argenti
for an independent life

Falls Detector

What is it?

A falls detector is a wearable fall detection device, used by individuals to support independent living. It detects hard falls and raises an automatic alert, while a button also allows users to manually call for help.

Who is it for?

It is suitable for anyone who may be at risk of falling. The falls detector provides extra confidence to people living independently. It can be beneficial for those living with limited mobility, Learning Disablities, older people and individuals experiencing long term health conditions such as epilepsy, diabetes or Parkinson's disease.

Features

- ✓ *Automatic fall detection alert*
- ✓ *Additional manual trigger to raise fall alert*
- ✓ *Vibration and LED light confirmation*
- ✓ *Easily cancelled alerts to minimise false alarms*
- ✓ *Waterproof and shock resistant wearable device*
- ✓ *Hypoallergenic plastic*
- ✓ *Replaceable battery and auto low battery reporting*
- ✓ *Plug and play registration and configuration App*
- ✓ *50m range from hub*

The Falls Package

In the Falls Package you will receive a falls detector, a black wrist strap, a lanyard and the Lifeline base unit (also available as a GSM version). The Lifeline unit is linked through to our 24/7 monitoring centre.

How does it work?

Using advanced technology, the falls detector automatically detects serious falls in the home using a pressure sensor. It immediately raises an alarm, via a lifeline hub, to a monitoring centre or a carer pager.

The sensor, worn on either the wrist or on a pendant around the neck, works with an innovative algorithm which measures loss of altitude and speed, so it can detect if a person falls from an upright position. The wearer can also raise an alert directly from their device.

When an alarm is raised, this is confirmed with a vibration and an LED light. In case of a false alarm, the alert can be easily cancelled by covering the sensor or standing up within 20 seconds.

Benefits

The falls detector uses advanced technology to provide a range of benefits to increase wellbeing:

- ✓ **Peace of mind** *for individuals, family members and carers*
- ✓ **Added confidence** *for people living independently*
- ✓ **Quicker response times** *to attend to serious falls*
- ✓ **False alarms reduced** *with automatic cancellation if the wearer gets up within 20 seconds*
- ✓ **Contact and support** *with monitoring centre and carers*

Note: The fall detection technology does not allow analysis and interpretation of all fall situations. Soft falls, slumping falls, and descent controlled falls against a wall or a chair are not detected.

In spite of its algorithm capabilities and the technology used, not all falls can be detected. This is the reason why the manual trigger remains vital for the user.

Need help?
Contact us - click here