

INSTALLATION

English

WARNINGS AND CAUTIONS:

- TO BE INSTALLED AND/OR USED IN ACCORDANCE WITH APPROPRIATE ELECTRICAL CODES AND REGULATIONS.
- IF YOU ARE NOT SURE ABOUT ANY PART OF THESE INSTRUCTIONS, CONSULT AN ELECTRICIAN.
- Leviton SLTs are intended only **for use indoors, in dry locations**, and with permanently installed fixtures.
- Leviton SLTs should NOT be installed in locations where the units will be in close proximity to light bulbs or other sources of heat, such as above a ceiling hugger fixture, particularly with higher wattage loads. (See "Operating Temperature" on specifications table.)
- For in-wall installation, a wiring box must be used. For ceiling installation make wire connections inside a junction box. Ensure that the temperature in the ceiling box will not exceed 50 degrees C (see specifications). For best wireless signal performance install receiver in plastic box away from floor and away from metal objects.
- Read all installation steps for this option before taking any action to install SLT.
- It may be convenient to associate the SLT with all appropriate receivers prior to final installation. Step 4 explains how to associate an SLT with a receiver. Test the range of the SLT before final installation.
- Make sure the SLT is within 15 feet (4.6 meters) of the desired receiver when programming. Receivers have reduced range during programming.

DESCRIPTION:

The Switch Leg Transmitter™ (SLT) replaces wires between a switch and an electrical load with an RF control signal. The SLT senses status of photocell, timer, or manual switch master circuit to control wireless slave receiver(s).

COMPATIBLE DEVICES:

- 3-Wire Relay
- 5-Wire Relay
- Plug-in Dimmer/Relay
- Plug-in Relay
- 4-Channel Low Voltage Receiver
- Room Controller
- Thermostat
- More receivers available

TOOLS NEEDED FOR INSTALLATION:

- Pencil or ball point pen
- Wire nuts
- Electrical tape
- Screwdriver

TO INSTALL:

1. **WARNING:** TO AVOID FIRE, SHOCK, OR DEATH; **TURN OFF POWER** AT CIRCUIT BREAKER OR FUSE AND TEST THAT THE POWER IS OFF BEFORE WIRING!
2. Connect wires per wiring diagram as follows: Twist wire nuts on clockwise making sure no bare wires show. Wrap connections with electrical tape.
3. **Programming:** Restore power and **follow receiver programming instructions found in receiver installation guide.** For SLT installations, program the receiver using Rocker Mode.
4. To associate an SLT with a receiver, simply press the Teach button (labeled "TCH") on the SLT while the receiver is in the desired Learn Mode. (**See Figure A**) This sends a signal containing the unique ID of the SLT to the receiver. The receiver memorizes the ID and knows to respond to the SLT in the future. (Do not press the Teach button on the SLT multiple times while the receiver is in Learn Mode or the SLT may be accidentally deleted from or added to the receiver's memory.)
5. **Activation:** Test SLT. Once a Switch Leg Transmitter has been associated with a receiver, whenever power is provided to or removed from the SLT, the SLT transmits a wireless signal to control the receiver. (If SLT is not working, review wiring and programming instructions for both the SLT and the receiver.)
6. Stow all wires in wiring box to complete installation.
7. Restore power at circuit breaker or fuse. **Installation is complete.**

| SPECIFICATIONS | | | | |
|---------------------------|---|---------------------|---------------------|---------------------|
| | WSSLT-R10 | WSSLT-010 | WSSLT-020 | WSSLT-080 |
| Range | 50-150 feet (typical) | | | |
| Frequency | 315 MHz | | | |
| Power Supply Input Rating | 24 VAC 50/60 Hz | 120 VAC 50/60 Hz | 240 VAC 50/60 Hz | 277 VAC 50/60 Hz |
| Operating Temperature | 14° to +122°F (-10° to +50°C) | | | |
| Dimensions | 2.11 x 1.73 x 1.09 inches (54 x 44 x 28 mm) 2.61 x 1.73 x 1.09 inches (66 x 44 x 28 mm) - Threaded mount version | | | |
| Radio Certification | FCC (United States) SZV-TCM2XXC I.C. (Canada) 5713A-TCM2XXC | | | |
| Safety Approval | ETL (United States) UL244A ETL (Canada) CSAc22.2#14-05 | | | |
| Addressing | Factory set unique ID (1 of 4 billion) | | | |

NOTE: WSSLT-010 specifications apply to threaded mount version WSTLT.

