iLife Systems
HealthSensor 100

Fall Detection and Help Button

User's Guide

HealthSensor 100 Fall Detection and Personal Help Button

Calls for Help Even When You Cannot

The HealthSensor 100 Fall Detection and Personal Help Button provides you with assistance that no other personal help button product can offer. Your HealthSensor pendant will alert your emergency monitoring service *automatically* when it detects a fall, even if you are unable to push the help button on the pendant. The HealthSensor pendant provides you with a help button but contains the added safety of automatically calling for help when it detects the conditions of a fall. This unique added protection is only available with the HealthSensor 100 Fall Detection and Personal Help Button pendant.

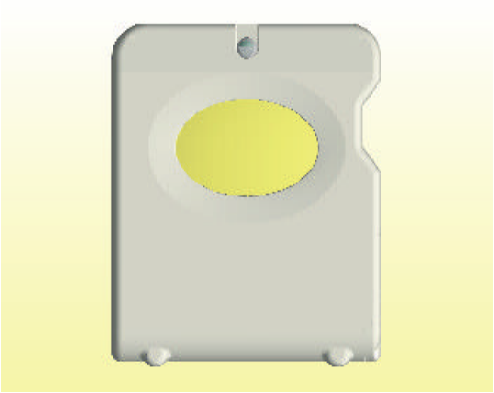
The HealthSensor 100 Fall Detection and Personal Help Button Pendant is designed to work in and immediately around your home. The pendant must be close enough to the receiver for a help signal to be transmitted. The coverage area for the pendant will vary from one home to another. It is important for you to know the effective range of your pendant.

The HealthSensor 100 Fall Detection is designed to detect falls that meet certain criteria. It may not detect every fall, especially slight falls that are generally not disabling. The HealthSensor 100 Fall Detection device may also generate a fall alarm when you have not fallen. For example, dropping the pendant on the floor may cause the device to send an alert to the monitoring center that you have fallen.

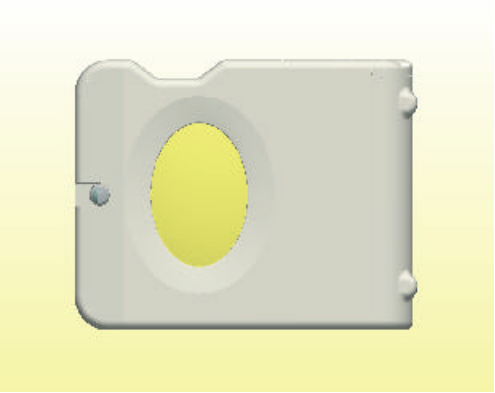
How to Wear the HealthSensor 100

The HealthSensor Fall Detection pendant is designed to automatically sense the conditions of a fall and send an emergency alert when a fall occurs. To send an alarm that you have fallen the pendant must be worn by you.

The Fall Detection pendant must be worn on your torso in an upright manner. Wearing the pendant on your arm or leg may cause the device to false alarm or to fail to alarm upon a real fall. Wearing the pendant so that it is not right side up may cause the device to not function properly.



