

The EL-2621 is a 2-way wireless keypad primarily designed for use as an additional arming station. The keypad includes three arming keys that activate Full, Part and Perimeter arming modes. Pressing the Full and Perimeter buttons simultaneously generates an SOS panic alarm. Additionally, the keypad may be used to control Home Automation modules. During operation, the control system automatically synchronizes the list of valid user codes at the keypad.

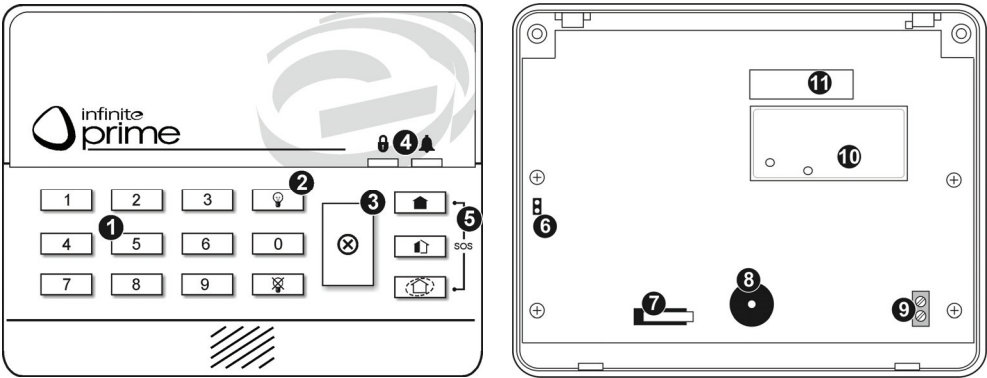


Figure 1: EL-2621 cover on (left) and cover off (right)

1. Numeric keypad
4. Status Indication LEDs
6. Backlight Jumper
9. 12VDC Input
2. Home Automation keys
5. Arming Keys
7. Tamper Switch
10. Receiver
3. Cancel Button
8. Buzzer
11. Transmitter

This LED...	Indicates...
	On – System Armed; Off – System Disarmed
	Flashing – Alarm indication (in addition, the buzzer sounds two tones every 10 seconds). The alarm indication continues until the next change in arm/disarm status. Note: Silent alarms are not indicated by the EL-2621.
Both LEDs	Flashing – the keypad is in Registration mode.
Both LEDs & Backlight	Flashing – the control system is updating the user codes list. Note: During this indication, the keypad is temporarily locked.

Table 1: Status Indication LEDs

Installation

To support the EL-2621, the infinite Prime's main board must have the plug-in transmitter installed. Plug the on-board transmitter into the control system's main board as shown in Figure 2.

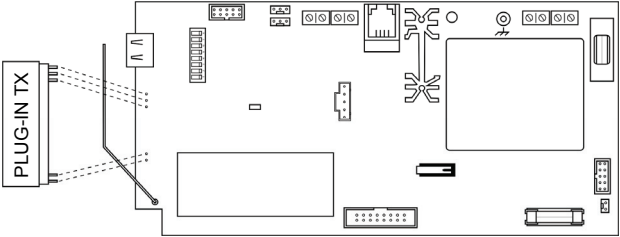


Figure 2: Plugging in the On-Board Transmitter

1. Choose an appropriate location for the keypad.
2. Remove the back cover by inserting a small screwdriver into the pry-off slots at the bottom of the unit and twisting.
3. Temporarily apply power to the keypad using a 12V (200mA) AC/DC adaptor.
4. Register the control system to the keypad by doing the following:
 - a. On the control system, set the wireless siren type to 2-way siren/keypad.
 - b. With the keypad's tamper switch open, press the Cancel key (⊗) on the keypad; the keypad sounds three short tones and both LEDs flash to indicate that it is in Registration mode.
Note: If the keypad does not enter Registration mode when you press the Cancel key, reset the keypad and try again. To reset the keypad, disconnect the power, wait for ten seconds and re-apply power.
 - c. On the control system, perform the Wireless Siren Test twice. Each time a transmission is received, the keypad sounds one long tone. After the second transmission is received by the keypad, both LEDs stop flashing to indicate that the control system was registered successfully and Registration mode has been terminated.
5. Register the keypad to the control system by doing the following:
 - a. Temporarily close the keypad's tamper switch.
 - b. Set the control system to Registration mode.
 - c. Press a button on the keypad.
 - d. Press the same button again.
 - e. Confirm registration in the control system.

After registration, the control system transmits user code data to the keypad. This data transmission also occurs after user codes are edited and after each time the keypad or control system are reset. While the keypad is receiving user code data, both LEDs and the backlight flash and the keypad is temporarily locked. This process may take up to two minutes.

Note: Alternatively, the EL-2621 can be registered to the control system by manually entering the keypad's serial number.

6. Test the keypad from the exact mounting position before permanently mounting the unit.
7. Remove the adaptor from the electricity outlet and disconnect it from the keypad.
8. Place the rear cover in position against the wall and mark the four mounting holes.
9. Install wall anchors in the appropriate positions.
10. Thread the adaptor's cable through the wiring hole and connect the adaptor to the keypad's DC power input – *do not apply power yet!*
11. Mount the keypad to the wall using four screws.
12. Close the front cover and apply power to the keypad.

Technical Specifications

Antenna: PCB printed
 Frequency: 868.35, 433.92, 418 or 315MHz FM
 Current Consumption: 26mA (transmission)
 2µA (standby)

Power: 12VDC
 RFI Immunity: 40V/m
 Operating Temperature: 0 - 60°C
 Dimensions: 130 x 110 x 28mm



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