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 dimmer design plays a critical role, such as museums, galleries and elegant dining rooms. The low profile architectural fin design provides Monet™ with a flush-to-wall fit. The slider and cover plate feature smooth angles that won't create distracting shadows, with a matte finish 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. Monet™ also provides gentle Fade-to-ON and Fade-to-OFF switching for eye-pleasing comfort and extended bulb life.

INSTALLATION INSTRUCTIONS

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 received, including interference that may cause undesired operation.

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

WARNING: IF YOU ARE NOT FAMILIAR WITH ELECTRICAL WIRING, CONSULT A QUALIFIED ELECTRICIAN.

WARNING: TO REDUCE THE RISK OF OVERHEATING AND POSSIBLE DAMAGE TO THE DEVICE AND OTHER EQUIPMENT, USE ONLY WITH THE APPROPRIATE ADVANCE TRANSFORMER MARK 10™ POWERLINE 277V ELECTRONIC DIMMING BALLASTS FOR CONTROLLING THE SPECIFIC FLUORESCENT LAMPS.

OTHER CAUTIONS:

1. FOR 3-WAY APPLICATIONS, USE ONLY ONE (1) DIMMER PER LOAD. FOR REMOTE OPERATION, USE CAT. NO. MN3R REMOTE. DO NOT USE A 3-WAY SWITCH.

2. BOTH LIGHTING FIXTURE AND DIMMER MUST BE GROUNDED.

3. DISCONNECT POWER WHEN SERVICING FIXTURE OR CHANGING LIGHT BULBS.

4. USE THIS DEVICE ONLY WITH COPPER OR COPPER CLAD WIRE. WITH ALUMINUM WIRE, USE ONLY DEVICES MARKED CO/AL OR C/AL.

MULTI-GANG INSTALLATION:

- **DO NOT GANG DIMMERS VERTICALLY (ONE DIRECTLY ABOVE ANOTHER).**
- It is recommended that these dimmers be installed without breaking off fins whenever possible so that no derating is necessary, even when ganging. If the installation requires breaking off fins for space requirements, derating is required.

- When ganging a combination of narrow and wide dimmers, all narrow dimmers are required to be at one end of the gang, and all wide dimmers are required to be at the other end of the gang if ordering custom wallplates.

- Adapter plates (Cat. No. MNLA or MNLS) are available for multi-gang installations using any Leviton Decora® style strap-mounted device.

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 (see Table 1). These sections should only be removed at the break-off points to permit proper ventilation. Do not remove side sections on extreme ends of the gang.

- No Fins Broken Off:

  Refer to Table 1 for the size and number of outlet boxes required for multi-gang installations.

  A multi-gang modular box or a multi-gang switch box with a raised cover are recommended for easy installation. However, standard outlet boxes will work. No derating is necessary.

  EXAMPLE: 3 Narrow Dimmers / No Wide Dimmers – 5 Gang Outlet Box (note mounting holes).

- Fins Broken Off:

  Refer to Table 2 for the size and number of outlet boxes required for multi-gang installations when all inside fins are removed.

  The side sections dissipate heat, so removing them requires a derating of the dimmer's capacity (see Table 3).

  EXAMPLE: 3 Narrow Dimmers / No Wide Dimmers – 3 Gang Outlet Box (note inside fins removed).

  MAXIMUM BULB WATTAGE: Advance Transformer Mark 10™ Powerline dimmers are rated in Volt-Amps (VA). The maximum bulb wattage is determined by the efficiency of the Advance Transformer Mark 10™ Powerline ballast. Tables 4 & 5 show the maximum number of ballasts that can be connected to a single dimmer for different Advance Transformer Mark 10™ Powerline ballasts. Also, note that the tables show maximum ballasts for multi-gang installations.

  NOTE: For multiple ballasts on one dimmer, use only the same model ballast.
Table 4: Transformer 277V Mark 10™ Powerline Dimmable Ballasts

<table>
<thead>
<tr>
<th>Mark 7™ Part No.</th>
<th>Lamp</th>
<th>Max. # Ballasts/Dimmer for Multigang</th>
</tr>
</thead>
<tbody>
<tr>
<td>VS-1T130</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>VS-1T132</td>
<td>65</td>
<td>25</td>
</tr>
<tr>
<td>VS-2T426</td>
<td>34</td>
<td>14</td>
</tr>
<tr>
<td>VS-2T347</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>VS-2T348</td>
<td>20</td>
<td>10</td>
</tr>
</tbody>
</table>

Table 5: Transformer 277V Mark 10™ Powerline Dimmable Ballasts

<table>
<thead>
<tr>
<th>Powerline</th>
<th>Single Gang</th>
<th>Two Ganged</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Gang</td>
<td>50</td>
<td>20</td>
</tr>
<tr>
<td>Two Ganged</td>
<td>65</td>
<td>25</td>
</tr>
<tr>
<td>Multi-gang</td>
<td>10</td>
<td>5</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 load leads per appropriate wiring diagram as follows: Twist strands of each lead tightly, and with circuit conductors, push firmly into appropriate wire connector. Screw connectors on clockwise ensuring that no bare conductor shows below the wire connectors. Secure each 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.
6. Snap on wallplate and switch, if applicable.
7. Restore power at circuit breaker or fuse. Installation is complete.

To operate:
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 OFF to the level of its 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 the lights will Fade-to-OFF. When lights are completely OFF, the GREEN light bar will then turn ON to facilitate access to the dimmer in the dark.

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
- Ballast is not connected to line Neutral.
- Inverted ballast used.
- Air-gap switch is open.
- Lamp switch, if any, is OFF.

- Dimmer does not operate
  - Dimmer BLACK wire miswired to ballast and dimmer BLUE wire miswired to LINE Hot.
- Light flickers
  - Lamp has a bad connection.
- Wires not secured firmly with wire connectors.