Correct



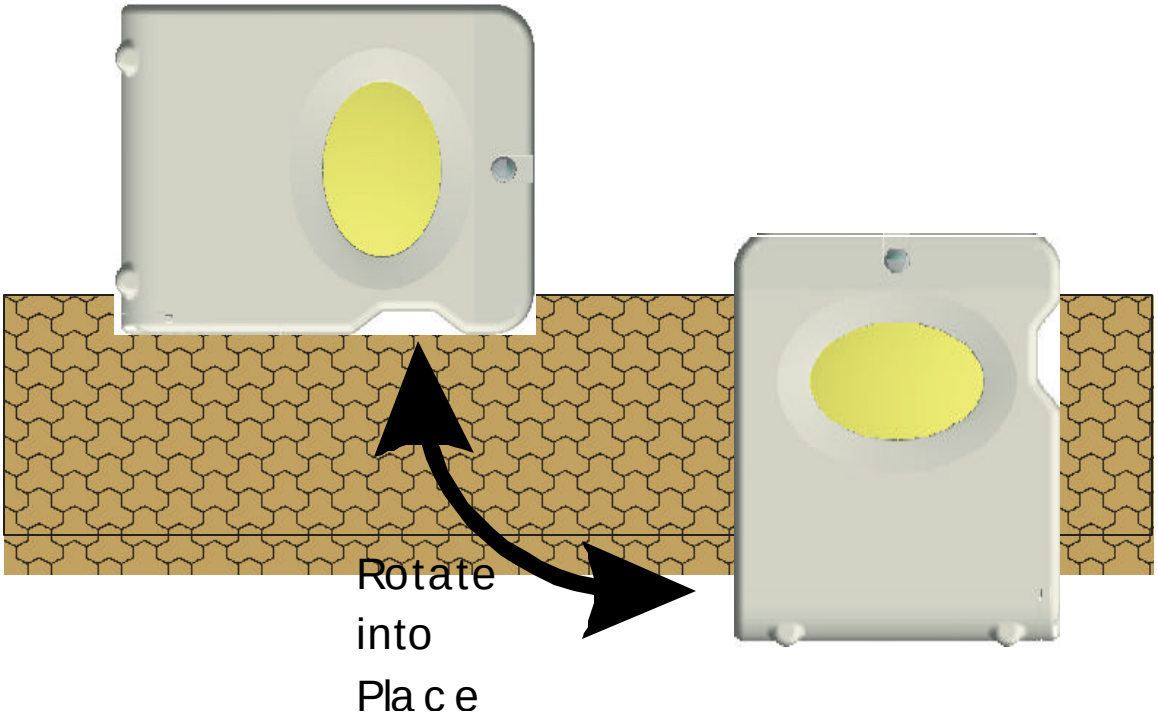
Incorrect

Some typical wearing suggestions are as follows:

On your waist

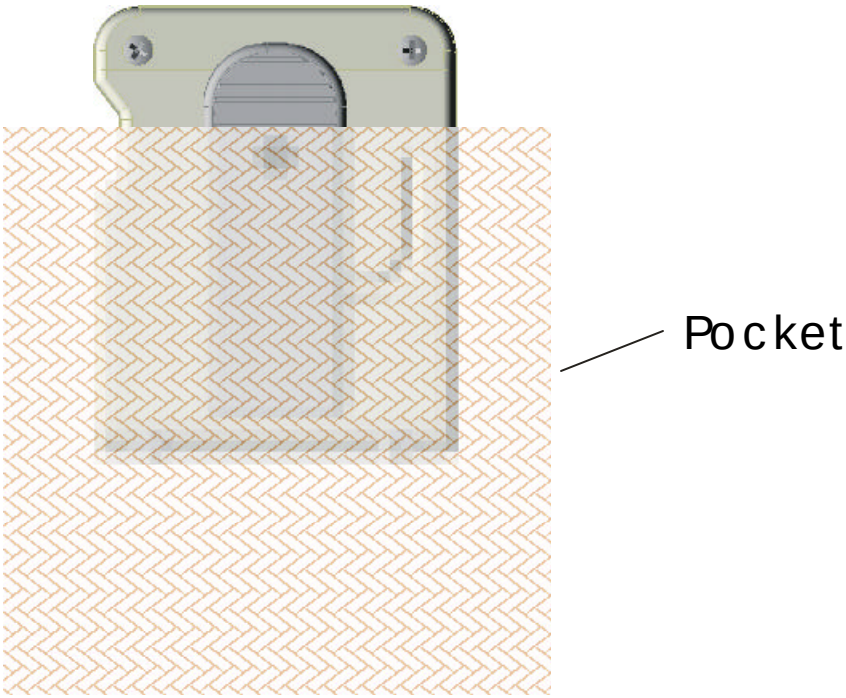
The HealthSensor can be worn on your waist either attached to your belt or the waist of your pants. The HealthSensor pendant comes with a belt clip that is specifically designed to be easy to attach to a belt.

The pendant can be attached by holding the clip and putting it on (figure 1) or by rotating the pendant on and off of the belt (figure 2). Remember to have the picture show the proper final position of the device - upright on the belt.



In a shirt pocket

The HealthSensor pendant can be worn clipped to a shirt pocket. It generally works best with the pendant resting on the inside of the pocket.



Fabrifoam Belt

The pendant can be attached to a fabrifoam belt accessory that is worn on the inside or outside of your clothing. This belt is purchased separately.

Brassiere/Garment Clip

A factory installed, optional brassiere/garment clip can be attached to the front of the HealthSensor unit and the belt clip may be removed. You may use the brassiere/garment clip to attach the unit to a brassiere. The unit may also be clipped to the fabrifoam belt with a smaller profile than the belt clip.

