## INSTALLATION INSTRUCTIONS

### WARNINGS AND CAUTIONS:
- To be installed and/or used in accordance with appropriate electrical codes and regulations.
- Use only one (1) Leviton electronic countdown timer switch in a multi-location circuit with up to 9 coordinating remote switches without LEDs or up to 4 matching remote switches with LEDs.
- Maximum wire length from timer switch to all installed remote switches cannot exceed 300 ft (90 m).
- Use this device only with copper or copper clad wire only.

### TOOLS NEEDED TO INSTALL YOUR TIMER SWITCH

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

### INSTALLATION INSTRUCTIONS

#### WARNING:
- Disconnect power at circuit breaker or fuse before servicing, installing or removing fixture.
- For 3-Way Coordinating Remote Switch (no LEDs) Application, go to Step 4a.
- For 3-Way Matching Remote Switch (with LEDs) Application, go to Step 4c.

### Step 1
- **WARNING:** Avoid fire shock or death; turn off before wiring!
- **NOTE:** Use check boxes 'V' when Steps are completed.

### Step 2
- **NOTE:** If wiring in your wall box does not resemble any of these configurations, consult an electrician.

#### Step 3
- **NOTE:** Make sure that the ends of the wires from the wall box are straight (cut if necessary).
- **NOTE:** Remove insulation from each wire in the wall box as shown.

#### Step 4a cont’d
- **NOTE:** For 3-Way applications, note that one of the screw terminals from the old switch being removed will usually be a different color (Black) or labeled Common. Tag that wire with electrical tape and identify as the common (Line or Load) in both the switch wall box and remote wall box.

### MAXIMUM LOAD PER TIMER FOR MULTI-DEVICE INSTALLATIONS

<table>
<thead>
<tr>
<th>Load</th>
<th>Single</th>
<th>Two Devices</th>
<th>More than 2 Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Load</td>
<td>2-1HP</td>
<td>1-1HP</td>
<td>1-1HP</td>
</tr>
<tr>
<td>Incandescent Load</td>
<td>1-160W</td>
<td>2-160W</td>
<td>2-160W</td>
</tr>
<tr>
<td>Inductive Load</td>
<td>1-16A</td>
<td>1-16A</td>
<td>2-16A</td>
</tr>
<tr>
<td>Motor Load</td>
<td>1-1HP</td>
<td>1-1HP</td>
<td>1-1HP</td>
</tr>
</tbody>
</table>

### WIRING TIMER SWITCH:

- **NOTE:** For non-standard wiring applications, refer to Wire Nut and Connector Size Chart.
- **NOTE:** Use check boxes 'V' when Steps are completed.
- **NOTE:** For Single-Pole Application, go to Step 4a.
- **NOTE:** For 3-Way Coordinating Remote Switch (no LEDs) Application, go to Step 4b.
- **NOTE:** For 3-Way Matching Remote Switch (with LEDs) Application, go to Step 4c.
- **NOTE:** White or bare copper wire in wall box to Green lead.
- **NOTE:** Load wall box wire to Black lead.
- **NOTE:** Neutral wall box wire to White lead.
- **NOTE:** Timer Switch Yellow/Red lead should have Red insulation label affixed. Proceed to Step 5.

### Step 4b cont’d
- **NOTE:** Rotate 'BK' and 'RD' terminals on coordinating remote switch are unused. Tighten both screws.
- **NOTE:** Maximum wire length from timer switch to last remote switch is 300 ft (90 m).
- **NOTE:** Yellow/Red lead should have Red insulation label affixed. Proceed to Step 5.

### Wiring Diagrams

- **Diagram 1:** Single Pole Wiring Application
- **Diagram 2:** 3-Way Wiring with Vizia + Coordinating Remote Switch (no LED) Application
- **Diagram 3:** 3-Way Wiring with Vizia + Coordinating Remote Switch (with LED) Application
- **Diagram 4:** Coordinating Remote Switch (no LED) Timer Switch
- **Diagram 5:** Coordinating Remote Switch (with LED) Timer Switch
Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, if the product is returned to Leviton. If the product is repaired, the repair may require the substitution of parts, or components for the product or any part thereof.

