



## TOGGLE TOUCH™

Single Pole (One location) or  
3-Way (Multi-location)

120VAC, 60Hz

### Incandescent

Cat. No. TGI06-10, 600W

Cat. No. TGI06-1L, 600W (Lighted)

Cat. No. TGI10-1L, 1000W (Lighted)

### Magnetic Low-Voltage

Cat. No. TGM10-1L, 1000VA (Lighted)

**Total minimum wattage must  
exceed 40W and 40VA**

## INSTALLATION INSTRUCTIONS

PK-92952-10-00-0A

### LIMITED 2 YEAR WARRANTY AND EXCLUSIONS

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 two years from the purchase date. Leviton's 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., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591 (In Canada send to Leviton Mfg. of Canada Ltd., 165 Hymus Blvd., Point Claire, Quebec, Canada H9R 1E9)**. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to two years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

**For Technical Assistance Call:**  
1-800-824-3005 (U.S.A Only)  
1 800 405-5320 (Canada Only)  
www.leviton.com

PK-92952-10-00-0A

## FEATURES

- Conventional Toggle styling
- Individual touch plates - simplify Dimming adjustments
- Simple adjustment of DIM level - 'just a touch'
- Soft Fade ON
- Maintains DIM level when turned OFF
- Fits standard wallbox

## FCC COMPLIANCE STATEMENT

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

## INSTALLATION INSTRUCTIONS

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

**WARNING:** IF YOU ARE NOT SURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONSULT A QUALIFIED ELECTRICIAN.

**CAUTION (For Incandescent Only):** USE WITH INCANDESCENT OR 120V HALOGEN FIXTURES ONLY.

**CAUTION (For Magnetic Low-Voltage Only):**

1. USE WITH MAGNETIC LOW-VOLTAGE TRANSFORMERS, INCANDESCENT, OR 120V HALOGEN FIXTURES ONLY. USE A LEVITON ELECTRONIC LOW-VOLTAGE DIMMER TO CONTROL ELECTRONIC (SOLID STATE) LOW-VOLTAGE TRANSFORMERS.
2. WHEN A MAGNETIC LOW-VOLTAGE CIRCUIT IS OPERATED AT A DIM LEVEL, WITH ALL LAMPS INOPERATIVE, EXCESS CURRENT MAY FLOW THROUGH THE TRANSFORMER. TO AVOID POSSIBLE TRANSFORMER FAILURE DUE TO OVERCURRENT, USE A TRANSFORMER THAT INCORPORATES THERMAL PROTECTION OR A FUSE AT THE PRIMARY WINDINGS.

### OTHER CAUTIONS:

1. USE ONLY ONE (1) DIMMER PER LOAD. THE SWITCH(ES) WILL TURN THE LIGHT ON AT THE BRIGHTNESS LEVEL SELECTED AT THE DIMMER.
2. IN A 3-WAY APPLICATION, THE DIMMER MUST BE CONNECTED TO THE LOAD.
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.

### MULTI-GANG INSTALLATION:

When ganging dimmers, the side sections of the mounting strap must be removed. Use pliers to carefully bend side sections back and forth until they break off (see Figure 1). The side sections dissipate heat, so removing them requires a derating of the dimmer's capacity (see chart).

### MAXIMUM BULB WATTAGE (For Magnetic Low-Voltage Only):

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.

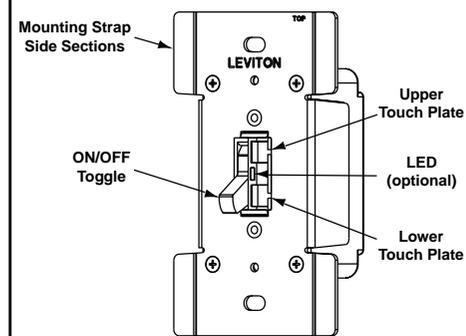
### TO INSTALL:

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 that ends of conductors 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. NOTE: Common terminal of a 3-Way Switch is usually labeled and/or BLACK.** Twist strands of each lead tightly and, with circuit conductors push firmly into appropriate wire connector. Screw connectors on clockwise

MAXIMUM LOAD PER DIMMER FOR MULTI-GANG			
Cat. No.	Single	Two Gang	More than 2 Gang
TGI06-10, TGI06-1L	600W	500W	400W
TGI10-1L	1000W	800W	700W
TGM10-1L	1000VA	800VA	700VA

MAXIMUM BULB WATTAGE AT 75% EFFICIENCY			
Rating	Single	Two Gang	More than 2 Gang
1000VA	750W	600W	525W

Figure 1 - Dimmer Functions



making sure that no bare conductor shows below the wire connectors. Secure each connector with electrical tape.

