EN1249 EchoStream® Billtrap Transmitter
Installation Instructions - 05266B

1 Overview
The Inovonics EN1249 billtrap features the same profile and ruggedness of a hardwire billtrap, providing flexibility for use in cash drawers in any financial or retail environment.

1.1 Inovonics Wireless Contact Information
If you have any problems with this procedure, contact Inovonics Wireless technical services:
- E-mail: support@inovonics.com
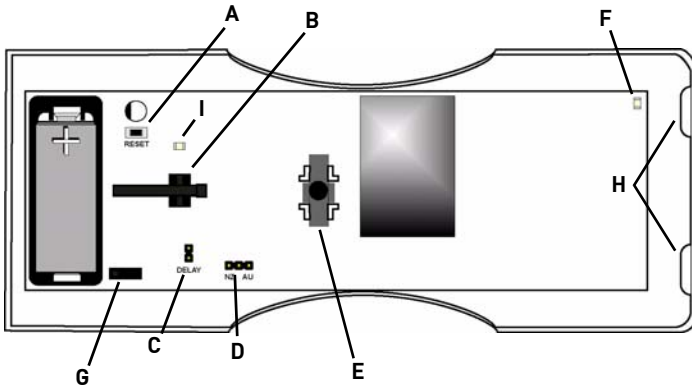- Phone: (800) 782-2709

1.2 EN1249 components

Figure 1 EN1249 components

A Reset button	**B** Bait switch trigger
C Delay selection pins	**D** Frequency selection pins
E Back tamper button	**F** Bait indication light
G Cover tamper switch	**H** Housing tabs
I Transmit LED	

2 Installation and Startup

2.1 Install/Replace the Battery
1. Remove the housing screw and separate the housing.
2. Install/replace the battery.
3. Press the **Reset** button to initialize the transmitter. If replacing a battery, the transmitter's most recent programming will be restored upon initialization.
4. If replacing the battery, reassemble the housing per section 2.5; otherwise continue with installation.

2.2 Select the Frequency Band
EchoStream products are able to use a range of radio frequencies, and must be configured for your geographic area. To configure the transmitter:
1. Place a selection jumper on the appropriate frequency band selection pins (D).
   - Place the jumper on the left two pins, marked NZ, to set the frequency range to 921-928 MHz for New Zealand.
   - Place the jumper on the right two pins, marked AU, to set the frequency range to 915-928 MHz for Australia.
   - Leave the jumper off the pins to set the frequency range to 902-928 MHz for North America.
2. Press the **Reset** button to complete configuration.

2.3 Select Delay Option
The EN1249 can be set to provide a ten second delay between the removal of the trigger bill and alarm transmission, allowing users to replace the bait bill if it is inadvertently removed. When the delay option is not set, an alarm will be transmitted two seconds after the bill is removed.

1. To set the EN1249 to provide a ten second trigger delay, place a selection jumper on the delay selection pins (C) and press **Reset**.
2. To cancel the ten second trigger delay, remove the selection jumper from the delay selection pins and press **Reset**.

2.4 Register the EN1249
The EN1249 must be registered with the system in order to be monitored and supervised. Optionally, the EN1249 can send check-in messages to the receiver. Each transmitter has a unique factory-programmed identification number. Refer to the control panel's installation instructions for details on registering a transmitter.

1. When prompted by the receiver to reset transmitter, press the **Reset** button.

2.5 Reassemble the Housing
1. Hook the top of the housing into the housing tabs on the bottom of the housing and swing closed
2. Replace the housing screw.
3. Test the billtrap transmitter and ensure an appropriate response.

2.6 Mount the Billtrap Transmitter
The EN1249 is shipped with Dual Lock™ repositionable fasteners already installed on the back of the transmitter. To mount the transmitter:

1. Ensure the mounting surface is clean and free of debris.
2. Peel the non-adhesive backing from the repositionable fasteners attached to the EN1249.
3. Press the EN1249 to the mounting surface with sufficient pressure to ensure the tamper button is depressed against the mounting surface.
4. Once the adhesive has set, usually after a period of 24 hours, the EN1249 can be repositioned as necessary.

3 Operation

3.1 Insert the Bait Bill
1. Slide the bait bill under the bait clip on the front of the EN1249, so that it depresses the bait switch trigger (B).
2. If the trigger bill has been inserted properly, the bait indication light on the front of the EN1249 will light for five seconds (F).

4 Specifications
Typical battery life: 3-4 years
Battery type (BAT604): Panasonic CR123A or equivalent
Housing: 6.2" x 2.6" x 0.9" (157 mm x 89 mm x 23 mm)
Operating environment: -4°- 140°F (-20°- 60°C), 90% relative humidity, non-condensing
Operating frequency: 915-928 MHz (Australia), 921-928 MHz (New Zealand) 902-928 MHz (USA)

5 Warranty/Disclaimer

Caution: Changes or modifications to this unit not expressly approved by Inovonics Wireless Corporation may void the installer's authority to operate the equipment as well as the product warranty.