ESP
ELITE SECURITY PRODUCTS

INF-WSM

Wireless Sounder Module

INSTALLATION GUIDE

infinite

Electronics Line

Introduction

The INF-WSM is a wireless sounder module designed for use with the infinite wireless control panel. This module enables the infinite system to interface with most popular external sounders. The unit will be most suitably located in the loft space, where a short hard-wired run to the external sounder and a 240V spur suitable for the low voltage plug-in power supply can be most easily achieved.

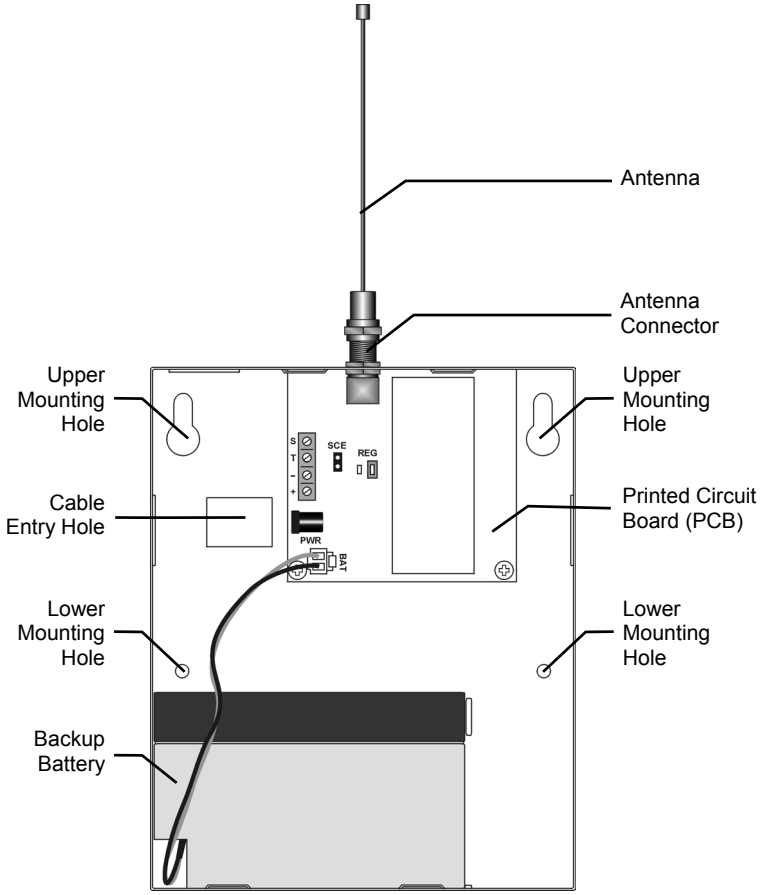

Figure 1: INF-WSM (cover off)

Installation

1. Remove the cover screws and lift the front cover of the INF-WSM away from the metal housing.
2. Connect the antenna to the antenna connector.
3. Connect the four-pin terminal block to the sounder as explained in the wiring reference table that appears in the following section.
4. Connect the backup battery to the battery connector on the PCB.

