

The EL-2663 is a wireless low temperature sensor designed for use with Electronics Line 3000's supervised wireless range of receivers. The EL-2663 includes a thermostat that causes the transmitter to send an alarm signal when the temperature falls to approximately 5°C (41°F).

Mounting Location

Consider the following when choosing a mounting location:

- Do not locate the sensor near heaters or boilers that may stay warm long after the temperature has dropped in other parts of the premises.
- Mount the sensor in a location that is likely to get cold first when the temperature drops.
- Try to locate the sensor in a location where there is good air circulation.

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 divider separating the battery from the contacts on the battery holder. When you apply power and the Tamper switch is open, the EL-2663 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-2663 is in Test mode, set the receiver to Registration mode and make sure that the transmitter's LED indicator 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. **Note: Alternatively, the EL-2663 can be registered to the receiver by manually entering the transmitter's serial number.**
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.
6. Mount the back cover to the wall using two screws and replace the PCB.
7. Test the transmitter making certain that the LED is lit during transmissions.
8. Close the front cover of the EL-2663.

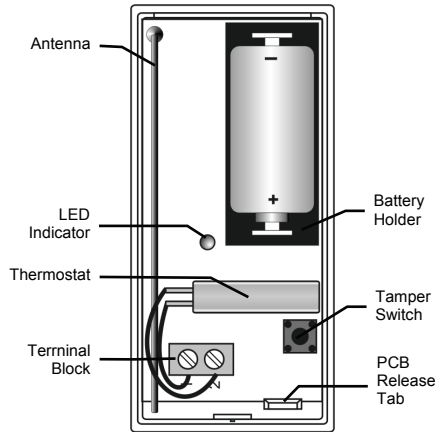


Figure 1: EL-2663 (Cover Off)

Technical Specifications

Antenna: Built-in Internal Whip
Frequency: 868.35, 433.92 or 418MHz FM
Power: 3.6V ½ AA Lithium Battery
Caution: Fire, explosion and severe burn hazard!
Do not recharge, disassemble or heat above 100°C.

Current Consumption: 25mA (transmission)
10µA (standby)
RFI Immunity: 40V/m
Operating Temperature: 0-60°C



Electronics Line 3000 Ltd.

Electronics Line 3000 Ltd.: 2 Granit Street, Kiryat Arie, POB 3253, Petah Tikvah 49130 Israel. Tel: (972-3) 918-1333, Fax: (972-3) 922-0831
USA: 5637 Arapahoe Avenue, Boulder, Colorado 80303. Tel: (800) 683-6835, Fax: (303) 938-8062
UK: Unit 7, Levisis Trading Estate, Station Road, Stechford, Birmingham B33 9AE. Tel: (44-121) 789-8111, Fax: (44-121) 789-8055
Sectec Global: 156 West 56 Street, Suite 1605, New York, NY 10019, United States. Tel: (1-212) 2652400, Fax: (1-212) 2652419

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