

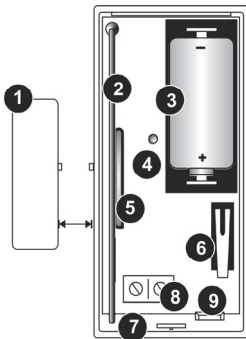
2-Way Dual Magnetic Contact Universal Transmitter



EL4601

The EL-4601DZ is a 2-Way wireless device that can be defined as a magnetic contact, universal transmitter or both in combination. The EL4601DZ is for use with the iConnect 2-Way security system (Ver. 501 and higher).

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



Registration

The EL-4601DZ 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 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 '\'.

Parameter Settings by the iConnect

As a 2-Way detector, the EL-4601DZ 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] (Programming > Devices > Zones>Sensor Par.).
2. Select Sensor Type (Magnetic, Universal or Magnetic + Universal).
3. Define Second Zone (1-32) for dual Magnetic + Universal configuration.

Note: By default the EL-4601DZ is registered as a Magnetic Contact. The Universal Transmitter can function in the same zone or can be assigned to a separate zone. If assigned to a separate zone any receiver already assigned to the selected zone will be deleted. For dual configuration each zone should be configured exclusively.

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 magnet removal at 24 (+/- 0.5) mm and is cleared by magnet approach at 22 (+/- 0.5) mm.

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.

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.

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. Open the magnet housing.
9. Mount the back cover of the magnet using two screws.

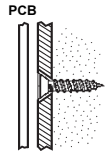


FIGURE 2

Notes: Make sure that the guideline on the magnet is correctly aligned with the guideline on the transmitter. Do not install the magnet further than 1cm from the transmitter.

10. Test the transmitter, making certain that the LED is lit when opening the door/window and again when closing.
11. Close the front cover of the transmitter.

Deleting the EL-4601DZ

To delete the EL-4601DZ 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 >√.

Note: For dual configuration (Magnetic + Universal) both zones will be deleted.

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,

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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