inovonics®
WIRELESS CORPORATION

FA223S
Single-button pendant transmitter
FA223D
Double-button pendant transmitter

FA223S   FA223D

Transmit LE

Activation Buttons

External Reset Button

FA223S / FA223D Pendant Transmitters

Intended use: The FA223S and FA223D portable transmitters are intended to be installed and serviced by licensed security professionals.

Besides having two Activation Buttons, the FA223D differs from the FA223S in the following ways: housing color is gray, and the transmission indicator LED operates at low intensity.

The FA223S and FA223D 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.

Operation

To activate the FA223S, press and hold the **Activation Button** for at least 1 second.
To activate the FA223D, 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.

Specifications

Dimensions:	2.22" x 1.925" x0.725"
Weight:	1.4 oz.
Battery (BAT609):	3.0V lithium Sanyo CR2450
	—or— Renata CR2450N
Typical battery life:	1 to 2 years (Battery is always supervised.)

Changing the Batter

Internal Reset Butto

Battery Positive Indicator

3-pin Programming Header
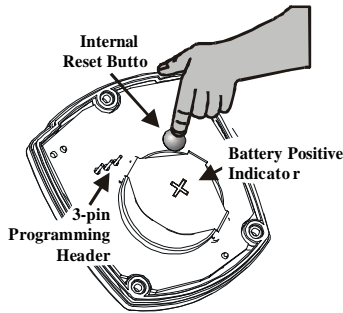
Changing the battery:
1) Remove three screws from the back of the housing.
2) Make sure that the battery is inserted with the positive (+ terminal facing the indicated side of the holder
3) After replacing the battery, press the **Internal Reset Button** to reset the transmitter to its most recent programming.
4) Replace back cover. See ⚠ Caution below.
5) Thoroughly test the unit before returning to service.

Programming

1. Open the transmitter housing by removing three phillips-head screws.
2. When prompted by the programming device to plug in the transmitter, connect the programming cable to the **3-pin Programming Header** (connection is reversible).
3. Press the **Internal Reset Button**.
4. Disconnect the programming cable.
5. Re-assemble and thoroughly test the transmitter. Apply 1.5 inch-pounds when tightening screws.

NOTE: FA223S/D transmitters retain programming data in non-volatile memory. They do not require reprogramming after loss of power. Install new battery and press either the **Internal Reset Button** or the **External Reset Button** to re-initialize the transmitter and restore programming.

IMPORTANT: The FA223S/D should *always* be programmed for supervision.
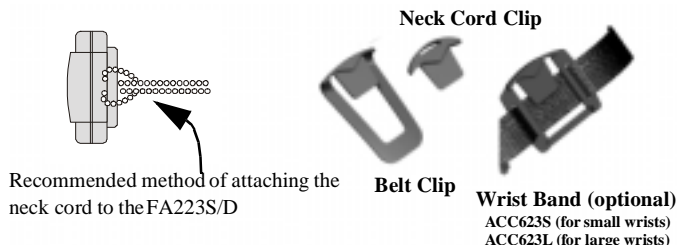
⚠ **Caution**:
• Do not over-tighten screws when replacing the back cover. Correct torque is 1.5 inch-pounds.
• Be careful not to damage the gasket material to preserve water-resistance capability.
• Tighten screws evenly for good seal.

⚠ Inovonics recommends that pendants *always* be supervised. Pendants should also be tested at least once per week.

Factory Default / Recommended Programming

Suggested Check-in Interval:	5 minutes
External contacts:	N/O
Use EOL resistor:	No
Use Internal contacts:	No

⚠ For information on supervision programming options, request Tech Notes *TN1025* and *TN1032*.

Neck Cord Clip

Recommended method of attaching the neck cord to the FA223S/D

Belt Clip   **Wrist Band (optional)**
ACC623S (for small wrists)
ACC623L (for large wrists)

Wearing the FA223S/D: Neck Cord, Belt Clip or Wrist Band

The FA223S and FA223D 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 (ACC623S or ACC623L).

⚠ **Caution: Neck Cord Safety**

WARNING: The neck cord provided with the FA223S/D is designed for user safety. Substitution of stronger cords or chains may result in injury to the wearer.

Warranty & Disclaimer

Inovonics 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 Corporation will repair or replace, at its option, all or any part of the warrantied product. Inovonics will not be responsible for dismantling and/or reinstallation charges. To exercise the warranty, the User ("User", "Installer" or "Consumer") must be given a Return Material Authorization ("RMA") Number by Inovonics. Details of shipment will be arranged at that time.

This warranty does not apply in cases of improper installation, misuse, failure to follow installation and operating instructions, alteration, abuse, 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, including any warranty of merchantability or fitness for a particular purpose. Inovonics will not be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties.

This warranty will not be modified, varied or extended. Inovonics does not authorize any person to act on its behalf to modify, vary or extend this warranty. This warranty will apply to Inovonics Products only. All other products, accessories or attachments used in conjunction with Inovonics equipment, including batteries, will be covered solely by their own warranty, if any. 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.

This warranty does not warrant the replacement of batteries that are used to power Inovonics Products.

The User recognizes that a properly installed and maintained security system may only reduce the risk of events such as burglary, robbery, personal injury and fire. It does not insure or guarantee that there will be no death, personal damage and/or damage to property as a re sult.Inovonics does not claim that the Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection.

Inovonics Corporation shall have no liability for any death, injury or damage, however incurred, based on a claim that Inovonics Products failed to function. However, if Inovonics is held liable, directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, Inovonics' maximum liability will not in any case exceed the purchase price of the Product, which will be fixed as liquidated damages and not as a penalty, and will be the complete and exclusive remedy against Inovonics.

⚠ 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 whenever 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.