EL-2626WSM
Wireless Siren

INSTALLATION GUIDE

Electronics Line

Introduction

The EL-2626WSM is a wireless siren designed for use with the *infinite* wireless control panel. To support the EL-2626WSM siren, the *infinite*'s Main board must have the optional plug-in transmitter installed.
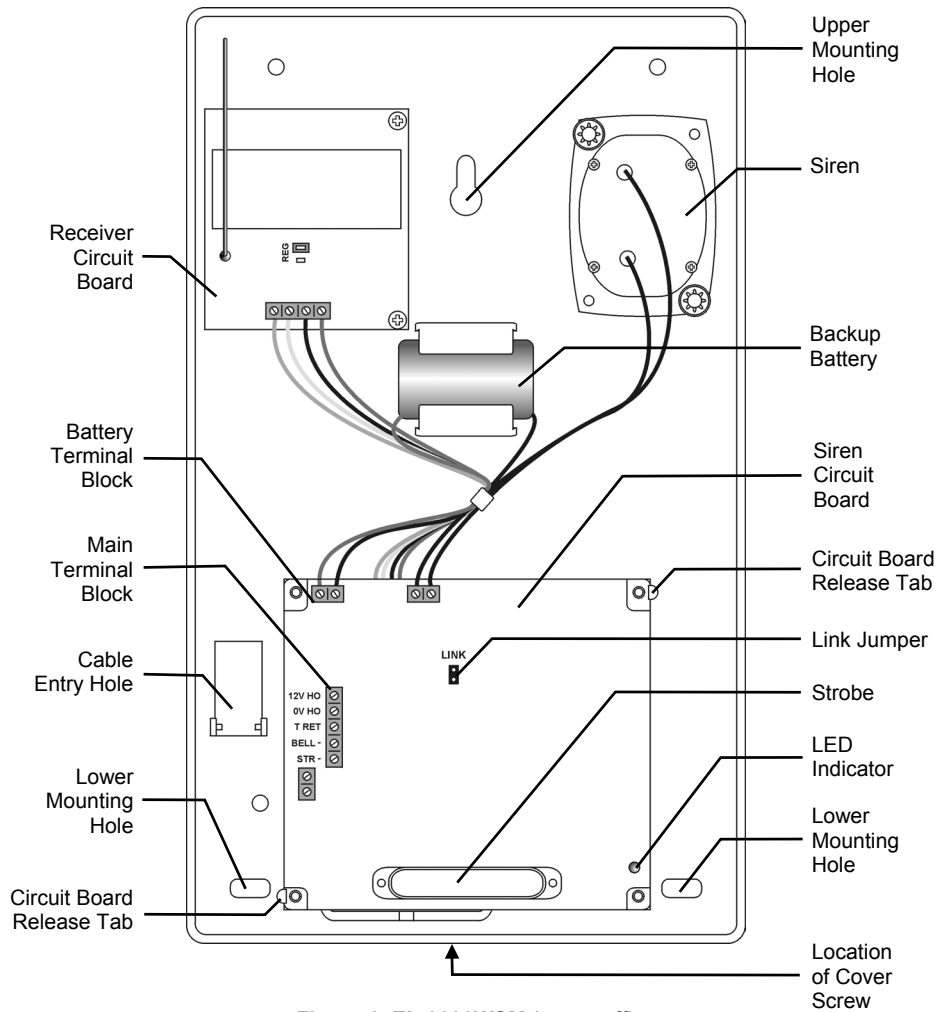

Figure 1: EL-2626WSM (cover off)

Installation

WARNING: Wear hearing protection when installing the siren.

1. Open the housing. To do so, lift the front cover away from the back cover.
2. Using the circuit board release tabs, remove the Siren circuit board's plastic cover.
3. Connect a 12V AC-DC transformer to the Main terminal block. Figure 2 shows how to connect the transformer to the Main terminal block.
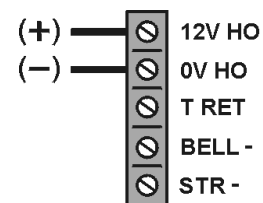4. Connect the black wire from the backup battery to the Battery terminal block.

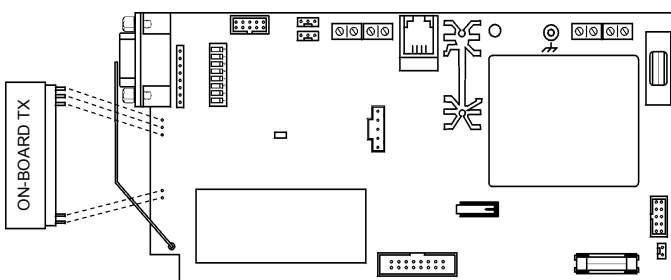

Figure 2: Power Supply Connection to Main Terminal Block

5. To support the EL-2626WSM, the *infinite*'s Main board must have the on-board transmitter installed. Plug the on-board transmitter into the infinite control panel's Main board as shown in Figure 3.
6. On the control panel, define the siren type as "1-Way Siren" as follows:
    - From the Programming menu, select Devices, Siren, Ext. Siren Type [9152].
    - Select "1-Way Siren".