Figure A

Press Teach Button

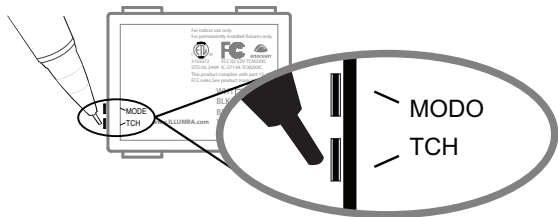
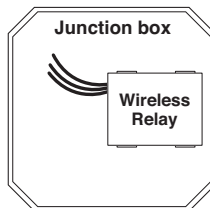
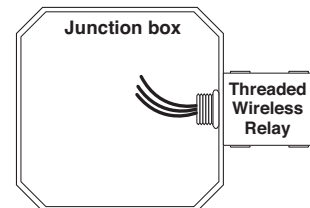


Figure B

Wireless Relay mounting options



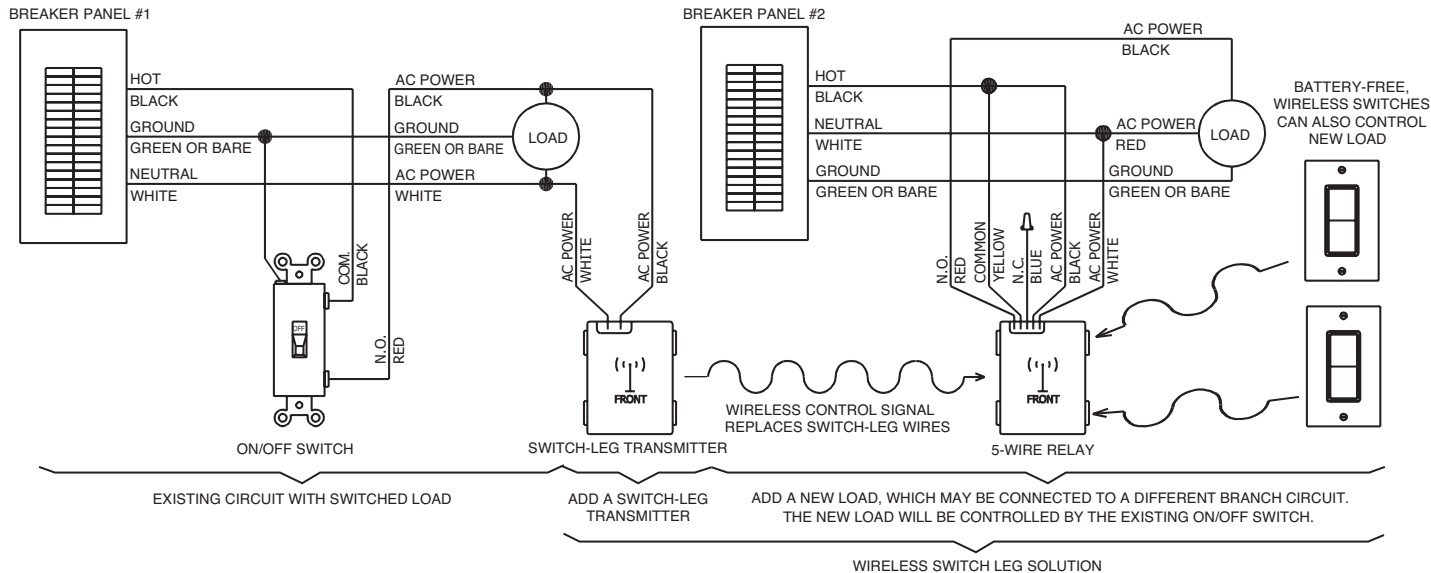
Inside junction box



Outside junction box

WIRING DIAGRAM

Basic Installation of Switch Leg Transmitter



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LIMITED 5 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 five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such five 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, 201 North Service Road, Melville, New York 11747**. 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 five 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)
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WEB VERSION