



## Fall Detector Vibby OAK from Vitalbase



More and more people want a self-determined and independent life – especially as they get older. A major factor which very often makes this no longer possible is the risk of a fall. Often there are serious consequences if no help arrives quickly after a fall. Here a fall detector can provide the remedy.

The Vibby OAK fall detector is equipped with an emergency call button and an automatic alarm trigger in the event of a heavy fall.

In its development, special attention was paid to the fall detector providing the highest level of comfort so it can be worn permanently on the wrist.

Thanks to the waterproof, hypoallergenic plastic, the fall detector can be comfortably worn just like a wristwatch.

There is no need to recharge the internal, replaceable batteries. The Vibby OAK is compatible with the HTS6x and the TA7x series.

### The Phases of the Automatic Fall Recognition \*



\* The Vibby OAK is an intelligent, manual alarm system that in some cases ensures an additional measure of protection insofar as the user is not in a position to trigger the alarm themselves. The Vibby OAK has been developed to recognize heavy / dangerous falls automatically (sudden and quick loss of balance followed by the heavy impact of the body on the ground). A heavy fall means that the wearer remains in a lying position and is not able to get back into an upright position. Not every type of fall can be recognized and interpreted by the technology based on automatic fall recognition.

## Function Description

### Manual Alarm

The emergency call button on the front side of the Vibby OAK is identified by tactile raised dots. By pressing this button in case of emergency, a manual alarm is triggered and transmitted to the TeleAlarm Carephone.

### Automatic Alarm

In addition, a series of sensors and a powerful algorithm ensure that, in the event of a heavy fall, an automatic alarm is triggered and transmitted to the receiving station. To inform the user that a fall has been detected and an alarm will soon be triggered, the fall detector begins to vibrate and flash.

### Cancel Alarm

The automatic alarm is cancelled if the user stands up immediately after the fall (first 20 seconds).

A false alarm can be prevented via a capacitive sensor. To cancel, the Vibby OAK must be fully covered with the hand for two seconds. The hand must be removed as soon as the vibration stops.

The fall detector is waterproof in accordance with protection class IP 67.

It features an automatic daily radio link message and automatic battery monitoring. This cyclical test takes place every 23 hours.

The Vibby OAK is already preconfigured for the TeleAlarm protocol as well as for wearing on the wrist. A special tool must be used for changing the battery.

## Technical Data

Dimensions (H x W x D)	37 x 33 x 12.7 mm
Weight	35 g
Housing	Hypoallergenic plastic
Frequency	869.2125 MHz
Protection Class	IP 67 (EN 60529)
Transmission Range	300 m in a free field
Voltage Supply	Replaceable lithium battery CR2477, 3V from Sony
Battery Service Life	Up to 2 years
Automatic Battery Monitoring	Cyclical test every 23 hours
Permissible Temperature Range	5 °C to 40 °C
Cleaning	With soap and water only



If you have any questions, please do not hesitate to contact us.

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