Figure 3: Plugging in the On-Board Transmitter

7. Define the Siren Cut-off as follows:
   - From the Programming menu, select Devices, Siren, Cut-Off [9154].
   - Enter a siren cut-off time (001-254 seconds) or program the siren cut-off as 255 (continuous). If the siren cut-off is programmed as "continuous", the EL-2626WSM's cut-off is 15 minutes.

   If the Link jumper is installed, the cut-off time is approximately five seconds. This mode is designed for testing and maintenance only. During normal operation, the Link jumper should be removed and placed over one pin for storage.

8. On the Receiver circuit board, press the Registration button once to set the EL-2626WSM to Registration mode; the Registration LED is lit – *see Figure 4.*

9. On the control panel, perform the External Siren Test twice in order to register the control panel's transmitter to the EL-2626WSM's receiver.

   Note: During the registration procedure, make certain that no other wireless devices are transmitting so as not to interfere with the registration procedure. In the event that the wrong transmitter is registered to the receiver, you can delete the transmitter as explained below in Deleting the Registered Transmitter.

   To perform an External Siren Test:
   - From the Service menu, select Ext. Siren Test [702].

   When the first transmission is received, the Registration LED on the receiver switches off. After the second transmission is received, the LED flashes. When the LED stops flashing, the registration procedure is complete.
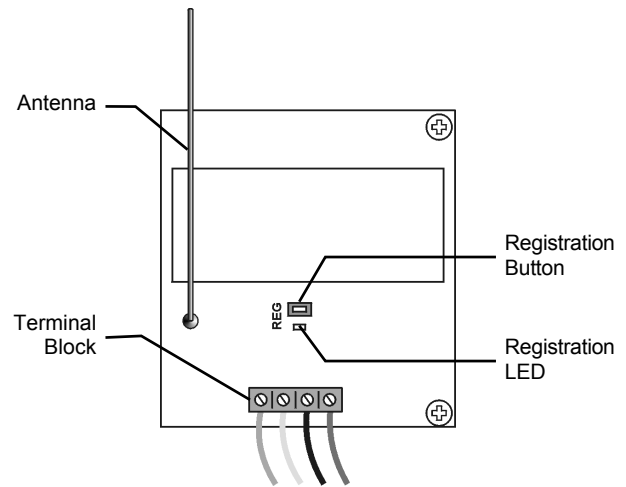

Figure 4: Receiver Circuit Board

10. Choose a suitable mounting position for the siren. The siren should be mounted on a flat surface in a highly visible position for maximum deterrence against potential intruders.

11. Before permanently mounting the siren, test the reception from the exact mounting position. If necessary, relocate the siren to a better position.

12. To mount the EL-2626WSM, place the back cover in position against the wall and mark the upper and lower mounting holes. Install wall anchors in the appropriate positions and mount the back cover using three screws.

    If you require rear tamper protection, carefully remove the siren circuit board and insert an additional screw in the rear tamper mounting hole shown in Figure 5. When the siren is removed from the wall, the perforated section of the plastic breaks and remains attached to the wall. As a result the tamper switch is released.
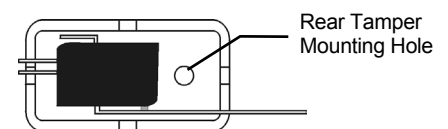

Figure 5: Tamper Switch and Perforated Rear Tamper Release

13. Replace the front cover and secure using the cover screw provided. Make certain to close the cover screw tightly in order to close the tamper switch.

Deleting the Registered Transmitter

In certain cases, it may be necessary to delete the registered transmitter in order to allow the registration of a new transmitter. To delete a registered transmitter:

1. Press and hold down the Registration button; the Registration LED is lit.
2. Continue to hold down the Registration button until the Registration LED turns off; the registered transmitter is deleted.

Technical Specifications

Receiver Frequency: 868.35MHz, 433.92MHz
or 418MHz FM

Antenna: Built-in internal whip

Operating Voltage: 12V (nominal)

Current Consumption: 250mA (alarm + strobe)

60mA (standby)

Backup Battery: 6V/280mAh Ni-Cd (rechargeable)

Siren Output: 118dB @ 1m

Internal Cut-Off Timer: 15 minutes (normal – Link Off)
5 seconds (Test – Link On)

Tamper Protection: Front cover and removal from wall

Operating Temperature: 0-60°C

Dimensions: 297 x 178 x 40mm

Electronics Line

Web: www.electronics-line.com

International Headquarters:
Electronics Line 3000 Ltd.
2 Granit St.
Kiryat Arieh Industrial Zone
POB 3253
Petah Tikva 49130 Israel
Tel: (+972-3) 918-1333
Fax: (+972-3) 922-0831

Electronics Line USA
5637 Arapahoe Avenue
Boulder, CO 80303
Tel: (800) 683-6835
Fax: (303) 938-8062

ESP - Electronics Line UK
Unit 7, Leviss Trading Estate
Station Road, Stechford
Birmingham B33 9AE
Tel: (+44-121) 789-8111
Fax: (+44-121) 789-8055

Sectec - Electronics Line France
Zi 61 Rue du Marche Rollay
94500 Champigny Sur Marne
Tel: (+33-1) 45.16.19.20
Fax: (+33-1) 45.16.19.29