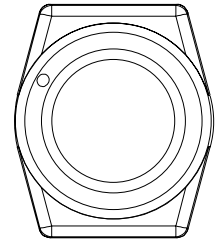# Micro Multipurpose Panic Button

Document Number: 466-1815 Rev. B
April 2002

## Installation Instructions

## Product Summary

The Panic Button is a water-resistant wireless device used for activating police, medical, or auxiliary alarms throughout the premises. When the panic button is pressed, the LED mounted under the front cover will blink and an alarm signal is transmitted.

The status of the battery is sent in every transmission. The battery is field replaceable.

The button has five adapters which easily fit onto the panic button. Using these adapters, the panic button can be mounted on the wall, worn as a belt clip, as a watch, or as a pendant.
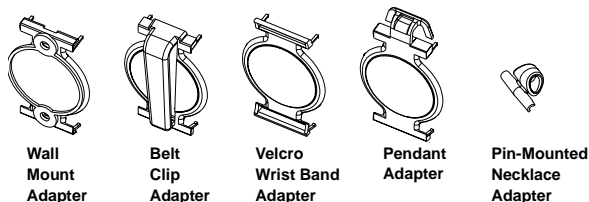
| Wall Mount Adapter | Belt Clip Adapter | Velcro Wrist Band Adapter | Pendant Adapter | Pin-Mounted Necklace Adapter |

**Figure 1.  Panic Button Adapters**

## Installation Guidelines

Use the following guidelines when installing this button.

❑ The panic button must be learned into supervised groups when used for life safety applications.

❑ The transmitter in the button has an open-air range of at least 375 feet, but the installation environment may influence this range.

❑ Before installing, have the customer press the button with their thumb or finger to ensure that they have no problems activating the button.

❑ When worn as a pendant, instruct your customer to **grasp it in the hand** and press it using the thumb or finger for the best transmitting range.

### Wall Mount

1. Place the wall mount adapter on the wall at the desired location and mark through the mounting holes with a pencil.

2. Secure the holder to the wall with #4 screws. Use anchors where studs are not present.

3. Snap the panic button onto the four snap-on posts on the wall mount adapter.

Snap-On Posts

Mounting Holes
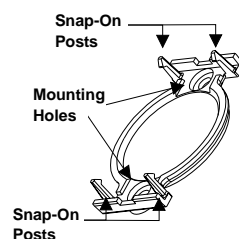
Snap-On Posts

### Belt Clip

The panic button can be worn on the belt by using the belt clip adapter. Simply snap the panic button onto the four snap-on posts on the belt clip adapter.

### Wrist

The panic button can be worn on the wrist with a velcro wrist band using the wrist band adaptor or on a plastic wrist band.

❑ **Velcro Wrist Band** - To use the velcro wrist band, first snap the panic button onto the four snap-on posts on the wrist band adapter. Next, thread the band through the slots on the ends of the adapter.

❑ **Plastic Wrist Band** - To use the plastic wrist band, compress the spring-loaded pins with a small screw driver and slip into the pin slots located on the back of the panic button. The plastic wrist band or almost any other 18 mm watch band can be used.
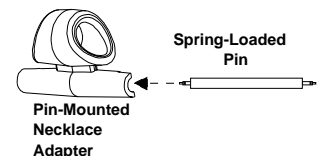
### Pendant

The panic button can be worn as a pendant two different ways:

❑ With a necklace using the pin-mounted necklace adapter, or

❑ Worn with the rope necklace that comes with it using the snap-on pendant adapter.

**To use the pin-mounted necklace adapter:**

1. Check to make sure the necklace or chain fits through the larger hole in the pin-mounted necklace adapter.

2. Remove one of the spring-loaded pins from the plastic wrist band and insert it into the smaller hole on the necklace adapter.

Spring-Loaded Pin

Pin-Mounted Necklace Adapter

3. Compress the spring-loaded pins with a small screwdriver and slip them into the pin slots located on the back of the panic button.

