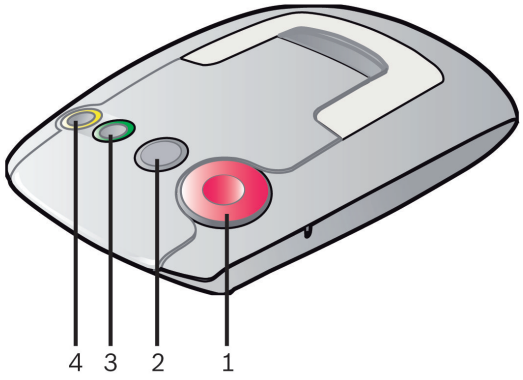
TeleAlarm®
swiss design

Carephone 62

- **Compatible with analog, IP and GSM/GPRS-Telephony**
- **Fast and easy programming with a microSD card**
- **Contemporary design**
- **DTMF-free protocol**
- **Wide range of associated transmitters and detectors**

The Carephone 62 offers multiple innovations that help you manage your telecare service easily, efficiently and economically. It can 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
3. Sign in / sign out button
4. Activity monitor reset button

Functions

Multi·purpose buttons
In case of an emergency, the Carephone 62 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 62, 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 62 is in standby, pressing the grey S button announces the unit status.
Pressing the sign in/sign out button teils the Carephone 62 whether the user is currently at home or not.
Finally, the Carephone 62 includes a built-in activity monitor, which can be activated or deactivated with the activity monitor reset button.

Multiple protocols
The Carephone 62 is capable of multiple protocols and therefore compatible with most telecare monitoring tools available on the market.
In addition, the Carephone 62 can be used optionally with ethernet VoIP or GSM/GPRS connections.

GSM connectivity
The Carephone 62 can be equipped with an optional internal GSM module.
This allows the Carephone 62 tobe placed anywhere in the home and used without having a landline available.
Moreover, installing and programming is easy.

Multiple programming possibilities
The Carephone 62 can be programmed directly with the integrated keyboard, locally with a microSD card, remotely from a monitoring center or by a configuration manager that reads a microSD card.
Using a microSD card is a “plug and play” process, sparing installers time and complication.

Interactivity with transmitters and detectors
A wide range of wireless transmitters and detectors can be used along with the Carephone 62, for example the Tx Transmitter or S37 Transmitter, as weil as the Motion Detector or Smoke Detector.

Certifications and approvals

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

EN 50134-2

EN 50134-3

EN 301489-3 .

EN 300220-2

EN 60950-1

EN 50371

EN 50130-4

EN 55022

EN 50581

EN 301511

EN 301489-7

Cond ucted 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 62 including rechargeable battery
1	Wireless transmitter including battery, bracelet, pendant
1	Poweradapter
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	Category 1
Frequency	869.2125 MHz
Environmental dass	Class 1
Protection class	• IP32 (IP30 wall mounting) • IP67 (wireless transmitter)
Max. number of wireless transmitters & detectors	20
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

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