User Manual

ActivePERS (maker)
Active Personal Emergency Response System (product description)
Model Number: AP003

DRAFT

Introduction

ActivePERS is a personal emergency response pendant with patented and clinically validated automatic fall detection algorithms developed by BioSensics LLC. The key features and benefits of the ActivePERS technology include detecting falls with clinically validated and patented algorithms that virtually eliminate false alarms, monitoring the number of steps taken, and notifying providers when the pendant is not worn by the subscriber.

This manual describes basic features of ActivePERS AP003.

Detecting a Fall

In the case of a fall detected automatically, the LED will turn on, and a fall alert message will be transmitted.

Sending Heartbeat Messages

AP003 sends heartbeat messages every 15 minutes. These messages contain the accumulated activity information, with values determined by the number of steps.

Sending Panic Signal

To send a panic signal, press and release the button. The LED should turn on upon release, and a message will be transmitted to indicate the panic.

Clearing Alarm

To clear an alarm and turn off the LED, press and hold the button until the LED turns off, which will take approximately 10 seconds. This will transmit a clear alarm message.

The LED will turn on and remain on after sending a fall or a panic signal. Sending a clear alarm signal will turn the LED off.

Specifications

- Dimension: 2.165” x 1.468” x 0.603”
- RF Transmission Frequency: 2.4 GHz
- Operating Temperature: -10ºC to 60ºC
- Battery Type: CR2450 Lithium
- Battery Life: 1 year
- Battery Voltage: 3.0V
- FCC ID: 2AA5H-AP003

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

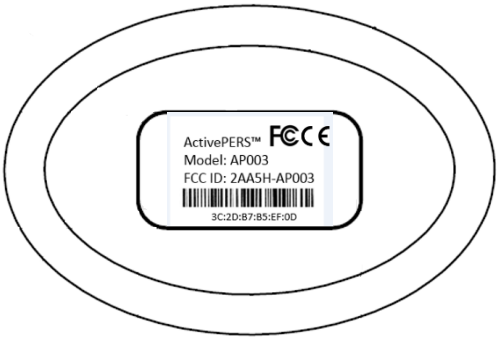
DRAFT

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: *Changes or modifications not expressly approved by BioSensics, LLC could void the user's authority to operate this equipment.*



Battery Warning

This product contains a lithium battery. Lithium batteries can explode, leak, catch fire or cause burns if not handled appropriately. Do not disassemble, puncture or crush battery. Avoid exposure to water, fire or high temperatures. Properly dispose of battery.

Radiation Exposure Statement

The product complies with the FCC portable RF exposure limit set forth for an uncontrolled environment and is safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

DRAFT