

Installation Guide

4-Channel **Switch Leg Transmitter** E3T-MICFP-40





Overview

The 4-Channel Wireless Switch Leg Transmitter (SLT) in combination with a receiver (sold seperately) replaces control wires between a switch and an electrical load with a wireless 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; E3R-Rxx-3HOBP
- 5-Wire Relay; E3R-Rxx-5IBBP
- Plug-in Dimmer/Relay; E3R-D12GP-1
- Plug-in Relay; E3R-R12GP-1
- 4-Channel Low Voltage Receiver; E3R-MICFP-04
- Room Controller: E3X-MRCFP-xx
- Thermostat; E3X-T02-U2W
- More receivers available

Components Included

The following Items are included with this product:

■ 1 Illumra 4-Channel Wireless Switch Leg Transmitter

Tools Needed for Installation

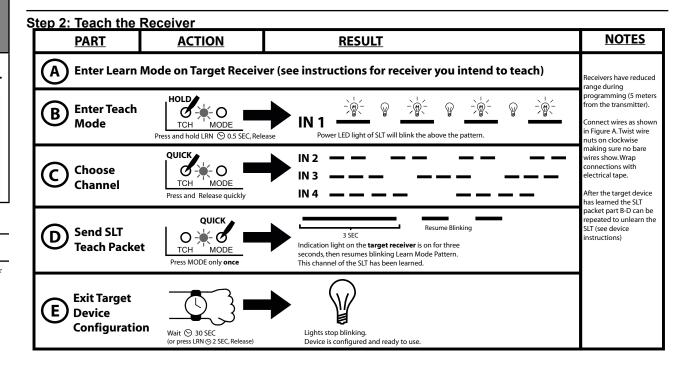
- Pencil or ball point pen (stylus)
- Electrical tape

Installation

WARNING: To avoid risk of fire, shock, or death, TURN OFF POWER at circuit breaker or fuse and verify that it is OFF before installation begins. Make sure that it remains OFF until installation is complete.

CAUTION/NOTES:

- Always follow local electrical codes when installing this device. Installation should be performed by a qualified electrician.
- Illumra 4-Channel SLTs are intended only for use indoors, in dry locations, and with permanently installed fixtures. ILLUMRA 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.)
- Installation in metallic enclosures or near large metal objects will typically reduce radio range. If possible, install in plastic or fiberglass enclosures for best
- FCC Regulations limit the number of radio messages that may be transmitted each hour to approximately 500. The SLT transmits periodic status messages (one per channel) every 30 seconds to 1 minute. Each time an input changes, another message is transmitted. After the 500 messages are depleted, the SLT will stop transmitting until one hour has elapsed. During initial installation and testing, this limitation may be overcome temporarily by removing and re-applying power.



Step 3: (Optional) Activate Other Features

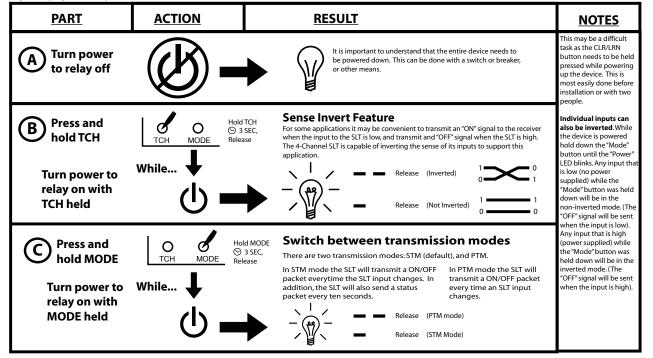
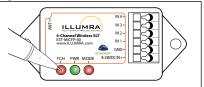
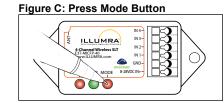


Figure B: Press Teach Button

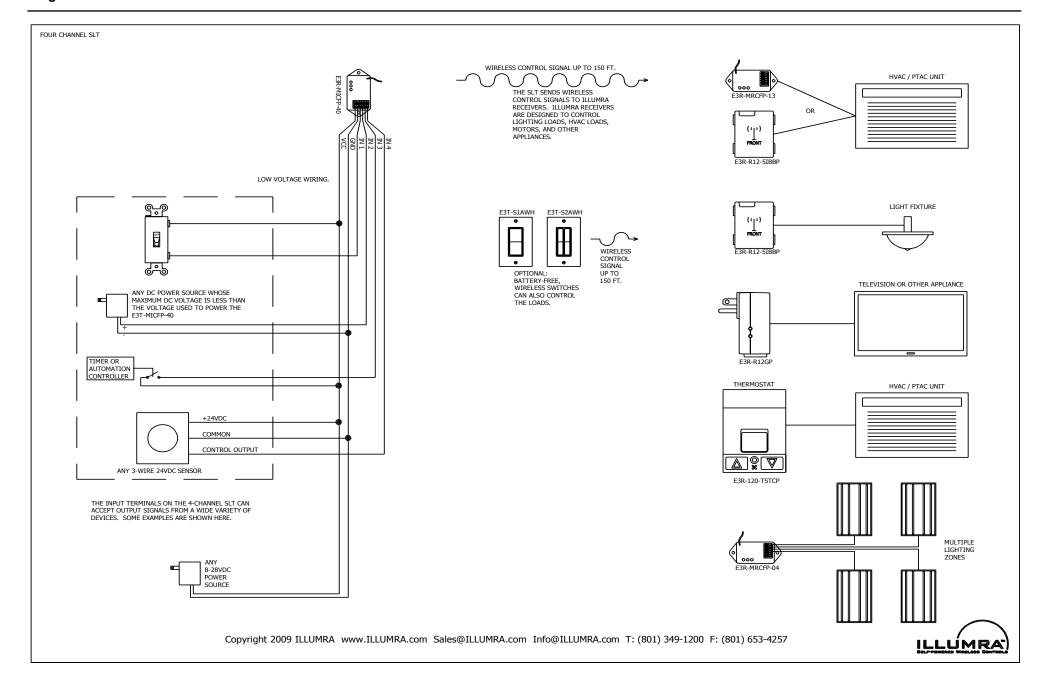




Specifications

	E3T-MICFP-40
Range	50-150 feet (typical)
Frequency	315 MHz
Power Supply Input Rating	8-28 VDC, 40 mA
Inputs	30 VDC max, 10 mA max
Input Threshold Voltage Levels	Input Low Voltage: <1VDC Input High Voltage: 3VDC <vin<30vdc< th=""></vin<30vdc<>
Channels	4 inputs
Operating Temperature	-13° to +140°F (-25° to +60°C)
Storage Temperature	-40° to +140°F (-40° to +60°C)
Dimensions	2.88"(W) x 1.30"(H) x 0.67"(D) 7.32 cm x 3.30 cm x 1.70 cm
Antenna	attached whip antenna (5.85")
Radio Certification	FCC (United States) SZV-TCM2XXC I.C. (Canada) 5713A-TCM2XXC
Addressing	Factory set unique ID (1 of 4 billion)

Diagrams





Contains FCC ID: SZV-TCM2XXC Contains IC: 5713A-TCM2XXC

The enclosed device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (i.) this device may not cause harmful interference and (ii.) this device must accept any interference received, including interference that may cause undesired operation.

This device or certain aspects thereof is protected by at least one U.S. or international patent or has at least one such patent application pending.



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