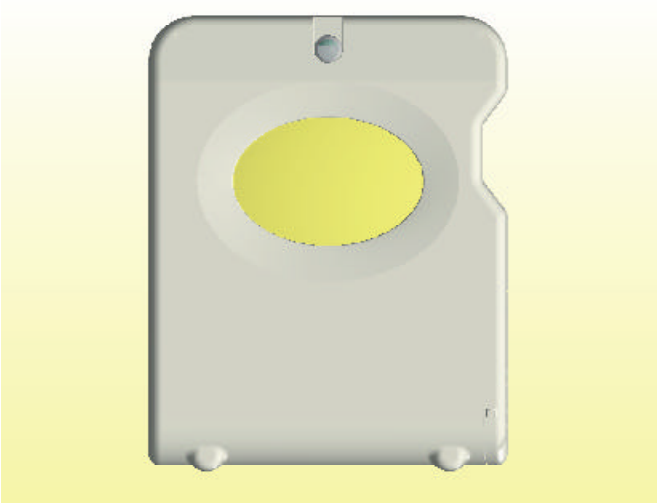
Battery Life of the HealthSensor 100 pendant

The battery life of the HealthSensor pendant is approximately forty-five to sixty days. The HealthSensor pendant is always on and alert while you are wearing it - the Fall Detection sensor is constantly monitoring your position to determine if a fall has occurred.

Low Battery Warnings

When the HealthSensor pendant senses that the triple A batteries inside the unit are low, the LED on the top of the unit will begin to blink about once per second until the battery is completely out of power.

Blinking means Low Battery



The pendant will also send three low battery warnings to the base station in your home. The first low battery warning is sent when there is about four days of battery life left in the unit. The second warning comes when there is about two days and the final warning is sent when there is one day or less of battery life left in the pendant.

CAUTION: If the HealthSensor pendant is not in range of the base station when the battery is low, the base station will not receive the low battery signal and will not be able to alert the monitoring center.

The base station will send a silent alarm to the monitoring center when a low battery condition is received from the pendant. The monitoring center will then call you at a convenient time to remind you to change the batteries in the pendant.

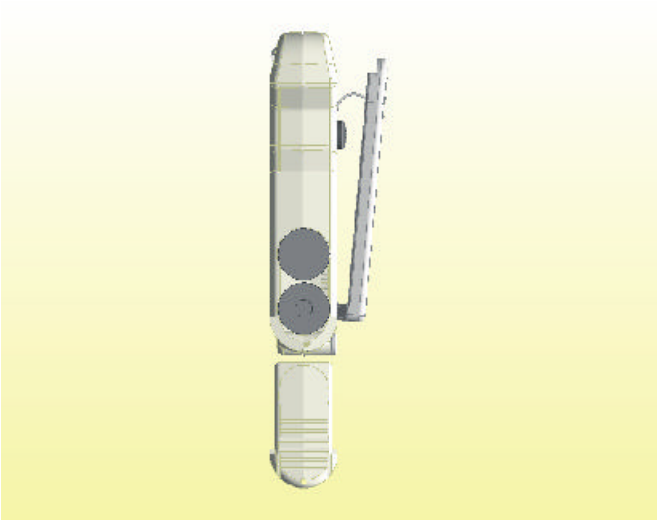
Installing the HealthSensor 100 Pendant Batteries

The HealthSensor pendant takes two triple A alkaline batteries.

CAUTION: Only use fresh batteries of the required size and recommended type and follow all instructions to install them properly.

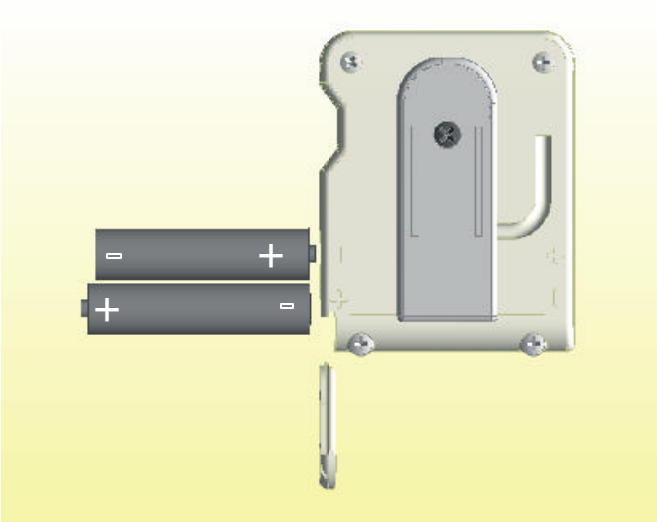
Follow these instructions to install the batteries:

1. Open the battery door in the direction of the arrow to remove it.



Remove the existing batteries from the pendant.

2. Install the batteries in the direction indicated on the back of the cabinet



Close the battery door on the pendant.

3. The LED light on the front of the unit will stay on for about ten seconds after the batteries have been installed to indicate the pendant has power.

4. Test the operation of the device by pushing the help button. This should alert the monitoring center so be sure to respond to the monitoring center when they call that you were testing the device after a change in batteries.

