

Carephone 61

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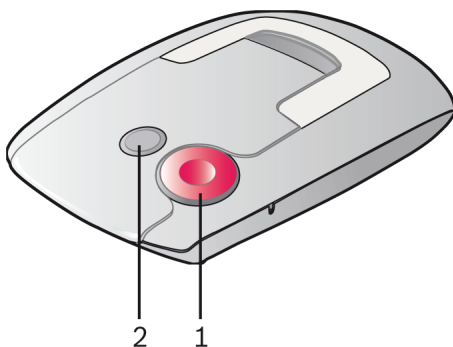
BOSCH
Invented for life



- ▶ Compatible with analog, IP and GSM/GPRS telephony
- ▶ Fast and easy programming with a microSD card
- ▶ Contemporary design
- ▶ DTMF-free protocol

The Carephone 61 offers multiple innovations that will help you manage your social alarm service easily, efficiently and economically. It offers the possibility to communicate through IP or GSM telephony, in addition to analog landline telephony. A “plug and play” programming function is now available with a microSD port.

System overview



1. Red emergency call button
2. Grey S button

Functions

Multi-purpose buttons

In case of an emergency, the Carephone 61 sends an alarm via the telephone network, either to a monitoring center or to another person's telephone. The emergency call is triggered by pressing the red button on the Carephone 61, or on the button of the wireless transmitter that is delivered with the device. The grey S button is a multi-purpose trigger: pressing it cancels an emergency call, but it can also be configured to be used as a service button, a direct call button. When the Carephone 61 is in standby, pressing the grey S button announces the unit status.

Multiple protocols

The Carephone 61 is capable of multiple protocols and therefore compatible with most social alarm monitoring tools available on the market. In addition, the Carephone 61 can be used optionally with ethernet VoIP or GSM/GPRS connections.

GSM connectivity

The Carephone 61 can be equipped with an optional GSM module. This allows the Carephone 61 to be placed anywhere in the home and used without having a landline available. Moreover, installing and programming is easy.

Multiple programming possibilities

The Carephone 61 can be programmed directly with the integrated keyboard, locally with a microSD card, remotely from a monitoring center or with a configuration manager that can program and read a microSD card. Using a microSD card to update settings on the Carephone 61 allows a genuine “plug and play” programming of the unit, sparing installers time and complication.

Certifications and approvals

EMC 2004/108/EC, R&TTE 1999/5/EC, LVD 2006/95/EC, 2009/125/EC, RoHS 2011/65/EU

EN50134-2

EN50134-3

EN301489-3

EN 300220-2 Category 1 radio receiver

EN60950-1

EN50371

EN50130-4

EN50581

Conducted sensitivity typ. -115 dBm

Field sensitivity < 32 dBµV/m

Adjacent channel selectivity > 54 dB

Adjacent channel saturation > 87 dB

Spurious response > 60 dB

Blocking > 84 dB

Blocking saturation > 44 dB

Parts included

Quantity	Component
1	Carephone 61 including rechargeable battery
1	Wireless transmitter including battery, bracelet, and pendant or Carewatch
1	Power adapter
1	Phone or network cable
1	Quick user guide
1	Quick programming guide
1	User manual

Technical specifications

Dimensions (H x W x D)	55 x 160 x 230 mm
Weight	approx. 0.7 kg
Permissible temperature (environment/storage)	+5 °C to +40 °C / -20 °C to +60 °C
Relative humidity	85%
Switched-mode power supply	Adapter 230 V primary, 7.5 V secondary
Battery backup	4.8 V NiMH battery, 1.6 Ah
Battery lifetime	- typically 130 hours, min. 120 hours with one 30 minute call - with IP module: typically 40 hours, min. 30 hours with one 30 minute call - with GSM module: typically 48 hours, min. 30 hours with one 30 minute call Values at date of purchase and a fully charged battery
Current consumption	approx. 85 mA in standby, power supply approx. 10 mA in standby on battery
Phone line connection	PSTN, Ethernet/VoIP, GSM/GPRS
Dial mode	Tone dial
Radio receiver	Class 1
Frequency	869.2125 MHz
Environmental class	Class 1
Protection class	IP32 (IP30 wall mounting) IP67 (wireless transmitter)
Max. number of wireless transmitters & detectors	10
Programmable call numbers	10 call numbers: up to 22 digits, freely assignable to any type of trigger group.
Voice message	Recordable
Volume settings	8 levels
Emergency call protocols	Multi-protocol enabled: RB2000E, ANT, CPC, BS8521, TTnew, RBIP
Programming possibilities	- integrated keyboard - microSD card - remote (monitoring centre) - configuration manager Programming is protected by PIN code
Available languages	German, Dutch, French, English, Spanish, and tone only
User guidance	Voice output and LED indication
Accessibility	Synthetic speech disabled mode
Inputs and outputs	- 1 input & 1 relay output (max. 30 VDC) - microSD port - serial connection - IP connection (optional) - GSM connection (optional) - external loudspeaker and microphone