Climax Technology FS3F1919 Fall Sensor Instructions

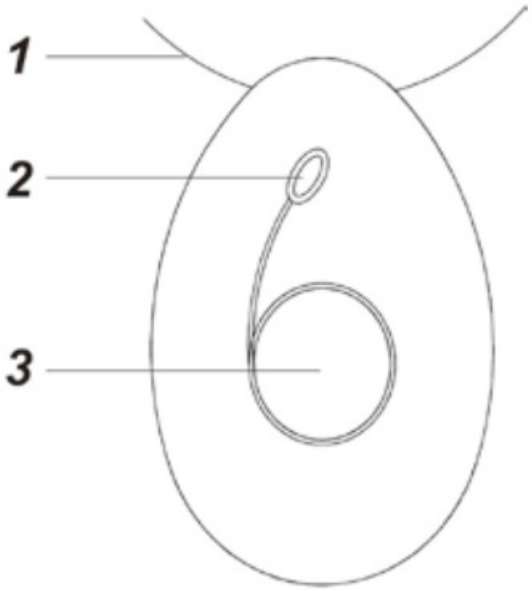
Contents

Fall Sensor

This fall sensor is designed to activate the Control Panel by a manual button press or auto fall detection to summon help in emergency conditions.

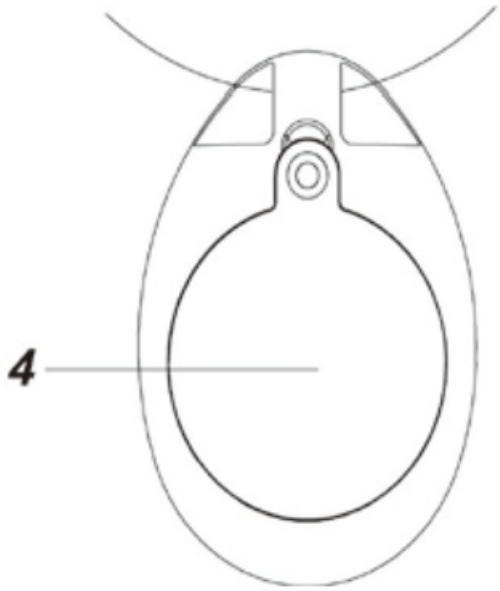
Identifying the Parts

1. Lanyard Loop
2. Green/Red LED



- Green LED FLASH for 1 second: When powered on.
- Green LED FLASH: Transmitting signal to the Control Panel.
- Red LED FLASH: Transmitting signal to the Control Panel under low battery condition.
- Red LED FLASH 3 times: Low battery status detected when powered on.

3. Active Button



- Press and hold the Active Button for more than 2 seconds to activate the Control Panel.
- Press and hold the button for 5 seconds to cancel the alarm.
- Press and hold the button for 8 seconds to receive sensitivity level data from the Control Panel.

4. Battery Compartment Cover

Low Battery Detection and Supervision

Fall Sensor features Auto Low Battery detection and Supervision.

1. The Fall Sensor will automatically transmit a Low Battery detection & Supervisory code to the Control Panel

every 30~50 minutes.

Learn In Fall Sensor

Step 1. Put the Control Panel into Learning Mode (Please refer to the Control Panel manual for details.)
Step 2. Press and hold the Active Button of Fall Sensor for more than 2 seconds. A radio signal will be transmitted to the Control Panel.
Step 3. Please refer to the operation manual of your Control Panel to complete the learning process.

Battery

The Fall Sensor uses one CR2477 3V lithium battery as its power source.
If the battery voltage is low, a Low Battery signal will be sent to the Control Panel to notify the user. Moreover, when activated under low battery status, the Red LED will flash to remind the user to replace the battery.
<NOTE>

- It is prohibited to learn in Fall Sensor to the Control Panel when It is in low battery status.

Sensitivity Level Adjustment

The Fall Sensor sensitivity is programmable from the Control Panel. Five sensitivity levels are available for selection.
Level 1 refers to the lowest sensitivity level, while Level 5 refers to the highest sensitivity level.

Sensitivity Level	Values
Level 1	130ms
Level 2	110ms
Level 3	90ms (default)
Level 4	70ms
Level 5	50ms

<NOTE>

- After setting the sensitivity level from the Control Panel, please press and hold the button on the fall sensor for 8 seconds to receive the sensitivity level data from the Control Panel. The LED (green under normal mode; red under low battery status) will light up upon receiving data from the Control Panel. Please press the active button on the fall sensor again for more than 2 seconds to notify the Control Panel and confirm the sensitivity level update.

Inactivity Detection

If a fall is detected, the sensor will transmit an alarm signal to Control Panel. If no sudden movement was detected within 10 seconds after fall detection, the Fall Sensor will transmit another inactivity code to Control Panel.

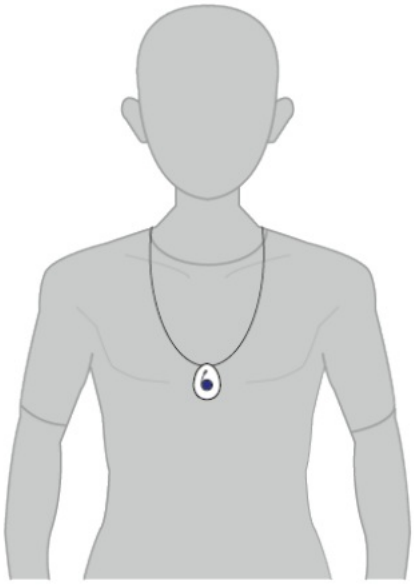
Usage Recommendation

- Best way to wear a fall sensor (O)

  A. Let it hang in front of the chest and adjust the necklace length so that the sensor hangs at the bottom of the sternum as shown in the picture below.

  B. Wear the pendant exposed outside and in front of any clothes or heavy/feather jacket.

  C. When a fall occurs, it is best if the fall sensor can touch the ground.



- Wrong way to wear a fall sensor (X)

  A. Necklace being too short (around the clavicle) or too long (below the sternum) is likely to cause a false trigger or no response.

  B. Fall sensor being worn inside a chest pocket will lead to the non-detected conditions.
- Carefully place the fall sensor on a desk when you are not using it in order to avoid triggering a false alarm.
- Due to the nature of the fall detection mechanism, fall detection cannot be 100% accurate. False alarm or detection failure during daily use could not be avoided completely. Please utilize the Active Button to activate the alarm manually when needed to ensure safety.

Sleep Mode

- If the fall sensor remains stationary for more than 3 hours, it will enter Sleep Mode. If movement is detected during sleep mode, the fall sensor will start a 1-minute countdown to return to the normal operation mode. The fall detection function is disabled during the 1-minute timer, and the user is allowed to put on the Fall Sensor without activating the false alarm. When the 1-minute timer expires, the Fall Sensor will return to normal operation.

Testing

During testing, do not trigger 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.

FCC Caution:

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance may void the user's authority to operate this equipment. (Example – use only shielded interface cables when connecting to computer or peripheral devices).

Federal Communication Commission Interference Statement

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 an articular 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 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: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example
– use only shielded interface cables when connecting to computer or peripheral devices).

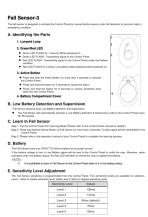
FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 centimeters between the radiator and your body.

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

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	Climax Technology FS3F1919 Fall Sensor [pdf] Instructions FS3F1919, GX9FS3F1919, FS3F1919 Fall Sensor, Fall Sensor, Sensor