



# Vibby Fall Detector

## What is it?

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

## Who is it for?

Suitable for anyone who may be at risk of falling, Vibby provides extra confidence to people living independently. It can be beneficial for those living with limited mobility or learning difficulties, plus older people and individuals experiencing long term health conditions such as epilepsy, diabetes or Parkinson's disease.

## How does it work?

Using advanced technology, the Vibby automatically detects serious falls in the home using a pressure sensor. It immediately raises an alarm, via a Tunstall telecare 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 can detect if a person falls from an upright position. The wearer can also raise an alert directly from their device.

Any alarm raised is confirmed via 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.

## 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
- Compatible with all Tunstall 869MHz systems
- Plug and play registration and configuration App.
- 50m range from hub

## Benefits

Vibby 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

## The Vibby package

In the Vibby fall detector package you will receive a Vibby fall detector, a black wrist strap and lanyard, plus the programming and configuration app. Red and blue wrist strap options are also available to buy separately. Vibby is compatible with Tunstall Lifeline Digital, Smart Hub, Vi, Vi, Connect, Connect+, 4000, 4000+, Communicall Vi and ViIP.

## Why Tunstall?

We focus on using the latest digital and mobile technology to enable people to feel safe, secure and independent, giving them the freedom to live the life they choose. Our products and those of our partners combine secure digital connectivity and mobile platforms.

## We help you provide...

- **Intelligent, unobtrusive, person-centred care.**
- **Personalised, proactive and predictive services to improve quality of life.**
- **Integrated health, housing and social care.**

**For more information please visit:**

[tunstall.co.uk/vibby](https://tunstall.co.uk/vibby)

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

In spite of its algorithm capabilities considering the technologies used and the target to minimise false alarms, all falls even dangerous-heavy falls cannot be detected, this is the reason why the presence of the manual trigger on the Vibby remains vital for the user. Users should be encouraged to regularly (monthly) test their device by pressing the manual trigger.

## Specification

### Technical

#### Dimensions:

37 x 33 x 12.7mm (L x W x D)

#### Weight:

35g

#### Radio frequency:

European 869 MHz social alarm frequency

#### Waterproof:

IP67 (Up to 1m for 30mins)

#### Radio range:

50 metres

#### Battery:

Supplied with Panasonic CR2477 lithium battery

#### Battery life:

Up to 18 months (battery lifetime subject to usage)

### Standards

#### Radio:

EN 300 220-2

#### CE:

Compliant

#### Radio equipment directive (RED):

Compliant

### Part numbers

<b>Vibby</b>	67605/26
<b>Wrist band (black)</b>	D6654001A
<b>Wrist band Blue</b>	D6654005A
<b>Wrist band Red</b>	D6654003A
<b>Battery O ring seal</b>	D6654020A*
<b>Battery opening tool</b>	D6656001A

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