**To use the pendant adapter:**

1. Slip the rope necklace into the top slot on the pendant adapter and hook the plastic ends together.

2. Snap the panic button onto the four snap-on posts on the pendant adapter.

Pendant Adapter
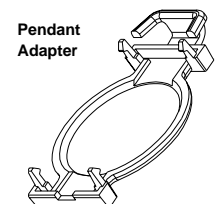
## Programming

This section describes the basic steps for adding the panic button sensor to panel memory. For complete instructions, refer to the specific panel installation instructions.

1. Set the panel in the program mode.
2. Enter the appropriate supervised panic group number when prompted by the panel.
3. Select the desired sensor number when prompted by the panel.
4. Trip the sensor by pressing the button when prompted by the panel.
5. Exit from program mode.

## Testing the Panic Button

This section describes the basic steps for testing the panic button. For complete instructions, refer to the specific panel's installation instructions.

1. Set the system to the Dealer Sensor Test mode.
2. Activate the sensor by grasping the button in your hand pressing it with your thumb or finger.
3. Listen for beeps sounded from system sirens.
4. Test the panic button sensor from several locations within the premises to check for consistent response.

## Replacing the Battery

**CAUTION**
To avoid an alarm condition you must place the panel in sensor test mode before changing the battery.

**CAUTION**
You must be free of all static electricity before handling the transmitter circuit board. Touch a grounded, bare metal surface before touching the circuit board, or wear a grounding strap.

1. Disassemble the button by removing the four screws on the back of the button and separate the cover and base.

**Note**
You may need to "rock" the cover to loosen it due to the tight seal created by the o-ring.

2. Remove the old battery from its holder and install the new battery, observing polarity.

**Note**
Install only Duracell DL2032.

3. Reassemble the button. Make sure to line up the LED indicator bump on the cover with the LED on the PCB.

**CAUTION**
If the board is not correctly lined up with the cover, it can create stress on the plastic. Be careful not to bend or break the rectangular snap-on latch supports when reassembling the button.
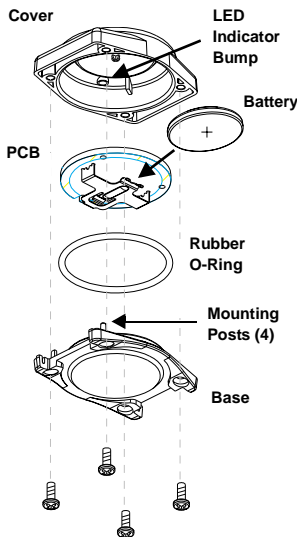
**CAUTION**
Be sure to assemble the panic button correctly to ensure water resistance. Be especially careful not to nick or damage the rubber o-ring

4. Test the sensor as described in "Testing the Panic Button" section.
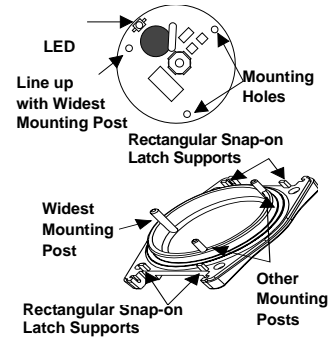
## Lithium Battery Disposal

Lithium batteries that are no longer usable are considered hazardous waste. Be sure to properly dispose of old batteries. Contact your local city government for hazardous waste disposal laws.

## Specifications

Compatibility: ........................ All ITI Learn Mode Panels

Power Source: ....................... 3.0 VDC Duracell (DL2032) Lithium Battery

Temperature:
Operating ............................ 32° to 120° F (0° to 49° C)
Storage ................................ -30° to 140° F (-34° to 60° C)

Maximum Humidity: .............. 90% Relative Humidity, non-condensing

Enclosure: ............................ Water-Resistant rating to IPX7 (1 meter for 30 minutes)

Dimensions w/o adapters or wrist bands: ...................... 1.5" x 1.3" x .5" (L x W x D)

## Notices

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions.

This device may not cause harmful interference.

This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Interactive Technologies, Inc. can void the user's authority to operate the equipment.

FCC ID: B4Z-781A-PANIC (located on back of Panic Button).

US Patents 4,855,713; 4,864,636, and others pending.