ESP
ELITE SECURITY PRODUCTS

INF-WES

Wireless Siren

INSTALLATION GUIDE

infinite

Electronics Line

Introduction

The INF-WES is a wireless siren designed for use with the *infinite* wireless control panel (firmware versions 2.14 and above). In the event of an alarm the control panel activates the siren and strobe. The siren is sounded until the end of the siren cutoff programmed at the control panel. After the siren cutoff has expired, the strobe continues to flash until the system is disarmed.

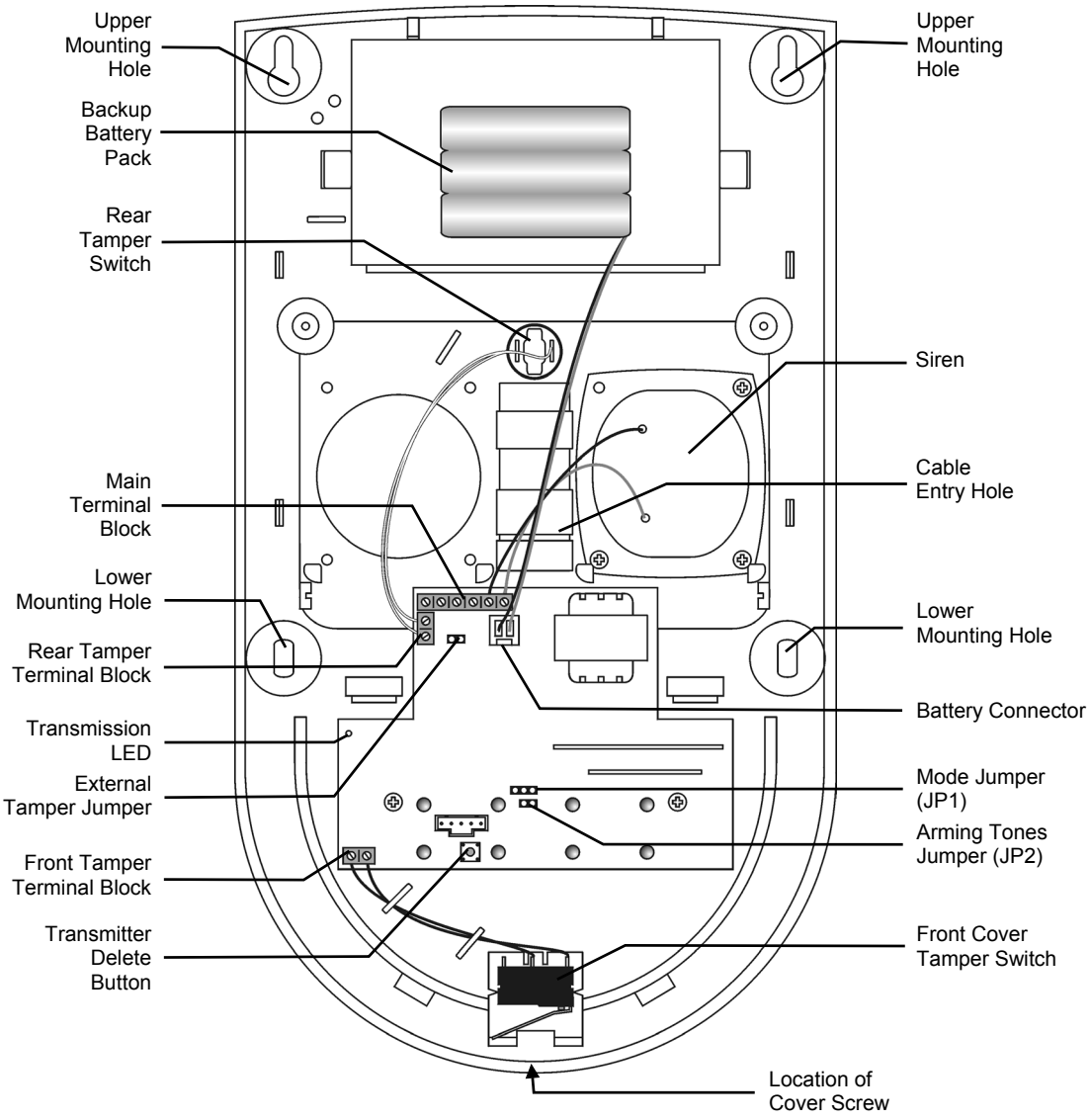

Figure 1: INF-WES (cover off)

Installation

WARNING: Wear hearing protection when installing the siren.

1. Open the housing. To do so, remove the cover screw located at the bottom of the housing and lift the front cover away from the rear housing.
2. Remove the strobe cover. To do so, carefully lift the bottom of the strobe cover away from the rear housing and remove it from the strobe cover holding hooks.

