✂ English

The EL-4761 is a 2-Way flood detector for use with the iConnect 2-Way security system.

The wireless flood detector is a fully supervised detector used to detect the presence of water-based liquids at any desired location, such as basements or water tanks.

The detector is comprised from 2 parts: Wireless transmitter and flood sensor which are connected by 2.4m cable.

Main Features

- Flood Alarm Report: In the event of a flooding event, the detector sends an alarm event 20 seconds after detection. Restore event will be sent 20 seconds after the problem is fixed.
- Flood Sensor Protection: When the sensor recognizes a problem with the flood sensor (short or cut), it sends a TROUBLE alarm event 6 seconds after detection. A restore message is sent 6 seconds after the problem is solved.
- Tamper Protection: Back and cover tamper protection; Tamper is sent immediately.

Registration

The EL-4761 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 transmitter housing.
3. Remove the divider separating the battery from the contacts on the battery holder. The transmitter 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 '√'.

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Flood Sensor Mounting Location

The flood sensor should be placed in a position where water will accumulate rapidly in the event of flooding.

After selecting the mounting location:

- Attach the flood sensor in horizontal position near the floor with the 2 pins facing downwards (Figure 3) using the enclosed screws or double-sided sticker
- Secure the flood sensor cable to the wall. (Note: It is recommended to place the flood sensor cable inside metal or plastic pipes)

Wall Mounting

After the transmitter has been registered mount the transmitter 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 pressing the tamper switch

1. Open the transmitter 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 transmitter 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.

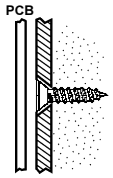

FIGURE 2

4. Knockout the wiring hole in the back cover.
5. Thread the wires through the wiring hole.
6. Connect the terminal block.
7. Test the transmitter, making certain that the LED is lit during transmission.
8. Close the front cover of the transmitter.

Technical Specifications

Frequency: 868MHz, 433MHz
Power: 3.6VDC ½ AA Lithium Battery
Do not recharge, disassemble or heat above 100°C.
Current Consumption: 25mA (transmission), 40μA (standby)
RFI Immunity: According to EN 50130-440V/m
Operating Temperature: 0-60°C

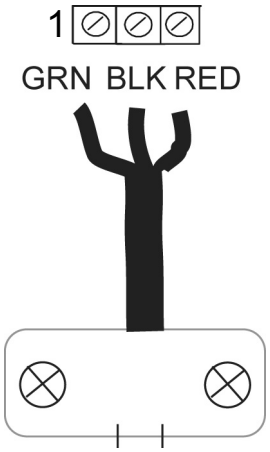

Figure 3: EL4761 Flood Sensor

1. Terminal Block
2. Antenna
3. Battery Holder
4. LED Indicator
5. Tamper Switch
6. Location of Wiring Knockout
7. PCB Release Tab

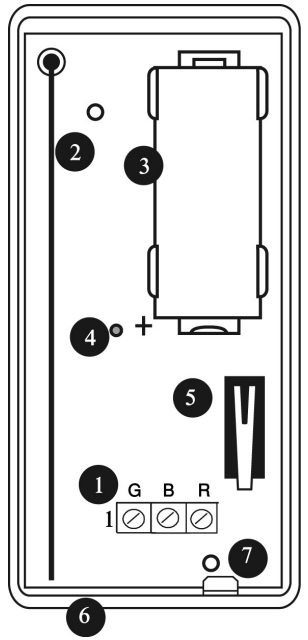

Figure 1: EL 4761 PC Board

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