

Fall Detector

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BOSCH
Invented for life



- ▶ Automatic fall detection
- ▶ Integrated vibration pre-alarm
- ▶ Fall detection can be easily cancelled
- ▶ Permanent surveillance
- ▶ Ergonomic and water-resistant

The Fall Detector is a device equipped with a help call button and an automatic release of an alarm in case of a heavy fall followed by immobility. It was specially developed to be carried on the wrist permanently with maximum comfort for the user in his everyday life. With its waterproof, hypoallergenic plastics and its ergonomic button, the Fall Detector can be conveniently carried as a watch and its internal battery can be replaced.

Functions

The Fall Detector combines a radio transmitter (compatible with the European social alarm standard) with a fall detecting device. Help call and fall detection can be identified thanks to different alarm codes. It is designed to work with Bosch Carephones (6X, 52+, 10 and 12).

When a significant impact occurs, the Fall Detector will start diagnosing the fall. Before the device activates the fall detection alarm, a vibration pre-alarm starts. During this time, the alarm can be cancelled by moving the arm. This avoids false alarms.

The Fall Detector is also able to avoid any false alarm by analyzing the fall and detecting if it should send an alarm or not. Indeed, the automatic trigger will only be

activated if the person wearing the Fall Detector is not able to push the button, for example in case of unconsciousness or immobility. The fall detection is not activated in all fall situations, especially in situations where no significant impact occurs.

Certifications and Approvals

CE
EN 50371
EN 55022
EN 50130-4 A1 & A2
EN 300220-2
EN 301489-1,3
EN 60950-1

Parts Included

Quant.	Component
1	Fall Detector
1	Operating instructions

Technical Specifications

Dimensions	Ø 41.4 mm x 17.4 mm
Weight	35 g
Housing	Hypoallergenic ABS
Frequency	869.2125 MHz
Protection class	IP 67
Power supply	Replaceable lithium battery CR2477, 3V
Battery life	Typically 2 years, under the following conditions: 1 alarm transmission per day
Permissible temperature	0 °C to 40 °C
Stability	< 2.5 kHz
Modulation	FSK
Antenna	Integrated loop
Radiated power	200 µW
Environmental class	II
Maximum range in free field	150 m

Ordering Information

Fall Detector

for Carephones 6X, 52+, 10 and 12

Order number **CRS-FD869-TA**

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