

The EL-2602 is a universal transmitter designed for use with Electronics Line 3000's supervised wireless range of receivers. This transmitter includes a single input for use in a wide range of wireless applications.

## Installation Instructions

1. To open the housing, insert a small screwdriver at the bottom of the unit between the front and back cover and twist the screwdriver to release the cover.
2. Remove the insulator separating the battery from the contacts on the battery holder. When you apply power and the Tamper switch is open, the EL-2602 enters Test mode during which a transmission is sent every few seconds. You can terminate Test mode by closing the Tamper switch. Test mode is automatically terminated after approximately five minutes. **Note: Due to the occurrence of voltage delay in lithium batteries that have been in storage, the batteries may initially appear to be dead. In this case, leave the unit in Test mode for a few minutes until the battery voltage level is stabilized.**
3. While the EL-2602 is in Test mode, set the receiver to Registration mode and make sure that the EL-2602's LED lights up at least twice. After registration, momentarily close the Tamper switch to terminate Test mode. Write the number of the zone and the transmitter number (where applicable) on the sticker provided. Affix the sticker inside the front cover for future reference.
4. Before permanently mounting the unit, test the transmitter from the exact mounting position. If necessary, relocate the transmitter to a better position.
5. To remove the printed circuit board (PCB), press the PCB release tab, carefully lift the board and slide it away from the back cover. **Note: When handling the PCB, do not apply pressure on the antenna.**
6. Knockout the wiring hole in the back cover.
7. Thread the wires through the wiring hole.
8. Mount the back cover to the wall using two screws and replace the PCB. Use ISO 7050 (ST3.5 x 22) or similar countersunk screws so that the screw head will not touch the PCB – see Figure 2.
9. Connect the terminal block as follows: 1 - Alarm; 2 - GND.  
**Note: The EL-2602 does not have EOL supervision of its loop wiring. Therefore, for UL Household Burglary installations, the loop wiring may not exceed 3 feet.**
10. Test the transmitter making certain that the LED is lit during transmissions.
11. Close the front cover of the EL-2602.

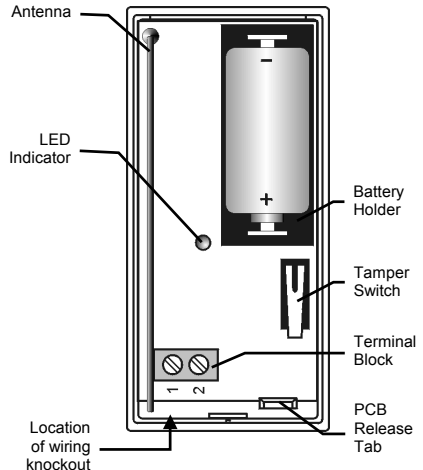


Figure 1: EL-2602 (Cover Off)

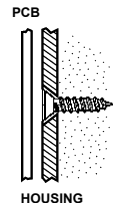


Figure 2: Mounting Screw Position

## Technical Specifications

Antenna: Built-in Internal Whip  
Frequency: 418MHz FM  
Power: 3.6V ½ AA Lithium Battery (Part No. BT5055)  
**Caution: Fire, explosion and severe burn hazard!**  
**Do not recharge, disassemble or heat above 212°F (100°C).**  
Current Consumption: 25mA (transmission), 10µA (standby)

Input Voltage Range: 0-15VDC/AC (peak to peak)  
RFI Immunity: 40V/m  
Operating Temperature: 32-140°F (0 to 60°C)  
Dimensions: 2.6"H X 1.2"W X 1"D (65 x 30 x 25mm)  
FCC ID: RIYEL2601-2

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna, 2. Increase the separation between the equipment and the receiver, 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected, 4. Consult the dealer or an experienced radio/TV technician for help.

**Warning:** Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Electronics Line 3000 Ltd.) could void the user's authority to operate the equipment.



Electronics Line

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