

# EN1223D EchoStream® Double-Button Panic Alarm

Installation and Operation Manual - 05583A, April 29, 2009

## 1 Overview

Inovonics EN1223D panic alarm transmitters are our smallest, lightest, and most versatile pendants.

**Note:** For UL installations, refer to the *EN4216R Installation and Operation Manual*.

### 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; (303) 939-9336

### 1.2 Inovonics Wireless Contact Information

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### 1.3 Transmitter Components

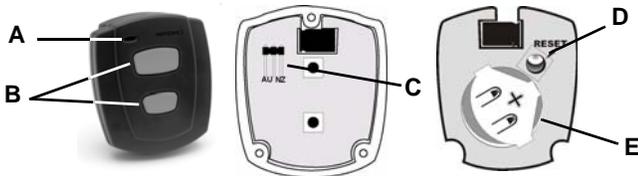


Figure 1 Transmitter components

- A Transmit LED    B Activation buttons    C Frequency band selection pins  
D Reset button    E Battery

## 2 Installation and Startup

### 2.1 Installation Notes

- These products are designed to be maintained by professional security technicians.
- Products are intended for indoor use.
- Manually test all products weekly.

### 2.2 Install/Replace the Batteries

1. If present, remove the 3 three housing screws on the back of the transmitter.
2. Open the housing.
3. Install the new batteries, ensuring the positive terminals (+) face the indicated side of the holder.

### 2.3 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.
  - Place the jumper on the top two pins, marked NZ, to set the frequency range to 921-928 MHz for New Zealand.
  - Place the jumper on the bottom 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.

**Note:** Only devices set for use in North America are configured for UL installations.

2. Press the **Reset** button to complete configuration.

**Caution:** When pressing the **Reset** button, make sure you don't also touch the frequency band selection pins. Touching the frequency band selection pins while pressing the **Reset** button can inadvertently set the transmitter to the wrong frequency band.

### 2.4 Register the Transmitter

The transmitter must be registered with the system in order to be monitored and supervised. When supervised, the transmitter will send a check-in message to the serial receiver or network coordinator every three minutes. Each transmitter has a unique factory-programmed identification number. Refer to the receiver's installation instructions for details on registering a transmitter.

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

**Caution:** The transmitter should be tested after registration to ensure operation. To test the transmitter, activate each of the conditions and ensure an appropriate response.

## 3 Operate the Transmitter

To activate single button transmitters, press the button for at least one second. To activate double button transmitters, press both buttons simultaneously. Alarm signals are transmitted multiple times and are indicated by the blinking transmission LED. When the buttons are released, the transmitter sends an alarm restoral signal. To test a transmitter, activate the alarm by pressing the button(s).

## 4 Specifications

**Dimensions:** 5.6 x 4.8 x 1.8 cm (2.2 x 1.9 0.72")

**Operating temperature:** 0 to 60°C (32 to 140°F), 90% relative humidity, noncondensing

**Typical battery life:** 3-5 years

**Battery type (BAT609):** Renata CR2450, Panasonic CR2450

**Power requirement:** 3 VDC, 60 mA

**UL listings:** UL 1023, ULC/ORD-C1023-74

**Compatible receiver:** EN4216R

**Note:** Specifications and data are subject to change without notice.

## 5 Warranty and Disclaimer

**Note:** 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.

Inovonics Wireless Corporation ("Inovonics") warrants its products ("Product" or "Products") to conform to its own specifications and to be free of defects in materials and workmanship under normal use for a period of thirty-six (36) months from the date of manufacture. Within the warranty period, Inovonics will repair or replace, at its option, all or any part of the warranted Product. Inovonics will not be responsible for dismantling and/or reinstallation charges. To exercise the warranty, the User ("User", "Installer" or "Consumer") must work directly through their authorized distributor who will be given a Return Material Authorization ("RMA") number by Inovonics. Details of shipment will be arranged directly through the authorized distributor.

This warranty is void in cases of improper installation, misuse, failure to follow installation and operating instructions, alteration, accident or tampering, and repair by anyone other than Inovonics.

This warranty is exclusive and expressly in lieu of all other warranties, obligations or liabilities, whether written, oral, express, or implied. There is no warranty by Inovonics that Inovonics product will be merchantable or fit for any particular purpose, nor is there any other warranty, expressed or implied, except as such is expressly set forth herein. In no event shall Inovonics be liable for an incidental, consequential, indirect, special, or exemplary damages, including but not limited to loss of profit, revenue, or contract, loss of use, cost of down time, or interruption of business, nor any claim made by distributor's customers or any other person or entity.

This warranty will not be modified or extended. Inovonics does not authorize any person to act on its behalf to modify or extend this warranty. This warranty will apply only to Inovonics Products. Inovonics will not be liable for any direct, incidental, or consequential damage or loss whatsoever, caused by the malfunction of Product due to products, accessories, or attachments of other manufacturers, including batteries, used in conjunction with Inovonics Products.

**Note:** E-mail support@inovonics.com for a copy of the CE Declaration of Conformity.