>
<tr>
<td>120VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>150VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>180VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>240VAC</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>300VAC</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

**TABLE 3 – MAXIMUM LOAD PER DIMMER**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Single</th>
<th>Two Gang</th>
<th>More than 2 Gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>MNM6-1</td>
<td>500VA</td>
<td>500VA</td>
<td>450VA</td>
</tr>
<tr>
<td>MNM10-1</td>
<td>800VA</td>
<td>800VA</td>
<td>700VA</td>
</tr>
<tr>
<td>MNM15-1</td>
<td>1250VA</td>
<td>1250VA</td>
<td>1000VA</td>
</tr>
<tr>
<td>MNM15-2</td>
<td>1500VA</td>
<td>1500VA</td>
<td>1200VA</td>
</tr>
<tr>
<td>MNM15-3</td>
<td>1800VA</td>
<td>1800VA</td>
<td>1500VA</td>
</tr>
</tbody>
</table>

12/23/99, 4:11:12 PM
The side sections dissipate heat, so removing them requires a derating of the dimmer’s capacity (see Table 3).

### 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 efficiencies will vary from different manufacturers; consider 75% efficient as average. Use the chart to determine maximum bulb wattage for typical transformer efficiency ratings.

<table>
<thead>
<tr>
<th>Rating</th>
<th>Single</th>
<th>Two Gang</th>
<th>More Than 2 Gang</th>
</tr>
</thead>
<tbody>
<tr>
<td>600VA</td>
<td>450W</td>
<td>375W</td>
<td>300W</td>
</tr>
<tr>
<td>1000VA</td>
<td>750W</td>
<td>600W</td>
<td>525W</td>
</tr>
<tr>
<td>1500VA</td>
<td>1125W</td>
<td>940W</td>
<td>750W</td>
</tr>
</tbody>
</table>

### To Install

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 wallplate and switch or dimmer, if applicable.
3. Remove 3/4” (1.9 cm) of insulation from each circuit conductor. Make sure the ends of wires are straight.
4. Connect lead wires per appropriate wiring diagram as follows: **Warning**: Connect a magnetic low-voltage dimmer only to the primary (high-voltage) side of a magnetic low-voltage transformer. Twist strands of each lead tightly and, with circuit conductors push firmly into appropriate wire connectors. Screw connectors on clockwise making sure that no bare conductor shows below the wire connectors. Secure each connector with electrical tape.

   - **NOTE**: For single pole applications, cap one YELLOW lead with an appropriate size wire connector. Secure connector with electrical tape.
5. Carefully position all wires to provide room in outlet box for dimmer. Mount dimmer into box with mounting screws supplied with the light bar, facing up (see Figure 1).
6. **NOTE**: Ensure that dimmer is mounted vertically for proper heat dissipation.
7. Snap Monet™ Decora™ wallplate on over heat sink (see Figure 3). (Optional and available for multi-gang installations.)
8. Restore power at circuit breaker or fuse. Installation is complete.

### To Program

Programming scenes occur at the scene controller for this dimmer. If programming is required, refer to scene controller’s instruction sheets.

### ON/OFF

- Depress the slider. Each time the slider is depressed, the state of the lights will toggle between on and off.
- When the lights turn on, the lights will Fade-to-ON to the level of their previous state, and the GREEN light bar will turn off. When the lights turn off, the GREEN light bar will flash indicating that the slider has been depressed and power to the fixture is off. After service is completed, push slider in and up to restore power for normal operation.

### Dim/Bright

- Move the slider up or down. The lights will brighten or dim respectively to the level set.
- **Power Interruption**: If a Power Interruption occurs while the lights are ON, when power is restored, the lights will brighten to the level that is set on the slider. If a Power Interruption occurs while the lights are OFF, when power is restored, the lights will stay OFF.

### Troubleshooting

- **Light does not turn on and ON/OFF LED does not turn on**
  - Circuit breaker or fuse has tripped.
  - Lamp is burned out.
  - Lamp is not connected to line Neutral.
  - Lamp switch, if any, is OFF.
- **Dimmer does not operate**
  - Dimmer BLACK wire is reversed and dimmer BLUE wire is reversed to LINE Hot.
- **Lights flickering**
  - Lamp has a bad connection.
  - Lamp power is less than 60VA.
  - Wires not secured firmly with wire connectors.

### Diagrams

- **Wiring Diagram 1**: Single Location Control Application
- **Wiring Diagram 2**: Two Location Control Application
- **Wiring Diagram 3**: Three Location Control Application