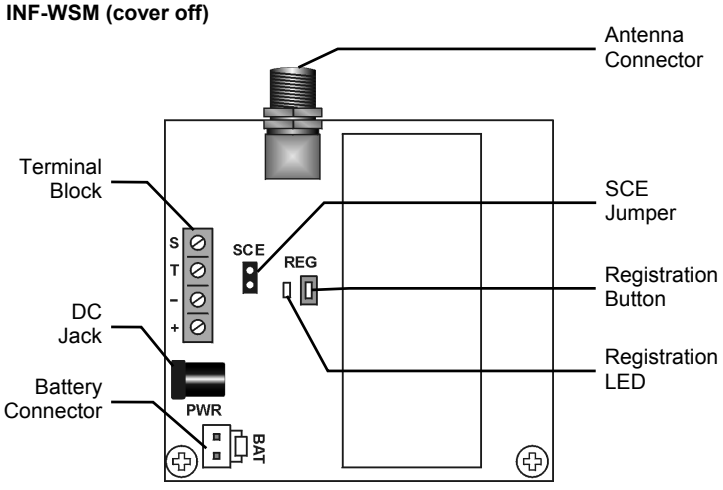

Figure 2: INF-WSM PCB

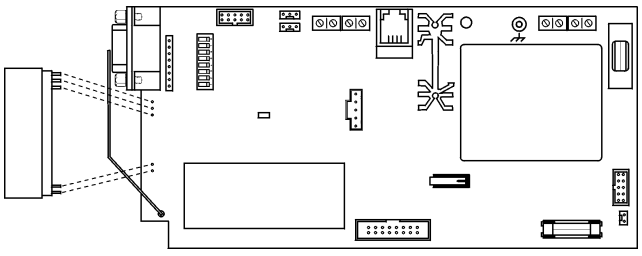

Figure 3: Plugging in the On-Board Transmitter

5. To support the INF-WSM, the infinite's main board must have the plug-in transmitter installed. Plug the on-board transmitter into the infinite control panel's main board as shown in Figure 3.
6. On the receiver, press the Registration button once to set the INF-WSM to Registration mode; the Registration LED is lit.
7. On the control panel, perform the External Siren Test twice in order to register the control panel's transmitter to the INF-WSM'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 on the following page – see Deleting the Registered Transmitter.

To perform an External Siren Test:

- From the Service menu, select Ext. Siren Test [72].

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.

8. Before permanently mounting the INF-WSM, test the reception from the exact mounting position. If necessary, relocate the receiver to a better position.
9. Via the wiring hole on the back cover, connect a 13.8VDC regulated AC/DC adapter to the DC jack on the INF-WSM – *do not apply power yet!*
10. To mount the INF-WSM, place the metal housing in position against the wall and mark the upper and lower mounting holes. Install wall anchors in the appropriate positions and mount the metal housing using four screws.
11. Replace the front cover and secure with the cover screws.
12. Apply mains power by connecting the adapter to an AC outlet.

Wiring the Unit

The INF-WSM is able to interface with most popular sounders. To connect the INF-WSM to a sounder, refer to the following wiring reference table and Figure 4 below.

Infinite-WSM	**S**	**T**	**–**	**+**
Lynteck Vortex	STB-	TG-	HOLD -	HOLD+
Ventcroft Classic NT	STB-	TRG	HOLD OFF -	HOLD OFF +
C&K AG6	ST-	SW-	V-	V+
CQR Security Sigma	STRB	BELL	HOLD OFF -	HOLD OFF +
Texecom Odyssey	S (STRB)	B (BELL)	D (0V)	A (12V)
Texecom Azura 360	S (STRB)	B (BELL)	D (0V)	A (12V)
Texecom Tempest	S (STRB)	B (BELL)	D (0V)	A (12V)
Elmdene Sounda	-ST	-R	-H	+H
Micotech Flashguard	STROBE -	TRIGGER -	SUPPLY -	SUPPLY +
Pyronix Belle	STB	BA	B-	B+

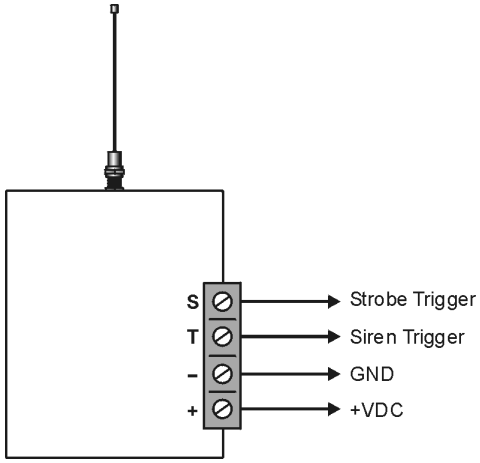

Figure 4: Wiring Connections

Strobe Current Economy

Strobe Current Economy is a feature that is designed to conserve the backup battery. If this feature is enabled, the strobe operates in "siren follower" mode when mains power is disconnected. This means that the strobe will only function when the siren trigger is on.

- To enable the Strobe Current Economy feature, install the SCE jumper – *see Figure 2*.
- To disable the Strobe Current Economy feature, remove the SCE jumper and place over one pin for storage.

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

Operating Voltage: 13.8VDC (regulated)
Backup Battery: 12V/0.8Ah
Receiver Frequency: 868.35, 433.92 or 418MHz FM
Current Consumption: 25mA
Dimensions: 163 x 133 x 41mm

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Hereby, Electronics Line declares that this module is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. 868.35MHz frequency transmitters are not intended for use in Bulgaria, Greece, Poland and Slovenia.