**NOTE:** For single pole applications, cap RED 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.
6. Restore power at circuit breaker or fuse. Check for proper operation by turning ON the toggle switch and pressing the upper touch plate. Verify that the lights turn ON. If lights do not turn ON, go to the Troubleshooting section. If lights turn ON and function properly (see **To Operate section**), **TURN OFF POWER** and replace wallplate.
7. Restore power at circuit breaker or fuse.  
**INSTALLATION IS COMPLETE.**

---

#### TO OPERATE:

---

**ON:** Single Pole - Operate toggle UP.  
3-Way - Operate toggle UP or DOWN until LED turns OFF.

**OFF:** Single Pole - Operate toggle DOWN.  
3-Way - Operate toggle UP or DOWN until LED turns ON.

**BRIGHTEN:** Touch and hold the UPPER touch plate of the dimmer until light intensity reaches the desired BRIGHTNESS level.

**DIM:** Touch and hold the LOWER touch plate of the dimmer until light intensity reaches the desired DIM level.

**ON/OFF LED (Lighted Version):** When Lights are ON, LED is OFF.  
When Lights are OFF, LED is ON.

**CLEANING:** To clean touch plate, wipe it with a clean damp cloth using clean water only, dry thoroughly.

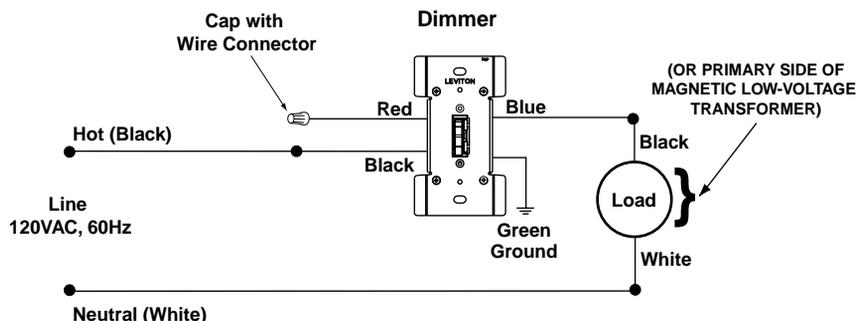
---

#### TROUBLESHOOTING

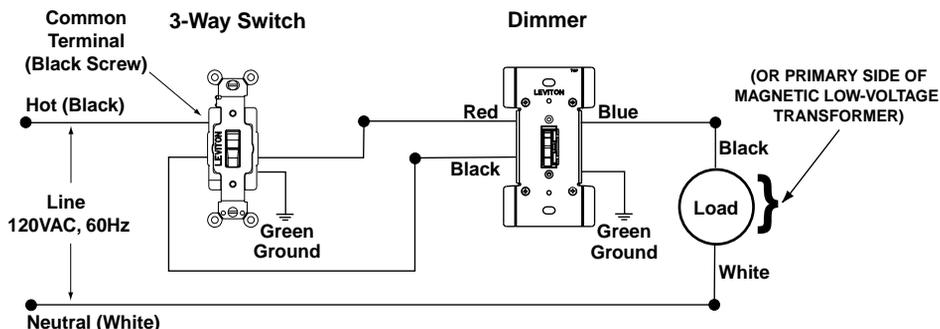
---

- 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.
- Dimmer does not operate (lights do not dim or brighten)
  - Dimmer BLACK wire miswired to lamp and Dimmer BLUE wire miswired to LINE Hot.
- Lights Flickering
  - Lamp has a bad connection.
  - Lamp power is less than 40W or 40VA.

### Wiring Diagram 1 - Single Control Application



### Wiring Diagram 2 - Two Location Control Application



### Wiring Diagram 3 - Three Location Control Application

