Mobile Duress Pendant Family
Installation Instructions

1 Overview

The Inovonics mobile duress pendant is designed to provide indoor room and floor level location with a button press. Inovonics mobile duress pendants are only available to factory trained dealers and only compatible with the EN7295 mobile duress gateway and EN5060 locators.

The mobile duress pendant is available in the following configurations:

Part #	Type	Buttons	Conditions
EN2224	Belt clip	Four	Fifteen
EN2233D	Necklace	Two	One
EN2233S	Necklace	One	One
EN2235D	Belt clip	Two	One
EN2235S	Belt clip	One	One
EN2236D	Belt clip	Two	Three
EN2238D	Belt clip	Two	Two

Inovonics mobile duress pendants are shipped in bulk packaging so that orders can be fulfilled by removing pendants and batteries from packaging based on order quantity. Single pendant orders may be repackaged separately. To re-close the box after batteries are inserted into pendants, remove battery compartment divider at perforation along hinge.

1.1 Inovonics Contact Information

For product and installation videos visit us at www.inovonics.com/videos or use the QR code below.

If you have any problems with this procedure, contact Inovonics technical support:

- E-mail: support@inovonics.com.
- Phone: (800) 782-2709; (303) 939-9336.

1.2 Pendant Transmitter Components

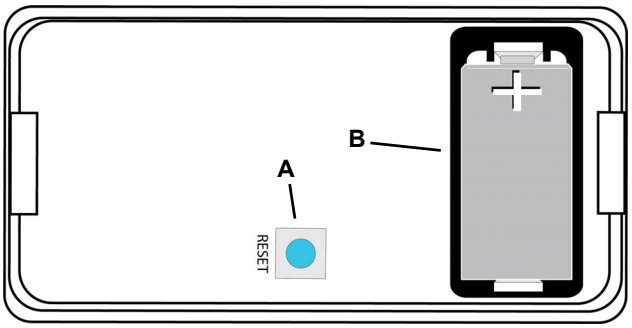

Figure 1 Pendant Transmitter components

A Reset button **B** Battery

2 Installation and Startup

2.1 Installation Notes

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

2.2 Install the Battery

1. Pry the housing apart at either end and pull the two halves apart.
2. Install the battery.

Caution: Ensure that a new Panasonic CR2 or equivalent battery is always installed in the mobile duress pendant. Never install a used battery.

3. Press the reset button to initialize the transmitter.

3 Register mobile duress pendants

All mobile duress pendants must be registered with the system in order to be used, monitored and supervised. When supervised, the mobile duress pendants will send check-in message to the Inovonics gateway.

Note: These instructions cover installation and operation of the mobile duress pendant. Please refer to the *Inovonics Mobile Duress User Manual* for instructions about registering pendants to a specific site's mobile duress system. Please contact support or your account manager if you do not have a copy of the user manual.

4 Operation

4.1 Using The EN2233 Pendant Chain

Always use the chain included with the EN2233. Substituting stronger cords or chains may result in injury to the wearer.

4.2 Converting a Belt Clip Pendant to a Belt Loop

If you'd like to convert a belt clip pendant transmitter belt clip to a belt loop, secure the bottom of the belt clip to the housing with a coarse thread screw.

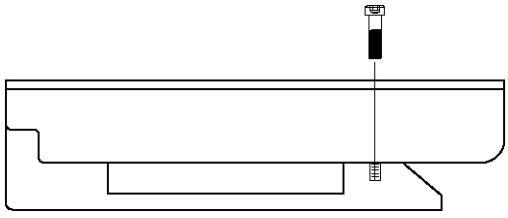

Figure 2 Use a coarse thread screw to secure the belt clip

4.3 Operate the Mobile Duress Pendant

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 each condition by pressing the button(s) and ensure the appropriate response.

EN2224

Activation of the conditions will depend on the application, as will the response. The application controller must be designed to recognize simultaneous messages. The EN2224 requires the use of an Inovonics serial receiver, and cannot currently be used with an Inovonics add-on receiver.

EN2233D/EN2235D

Press and hold both buttons simultaneously to activate an alarm.

EN2233S/EN2235S

Press the button for at least one second to activate an alarm.

EN2236D

To send the first condition, press and hold the left pendant button for one second; to send the second condition, press and hold the right pendant button for one second; to send the third condition, press and hold both buttons simultaneously.

EN2238D

To send the first condition, press and hold either the left or the right pendant button for one second; to send the second condition, press and hold both buttons simultaneously.

5 Specifications

Typical battery life: 3 years.

Battery type (BAT608): Panasonic CR2 or equivalent.

Operating environment: 0 to 60°C (32 to 140°F), noncondensing.

Compatible gateway: EN7295 mobile duress gateway.

Regulatory compliance: FCC, Industry Canada, RoHS

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

Note: Inovonics supports recycling and reuse whenever possible. Please recycle these parts using a certified electronics recycler.

6 FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

7 FCC Part 15 and Industry Canada Compliance

This device complies with part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

8 Television and Radio Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

9 Radiation Exposure Limits

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme avec ISED RSS-102 des limites d'exposition aux rayonnements définies pour un environnement non contrôlé. Les utilisateurs finaux doivent suivre le fonctionnement spécifiqueinstructions pour satisfaire la conformité à l'exposition RF. Cet émetteur doitne pas être colocalisé ou fonctionner conjointement avec une autre antenne ou émetteur.