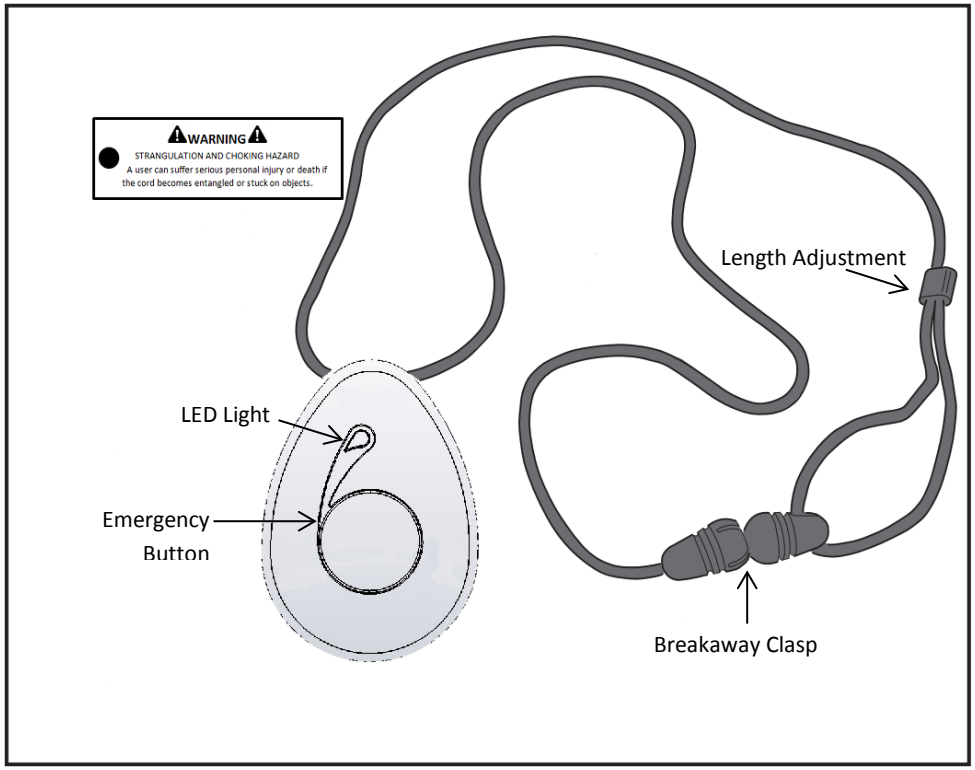
Fall Sensor – FS418MYX-IC

This fall sensor is designed for a user to push the button for help at any time. It can also automatically[1] activate an emergency alarm if it detects a fall in the event that the user is unable to trigger an alarm by pressing the button.



A. Identifying the Parts

1. Pendant Button

Pressing the Pendant Button for 0.5 sec will activate the Control Panel, causing it to dial an emergency call or alarm (CID event code: 101).

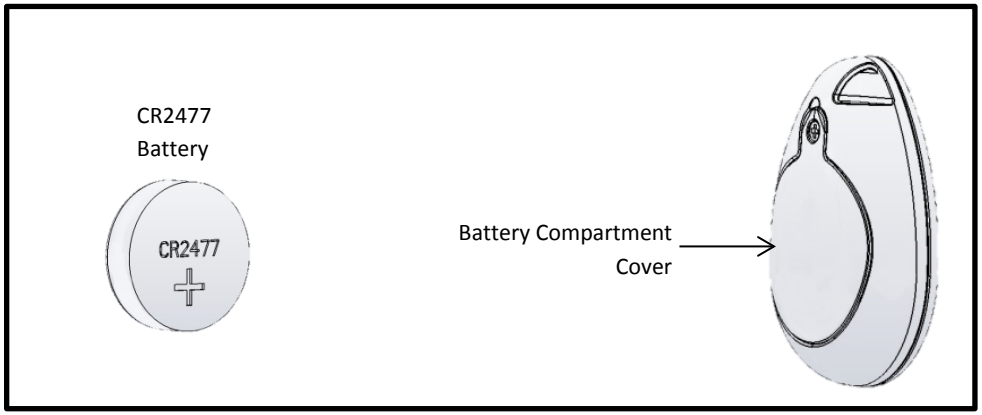
2. LED

LED Off	Standby Mode
3 Red Flashes	Powering On
1 Green Flash	Transmitting with Good Battery
1 Red Flash	Transmitting with Low Battery

3. Lanyard

When wearing the fall sensor, it is recommended to adjust the lanyard so the fall sensor is resting at the center of the breastplate.

4. Battery Compartment Cover



B. Low Battery Detection and Supervision

Fall sensor features Auto Low Battery detection and Supervision.

When a battery is detected to be below the low battery threshold, fall sensor will automatically transmit a Low Battery detection & Supervisory code to detect Low Battery every 24 hours. Once the Control Panel receives the Low Battery detection & Supervisory code, it will then notify the user accordingly

[1] Note: fall sensors do not detect 100% of falls. If you are able to do so, you should always press the button if you need help.

Auto Low Battery Detection & Supervision functions can only be activated as a pair.
Once Auto Low Battery Detection & Supervision functions are activated, they cannot be deactivated later in any circumstances.

C. How to Learn In Fall sensor

Fall sensor has a unique numeric code called “ID code”. The ID code enables the Control Panel to identify the signal is transmitted from the fall sensor.
1. Put the Control Panel into Device Learning Mode
2. Press the Button on fall sensor, a radio signal will be transmitted to the control panel.
3. Please refer to the user manual for your control panel for further information on learning-in the fall sensor to complete the process.

D. Battery Life

The fall sensor uses one 3V CR2477 lithium battery as its power source. The fall sensor will have a typical battery life of 2 years with an average of one activation per day.
When the battery voltage drops below a certain threshold, a Low Battery signal will be sent to the Control Panel to notify the user.
When the fall sensor is triggered in a low battery state, the red LED will flash once to indicate the battery needs to be replaced.
It is not recommended to learn-in the fall sensor to the control panel while in a low battery state.

E. Usage Recommendation

1. Wear the fall sensor on the outside of all articles of clothing; do not cover with any clothes during use.
2. Carefully place the fall sensor on a table or nightstand when you are not using it in order to avoid activating an alarm.
3. This device is rated IP45: protected from low pressure water jets in any direction.

F. Testing

During testing, do not activate the fall sensor twice within a 10-second interval.

FCC Statement

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.

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.

FCC Caution:

The user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.