


**BOSCH**

Invented for life

# Carephone 10



- ▶ **Fast and easy installation**
- ▶ **Excellent two-way speech quality**
- ▶ **Reliable operation through main unit and transmitters monitoring**
- ▶ **Easy to enable or disable unused buttons**

The Bosch Carephone 10 is an easy-to-install and easy-to-operate home emergency call device. With the compact and attractive case, the Carephone 10 forms the basis of the Bosch emergency call system. Its programming flexibility makes it ideal for a variety of applications.

## System Overview



1. Red alarm button
2. Microphone
3. Green button (optional - can be covered)
4. Yellow button (optional - can be covered)
5. LED indicator
6. Loudspeaker

## Functions

The Bosch Carephone 10 has been developed with ease of use in mind. Through removable button covers, the unit can be equipped as a one, two or three button device. This simplifies user operation if no activity monitoring or service option is programmed for particular buttons and provides the user with maximum confidence.

The system is designed for minimal installation time. The carephone can be installed and programmed to the needs of the user in a matter of minutes. Customized low-cost applications can be designed with the expansion of the system via cordless accessories providing the end-users the best solution for their particular needs.

After an alarm is initiated, a speech connection is established automatically with a monitoring center manned 24 hours a day. The built-in two-way speech function enables the end-user to easily and confidently communicate his needs and provides the staff in the monitoring center a high quality reliable communication to the end-user.

The main unit and the wireless transmitter are both fully supervised. In the event of empty batteries or power failure, the monitoring center or appropriate staff is informed automatically. A built-in storage battery allows the unit to operate without power for at least 72 hours.

The Bosch Carephone 10 supports most protocols currently used on the carephone market. In addition, the system is able to call an existing DECT telephone in assisted living facilities or be connected to an existing NurseCall system using a Social Alarm Management System.

## Certifications and Approvals

CE

### Receiver frequency parameters (as per EN 50134-3/5.6):

Conducted sensitivity	- 110 dBm
Field sensitivity	29 dBm V/m
Co-channel rejection	- 8 dB
Adjacent channel selectivity	18 dB
Spurious response, mirror selectivity	30 dB
Intermodulation response rejection	26 dB
Blocking	82 dB ( $\pm 10$ MHz) 1 dB ( $\pm 5$ MHz) 48 dB ( $\pm 2$ MHz) 3 dB ( $\pm 1$ MHz)

## Installation/Configuration Notes

### Installation

The Carephone 10 is easy to install. It is connected to the telephone network with a telephone plug and is supplied with power through an adapter. If power failure occurs, a rechargeable battery supplies the carephone with power for at least 72 hours. Programming is done locally or remotely from a PC with a programming unit.

Installation is performed by a speech-supported programming unit, or by PC programming, as required. The software ensures reliable and simple programming. Each device-programming sequence is thereby documented, and can be printed out. Remote programming is also available if needed.

### Configuration

An alarm can be triggered by the red button on the device, the wireless pendant, or the wrist transmitter. A speech connection is established automatically with a monitoring center manned 24 hours a day enabling help to be summoned rapidly and individually in an emergency.

The third button can optionally be programmed for activity monitoring or as a service key. Via this function it is possible to implement services which extend beyond the pure emergency call function, such as those which would be applicable to assisted living facilities.

## Parts Included

Quant.	Component
1	Carephone 10
1	S37 transmitter with accessories
1	Power adaptor
1	Telephone wire
1	User manual
1	Wall mounting set

## Technical Specifications

Power supply	230V primary, 10VAC secondary
Backup power supply	6VDC, 1.2 Ah, NiMH rechargeable battery. Sufficient for at least 72 hours (without extension boards)
Current consumption	280 mA. 15 mA in standby (without extension boards)
Telephone connector	Country specific
Dialing procedure	Tone, Pulse
Frequency	869.2125 MHz
Receiver Class	II (EN 300220)
Max. number of transmitters	4
Max. number of telephone numbers	6 (including 2 technical alarms)
Audio volume	Preset by potentiometer and adjustable during conversation
Protocols supported	Multiple protocols
Programming	Remote or by separate programming tool (PC)
Programming languages	English, German, Dutch, Spanish, Swedish
Inputs/ outputs	3 inputs, 1 relay output (optional)
Dimensions	205 x 235 x 40 mm
Weight	0.7 kg

## Ordering Information

<b>CRS-AN-S24FM Carephone</b> Carephone 10 with S37 transmitter (869). Austrian version.	<b>CRS-AN-S24FM</b>
<b>CRS-AN-S24FMI Carephone</b> Carephone 10 with S37 transmitter (869). Austrian version. Basic AUX.	<b>CRS-AN-S24FMI</b>
<b>CRS-AN-S24FMA Carephone</b> Carephone 10 with S37 transmitter (869). Austrian version. Adv. AUX.	<b>CRS-AN-S24FMA</b>
<b>CRS-AN-S02FMI Carephone</b> Carephone 10 with S37 transmitter (869). German version. Basic AUX.	<b>CRS-AN-S02FMI</b>

### Ordering Information

<b>CRS-AN-S02FMA Carephone</b> Carephone 10 with S37 transmitter (869). German version. Adv. AUX.	<b>CRS-AN-S02FMA</b>
<b>CRS-AN-S22FMI Carephone</b> Carephone 10 with S37 transmitter (869). Dutch version. Basic AUX.	<b>CRS-AN-S22FMI</b>
<b>CRS-AN-S22FMA Carephone</b> Carephone 10 with S37 transmitter (869). Dutch version. Adv. AUX.	<b>CRS-AN-S22FMA</b>
<b>CRS-AN-S08FMI Carephone</b> Carephone 10 with S37 transmitter (869). Swedish version. Basic AUX.	<b>CRS-AN-S08FMI</b>
<b>CRS-AN-S08FMA Carephone</b> Carephone 10 with S37 transmitter (869). Swedish version. Adv. AUX.	<b>CRS-AN-S08FMA</b>
<b>CRS-AN-S04FMI Carephone</b> Carephone 10 with S37 transmitter (869). British version. Basic AUX.	<b>CRS-AN-S04FMI</b>
<b>CRS-AN-S04FMA Carephone</b> Carephone 10 with S37 transmitter (869). British version. Adv. AUX.	<b>CRS-AN-S04FMA</b>
<b>CRS-AN-S16FMI Carephone</b> Carephone 10 with S37 transmitter (869). Spanish version. Basic AUX.	<b>CRS-AN-S16FMI</b>
<b>CRS-AN-S16FMA Carephone</b> Carephone 10 with S37 transmitter (869). Spanish version. Adv. AUX.	<b>CRS-AN-S16FMA</b>

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