Cleaning the HealthSensor Fall Detection Pendant

If the HealthSensor pendant needs to be cleaned simply wipe the unit with a damp cloth. Before you clean the unit, you may want to turn off the power switch on the base station so that you will not mistakenly send a help call to the monitoring center. After you have cleaned the unit, make sure that you turn the power switch on the base station back on.

SAFETY INSTRUCTIONS

1. Please read all instructions carefully.
2. Test the range of the pendant upon installation of the system
3. Test the operation of the device in connection with the monitoring companies instructions.
4. The unit is not intended to be machine washed or dried.
5. Do not open the cabinet except to replace batteries. Modifying or tampering with the inside of the pendant can cause a malfunction and damage the unit.
6. Use only fresh batteries that are triple A alkaline batteries.

FREQUENTLY ASKED QUESTIONS

Question	Suggestion
The pendant LED light is blinking on and off and will not stop.	This is an indication that the batteries in the pendant are running low. Replace the batteries with fresh batteries. Be sure to follow the instructions closely for replacing the batteries.
The unit alarmed when I took it off and put it down.	The fall detection sensor may have experienced a change in angle with enough force to indicate that a fall has occurred. Be sure to place the unit down gently when you are taking it off so that the unit does not send a fall alert.
	You may have pushed the help button by accident.
Nothing happens when I push the help button.	Be sure that the base station has power. The green power indicator will be on if the unit has power.
	The help button may be out of range. Test the help button from a location that is closer to the base station.
	The pendant has no power. Replace the batteries in the pendant and then retest the unit. The LED on the pendant should stay on for ten seconds after good batteries have been installed.
My pendant got wet and the batteries are corroded.	Replace the batteries.
When I put new batteries in the pendant LED light on the pendant turns on.	When the batteries are replaced the pendant shines for ten seconds.
How do I know the fall sensor works?	Use the fall detection sensor test procedure (it is included in the instructions). Do not try to test the unit by falling down on purpose - you might get hurt!
I dropped the pendant on the floor and it did not alarm. Why not?	The pendant experiences different forces when you fall as compared to when it is dropped by itself on the floor. The pendant is programmed to ignore most of the shocks if you drop it on the counter or floor to reduce false alarms. It may still alarm for a fall some of the time when you drop the unit - just not every time.
I cannot fix the problem.	Call the Monitoring Center for assistance as soon as possible.

Testing the HealthSensor Fall Detection Sensor

DO NOT TEST THE FALL COMPONENT OF THE DEVICE YOURSELF IF YOU ARE AT RISK FOR BROKEN BONES, IF YOU HAVE OSTEOPOROSIS, ARTHRITIS, IF YOU HAVE ANY PAINS IN YOUR HANDS, OR A HISTORY OF BROKEN BONES.

To test the fall detection sensor HealthSensor 100 pendant, you should take the following steps:

(1) Place the HealthSensor 100 pendant in the palm of your hand so the pendant is upright with the button facing outwards;

(2) Hold your hand up with the iLife HealthSensor 100 pendant in it. Your arm should be upright - your palm holding the pendant should be directly above your elbow (like you are taking an oath in court). Keep your arm still for a period of two seconds;

(3) Hold the palm of your other hand out so that it is parallel to the floor (at a 90 degree angle to your upraised hand);

(4) Making a chopping movement, bring your upraised hand with the iLife HealthSensor 100 pendant down into the palm of your other hand to simulate a fall. This step should be done with enough force to simulate a fall. Leave your raised hand down in the palm of your lower hand for at least two seconds so that the HealthSensor 100 pendant registers that a fall has occurred.

(5) This movement should trigger the alarm. The pendant will continue to send an alarm for approximately five seconds so wait that long before resetting the alarm at the receiver (otherwise it may begin to alarm again).

Disclaimer Regarding Fall Detection

Warning: The SOS Industries, Inc. Fall Alert device assists in automatically detecting conditions where the Fall Alert experiences a change in angle combined with a force exceeding a certain G force measurement. This reduces, but does not eliminate the risk, that an individual may experience an event where they require emergency assistance but are unable to obtain assistance on their own. There is a risk that the Fall Alert may not send an emergency signal in the event of a fall or a manual activation resulting in no emergency response despite a true emergency. A false alarm from the Fall Alert system could summon emergency help that is not needed and may result in false alarm fines or damage from forcible entry of emergency personnel into your home.

The user recognizes that a properly installed and maintained personal security system may only reduce the risk of events such as burglary, robbery, personal injury and fire. It does not insure or guarantee that there will be no death, personal injury and/or damage to property as a result. **SOS does not claim that the Product may not be compromised and/or circumvented, or that the Product will prevent any death, personal and/or bodily injury and/or damage to property resulting from burglary, robbery, fire or otherwise, or that the Product will in all cases provide adequate warning or protection.**