

# EchoStream™ Select ES1223D Double-button pendant transmitter EchoStream™ Select ES1223S Single-button pendant transmitter

## Installation and Operation Manual - 03962B

### IMPORTANT NOTES

- ⚠ These products are designed to be installed and maintained by professional security technicians.
- Products, unless specifically noted, are intended for indoor use.
- Manually test all products regularly.

### FEATURES

- Inovonics Wireless radio link, with selectable frequency bands.
- The ES1223S and ES1223D have water-resistant housings that protect the pendant when worn in the bathtub, shower, rain, or other environments where the pendant may be splashed with water or momentarily submerged.

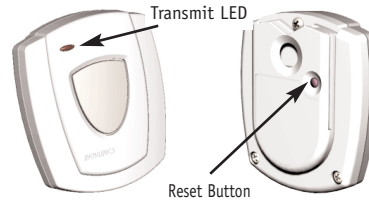


Figure 1: ES1223S



Figure 2: ES1223D

### CHANGING THE BATTERY

- 1) Remove three screws from the back of the housing.
- 2) Make sure that the battery is inserted with the positive (+) terminal facing the indicated side of the holder.
- 3) **After battery insertion, wait 30 seconds**, then press the Reset Button (LEDs will flash) to reset the transmitter to its most recent programming.
- 4) Replace back cover. See Caution below. Make sure that the Reset assembly is intact
- 5) Thoroughly test the unit before returning to service.

- ⚠ **Caution: Replacing back cover**
  - Do not over-tighten screws when replacing the back cover.
  - Correct torque is 1.5 inch-pounds.
  - Be careful not to damage the gasket material to preserve water-resistance capability.
  - Tighten screws evenly for good seal.

- ⚠ **Discard old battery in accordance to the local laws and practices.**  
**Inovonics Wireless does not take responsibility for batteries that are not discarded properly.**

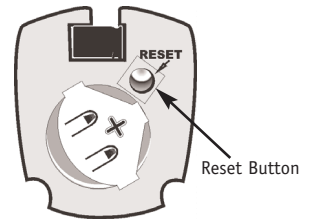


Figure 3: Battery Installation

### SELECTING OPERATING FREQUENCY

- 1) Determine the correct frequency setting for the area in which the ES1223 will be used.
- 2) Set Frequency Jumper as shown in Figure 4. Press reset button.

### REGISTERING TRANSMITTERS

Transmitters must be registered with the system receiver in order to be monitored and supervised. Each transmitter has a unique factory-programmed identification number. Refer to the receiver installation instructions for details on registering a transmitter.

- ⚠ 1) *If the ES1223 housing is closed:* when prompted by the receiver to "Reset Transmitter", press the Reset Button (Figure 1).
- 2) *If the ES1223 housing is open:* when prompted by the receiver to "Reset Transmitter", press the Reset button (Figure 3). Replace the ES1223 cover. Follow instructions to test the transmitter.

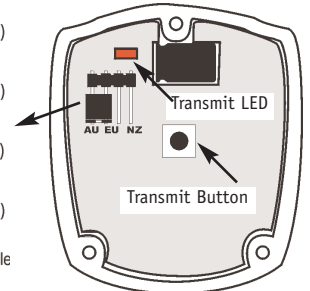


Figure 4: Frequency band Selection

Note: The ES1223 retains programming data in non-volatile memory. It does not require re-programming after loss of power. Follow "Changing the Battery" instructions to re-initialise the transmitter and restore programming.

### OPERATION

To activate the ES1223S, press and hold the Activation Button for at least 1 second.  
To activate the ES1223D, press and hold both Activation Buttons for at least 1 second.

Alarm signals are transmitted multiple times, and are indicated by the blinking Transmit LED. Holding the buttons results in continuous transmission. When either button is released, the FA223S/D will complete its alarm transmission, then will send an alarm restoral signal so that receiver devices configured for follower mode will return to their normal state.

### Wearing the ES1223S or ES1223D: Neck cord, Belt Clip or Wrist band

- The ES1223 can be carried in three convenient ways:
- Around the neck as a pendant (standard).
  - On a belt with the beltclip attachment (standard).
  - On the arm with optional wristband accessory (ACC623Sor ACC623L).

#### Neck Cord Safety

- ⚠ **WARNING: The neck cord provided with the ES1223S/D is designed for user safety. Substitution of stronger cords or chains may result in injury to the wearer.**



Figure 5:  
Belt clip, Pendant accessory  
and wristband



Figure 6:  
ES1223S with neck cord

### TECHNICAL SPECIFICATIONS

Dimensions:	5.6 x 4.8 x 1.8 cm (2.2 x 1.9 x 0.72")
Operating temperature:	0° to 60°C (32° to 140°F)
Transmitter frequency range:	Selectable for USA, Europe, Australia or New Zealand (see Figure 4)
Preprogrammed check-in Interval:	12 minutes (EU, MF); 3 minutes (AU, NZ, US)

## WARRANTY & DISCLAIMER

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 twenty-four (24) 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 authorised distributor who will be given a Return Material Authorisation ("RMA") number by Inovonics. Details of shipment will be arranged directly through the authorised 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.


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 **Warning:** The User should follow all installation, operation, and maintenance instructions. The User is strongly advised to conduct Product and systems tests at least once each week. Changes in environmental conditions, electric or electronic disruptions, and tampering, may cause the Product to not perform as expected.

 **Warning:** Inovonics warrants its Product to the User. The User is responsible for exercising all due prudence and taking necessary precautions for the safety and protection of lives and property wherever Inovonics Products are installed. Inovonics strongly advises the User to program Products to be supervised when used in applications affecting life safety. Users are warned that unsupervised devices are subject to undetected failure due to malfunction, battery failure, tampering, or changes in environment.



This product bears the CE mark and certification.  
Please email [support@inovonics.com](mailto:sales@inovonics.com) to request the "Declaration of Conformity."

