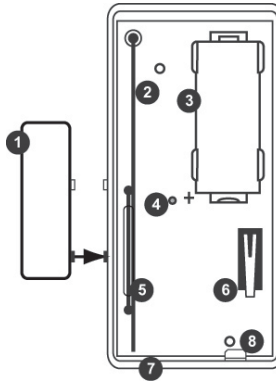




The EL-4601 is a 2-Way magnetic door and window contact designed for use with the iConnect 2-Way security system.

1. Magnet
2. Antenna
3. Battery Holder
4. LED Indicator
5. Reed switch
6. Tamper Switch
7. Location of Wiring Knockout
8. PCB Release Tab



Registration

The EL-4601 must identify itself to the iConnect 2-Way receiver as follows:

1. Set the system to registration mode.
 - a. Go to the main menu and select [9]>[1]>[1] (Programming > Devices > Zones)
 - b. Select a zone and press '√'.
2. Open the detector housing.
3. Remove the divider separating the battery from the contacts on the battery holder. The detector will send a transmission. If the transmission is successfully received by the system it will play a confirmation sound. If no confirmation sound is heard send another transmission by pressing and releasing the tamper switch of the device.

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

4. As soon as 'Save?' appears press '√'.

Wall Mounting

After the detector has been registered mount the detector as follows: .

Note: Before permanently mounting the unit, test the transmitter from the exact mounting position. If necessary, improve the position of the transmitter. Note: The alarm is generated by magnet removal at 24 (+/- 0.5) mm and is cleared by magnet approach at 22 (+/- 0.5) mm

1. Open the detector housing.
2. Remove the PCB by pressing the PCB release tab.

Note: When handling the PCB, do not apply pressure on the antenna
3. Mount the back cover 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.

Note: The upper screw is also used for back tamper. When the detector is removed from the wall, the screw causes the tamper release to break away from the back cover and the rear tamper switch is released.
4. Open the magnet housing.
5. Mount the back cover of the magnet using two screws.

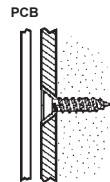


FIGURE 2

Notes:

1. Make sure that the guideline on the magnet is correctly aligned with the guideline on the transmitter.

2. Do not install the magnet further than 1cm from the transmitter.

6. Test the transmitter, making certain that the LED is lit when opening the door/window and again when closing.
7. Close the front covers of the transmitter and the magnet.

Note: These Approach/ break distances are applicable to Y axis only (see figure 3)

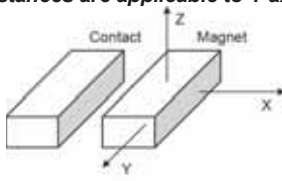


FIGURE 3

Deleting a Magnetic Contact

To delete a magnetic contact from the system:

1. Set the system to Delete mode.
 - a. Go to the main menu and select [9]>[1]>[1] (Programming > Devices > Zones).
 - b. Select a zone and press '√'
 - c. Press >12 >√.
2. Open the detector and take out the battery.
3. Press the tamper switch. While the tamper switch is being pressed insert the battery.
4. Within five seconds open the tamper and close it again.

Technical Specifications:

Frequency: 868*, 433 MHz,

Power: 3.6VDC 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: According to EN 50130-4

Operating Temperature: -10 – 55°C

*Complies with EN-50131 2-6 Grade 2 Class II Power Supply Type C

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