Leviton's only obligation is to correct such defects by repair or replacement, if the product is returned to Leviton. If the product is repaired, the repair may require the substitution of parts, or components for the product or any part thereof.

The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

**NOTE:**
- Green or bare copper wire in wall box to Ground terminal.
- Load is wired to the remote switch.
- Neutral connection is not wired.

**OPERATION**

1. To turn the load ON press one of the timer buttons. The green LED adjacent to that button will illuminate and the timer will begin to countdown for the selected timer period.
2. To select a different countdown timer press the button corresponding to the desired time. The LED adjacent to that button will illuminate and the timer will begin countdown from the new selection.
3. To turn the load OFF press the OFF button or wait until the selected amount of time has passed. The LED adjacent to each button will extinguish as time passes to the next preset level.

**Timer Override**

To override the Timer countdown hold down the top button for several seconds. The LED will turn amber to indicate the EXTENDED ON state. In this state the timer will automatically turn OFF after 24 hours. To exit the EXTENDED ON state press any of the timer buttons or the OFF switch.

**ADVANCED PROGRAMMING FEATURE**

**Timer Select Mode** - You can change the times on your timer without buying a new device!
Your timer can be programmed to function as any of the timers in the table below:

<table>
<thead>
<tr>
<th>Timer Switch Number</th>
<th>Buttons</th>
<th>Time Outs</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTB02</td>
<td>1, 2</td>
<td>15m, 30m, 1hr, 2hr</td>
</tr>
<tr>
<td>LTB12</td>
<td>1, 2</td>
<td>2, 4, 8, 12 hours</td>
</tr>
<tr>
<td>LT80</td>
<td>2</td>
<td>10, 20, 30, 60 minutes</td>
</tr>
<tr>
<td>LT83</td>
<td>3</td>
<td>5, 10, 15, 30 minutes</td>
</tr>
<tr>
<td>LT815</td>
<td>4, 5</td>
<td>2, 5, 10, 15 minutes</td>
</tr>
</tbody>
</table>

**NOTE:**
- If you change the ON times of your timer the printed face will no longer match the ON times. A timer change kit should be purchased to alleviate this situation.
- To select different times please follow the subsequent steps:
  1. Press and hold the 1st and 3rd timer buttons to enter Select Timer Mode.
  2. Select Active Timer LED will flash green to indicate the device is in Select Timer Mode.
  3. Press the button (from the table above) corresponding to the time you desire.
  4. The new Timer button will briefly flash to demonstrate the timer mode chosen.
  5. Pressing the OFF button will save programming and exit programming mode. The timer will also exit programming mode automatically if no buttons are pressed for 3 minutes.

**Multi-Location Control**

The Timer can be turned ON or OFF from any of the Vizia ® Remote Switch locations. The default ON time when a remote is pressed to turn the load ON will be the last countdown time chosen. The timer can be controlled from up to 10 locations using Vizia + Coordinating Remote Switches or up to 5 locations using Vizia + Matching Remote Switches.

**TROUBLESHOOTING**

- **Intermittent Operation**
  - Load has a bad connection.
  - Wire not secured firmly to leads of timer switch and/or remote switch.
- **Load does not turn ON and Locater LED does not turn ON**
  - Circuit breaker or fuse has tripped.
  - Load is burned out.
  - Neutral connection is not wired.
- **Remote does not operate load**
  - Ensure that total wire length does not exceed 300 ft (90 m).
  - Ensure that a neutral wire is used with matching remote switches.

**FOR ADDITIONAL INFORMATION, contact Leviton's Techline at 1-800-824-2005 or visit Leviton's website at www.leviton.com**

Covered by one or more US & Foreign Patents and patents pending.

© 2009 Leviton Manufacturing Co., Inc.

All Rights Including Trademark Rights Reserved.