



The EL-4607 is a 2-Way wireless vibration detector for use with the iConnect 2-Way security system.

1. Antenna
2. Battery Holder
3. LED Indicator
4. Tamper Switch
5. Piezo Electric Sensor
6. PCB Release Tab



Registration

The EL-4607 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 '√'.

Parameters Setting by the iConnect

As a 2-Way detector, the EL-4607 parameters can be modified only from the iConnect 2 Way.

The parameter settings can be defined as follows:

1. Go to the main menu and select [9]>[1]>[1]>[11] (Programming > Devices > Zones>Sensor Par.)
2. Select Sensitivity and define the parameter accordingly (1 – 100), 1 being the lowest, 100 the highest.

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.

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. Test the detector, making certain that the LED is lit during transmission.

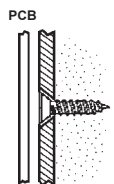


FIGURE 2

Testing a Vibration Detector

Once you have mounted the detector, test the detector's sensitivity, as follows:

1. With the detector housing open, strike the protected door or window at the furthest point away from the detector with a screwdriver handle or cushioned tool; the flashing LED color indicates the sensitivity level of the detector. Refer to following table:

RED	Under-sensitive indication
GREEN	Normal sensitivity (recommended)
ORANGE	Over-sensitive indication

2. If required, adjust the Sensitivity parameter.
3. Repeat the sensitivity test until you achieve the required sensitivity level.
4. After you have adjusted the sensitivity parameter, repeat the test once more.
5. Close the front cover of the detector.

Deleting a Vibration Detector

To delete a vibration detector 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: 868.35*, 433.92 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: 0-60°C

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

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