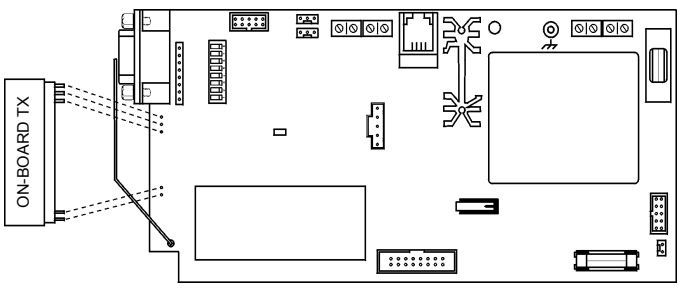

Figure 3: Plugging in the On-Board Transmitter

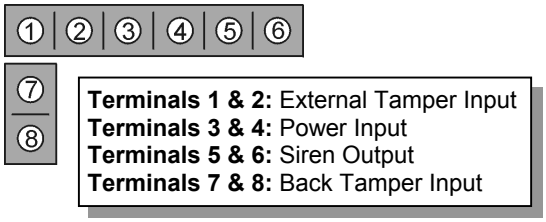

Figure 2: Wiring Connections

3. Using a Phillips screwdriver, remove the two screws that secure the metal anti-vandal casing and lift the casing from the back cover of the siren.
4. Connect a 12VDC or 9VAC, 500mA transformer to terminals 3 and 4 on the siren's terminal block (polarity is not important) – *see Figure 2.*
5. To support the INF-WES, the infinite's Main board must have the on-board transmitter installed. Plug the on-board transmitter into the control panel's Main board as shown in Figure 3.
   Note: Power down the control panel before plugging in the on-board transmitter.

6. On the control panel, define the siren type as "2-Way Siren" as follows:
   - From the Programming menu, select Devices, Siren, Ext. Siren Type [9152].
   - Select "2-Way Siren".
7. Define the Siren Cut-off as follows:
   - From the Programming menu, select Devices, Siren, Cut-Off [9154].
   - Enter a siren cut-off time (00:10 - 20:00 minutes).
8. Set the siren to Registration mode by placing the Mode jumper (JP1) as shown in Figure 4.
9. Press the Transmitter Delete button on the siren in order to clear the siren's register; the siren sounds an acknowledge tone.

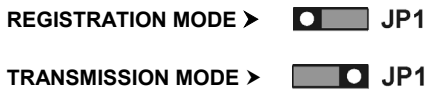

Figure 4: Mode Jumper Configuration

10. On the control panel, perform the External Siren Test twice in order to register the control panel's transmitter to the receiver on the INF-WES.

    To perform an External Siren Test:
    - From the Service menu, select Ext. Siren Test [702]; the siren sounds an acknowledge tone when each transmission is received.

    Note: During the registration procedure, make certain that no other wireless devices are transmitting so as not to interfere with registration. In the event that the wrong transmitter is registered to the siren's receiver, you can delete the transmitter by pressing the Transmitter Delete button while the Mode jumper is set to Registration mode.
11. Set the control panel to Registration mode as follows:
    - From the Programming menu, select Devices, Siren, Register [9151].
    - Set the siren to Transmission mode by placing the Mode jumper (JP1) as shown in Figure 4; the siren transmits a signal every few seconds.
    - When ***Save?*** appears on the control panel's LCD display, press ✓ on the control panel's keypad.
12. Remove the Mode jumper on the siren and place it over one pin for storage and disconnect the power supply.
13. Configure the Arming Tones jumper (JP2) as required. If the jumper is removed, the siren sounds tones and flashes the strobe on arm/disarm. If the jumper is installed, the siren flashes the strobe on arm/disarm but no tones are sounded.
14. 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.
15. Before permanently mounting the siren, test the reception from the exact mounting position. If necessary, relocate the siren to a better position.
16. To mount the INF-WES, place the back cover in position against the wall and mark the upper and lower mounting holes. Install wall anchors in the appropriate positions.
17. Thread the cables through the cable entry hole on the back cover and mount the back cover to the wall using four screws.
18. Connect the transformer to the terminal block and the backup battery to the battery connector. If using Electronics Line 3000's tamper protected external power supply, connect its tamper output to the siren's external tamper input, remove the External Tamper jumper and place it over one pin for storage – *see Figure 2 for further information on wiring connections and Figure 1 for the location of the External Tamper jumper*.
19. Replace the metal anti-vandal casing and the strobe cover.
20. Replace the front cover and secure using the cover screw provided. Make certain that the screw is secured tightly so that it closes the front cover tamper switch.

Technical Specifications

Receiver Frequency: 868.35MHz FM

Antenna: Built-in internal whip

Operating Voltage: 12V (nominal)

Current Consumption: 250mA (alarm + strobe)
10mA (standby)

Backup Battery: 7.2V/910mAh NiMH (rechargeable)

Siren Output: 106dB @ 1m

Tamper Protection: Front cover, removal from wall and external power supply.

Dimensions: 300 x 170 x 75mm

ELITE SECURITY PRODUCTS

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