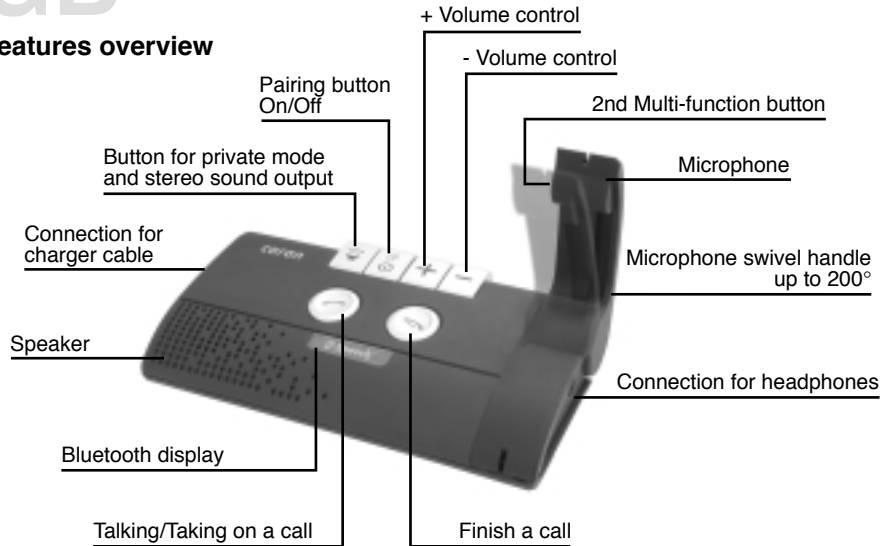


# GB

## Features overview



## Introduction

### Short introduction in the wireless technology Bluetooth

Bluetooth is a wireless communication technology with short range. It enables a wireless communication between devices with Bluetooth interfaces, such as mobile phones, Personal Digital Assistants (PDA), Desktops and Notebooks, input / output devices ( mouse, keyboard, printer) and domestic appliances. Bluetooth complies with the world wide standards for radio operating in the ISM-Band (industrial, scientific and medical frequency band). Within the ISM-Band ( 2,4 GHz to 2.48 GHz) Bluetooth can jump 1,600 time per second between 79 different frequencies with a range up to 10 meters (Class II).

### Caran Bluetooth-Handsfree system

Caran is a Bluetooth - device, the newest of which has been equipped with Bluetooth technology Version 1.2. It is a multi-function device to be used in car, office and in leisure.

### Contents

- Caran
- 12 / 24 car charging cable
- Power supply
- 3 re-chargeable batteries AAA –NiMH
- Fastening clip, usable on both sides
- Stereo-headset
- User manual

### Proprieties / Technical data:

- Bluetooth V1.2 (Class II) is compatible with the Headset- and Handsfree- Profile.
- Adaptive Frequency Hopping (AFH). Less susceptible to interference.
- 65% faster connection time.
- Extensive reduction of disturbance from other radio technology, eg. WLAN.
- 10 Meters range
- Supports vocal dialing – If supported by the mobile phone.
- Re-dial of the last dialed phone number.
- DSP (Digital Signal Processor) to decrease noise and echo.
- Full Duplex
- Display of the state of charge of the battery.
- Rechargeable batteries AAA Lithium.
- 2 buttons for taking on the call on the microphone handle, therefore no adjustment is needed when the sun shade is in the down position.
- Adjustment of the microphone's swivel handle up to an angle of 200 degrees for easy line up on the sun screen.
- Compatible with all Bluetooth competent mobile phones.
- Firmware-Update possible.
- Stand by : 15 days.
- Talk time: 9 hours (depending on the battery and phone types.)
- Size: 120mm wide x 70mm deep x 23mm height

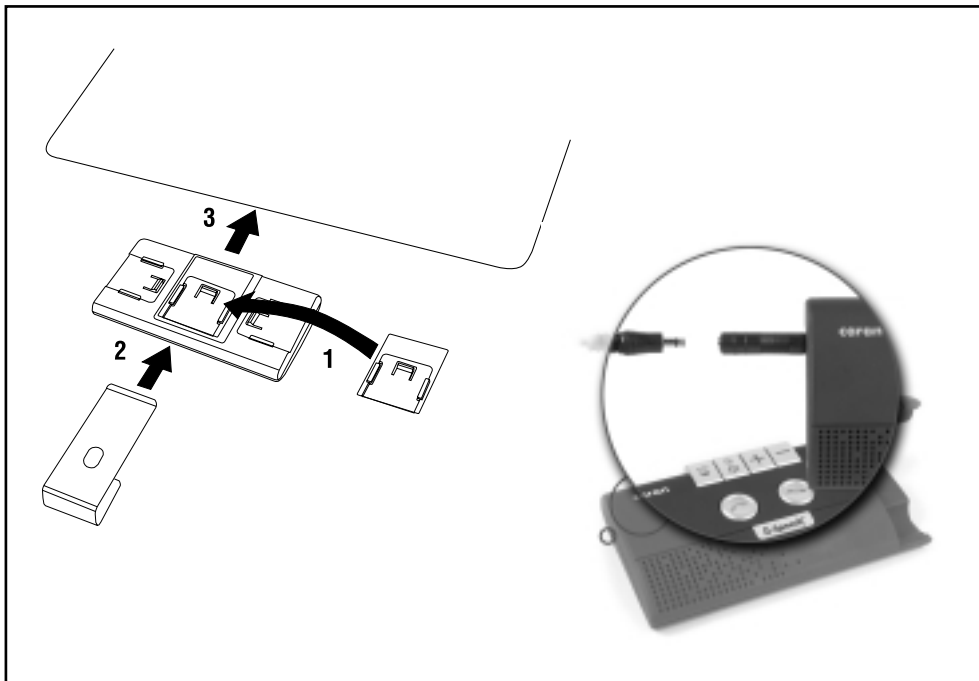
### Installation

- Open the battery department and insert the 3 rechargeable batteries.
- Close the battery department.
- Now connect the cable charger / power unit with the CARAN using the adapter. The red LED (left) lights up and the CARAN is charging.

**BATTERY NOTE! Before first use, fully charge the batteries for 4 to 6 hours.**

- Press the On/Off button to start CARAN.
- The green LED lights up and the CARAN is ready.
- Start the pairing process (as describe further down) between the CARAN and your mobile phone.
- Fasten the sun screen clip at the back of the CARAN.
- The CARAN can now be clipped over the side of the sun shade.
- Adjust the microphone swivel handle for an optimum transmission to an angle of about 120°.

**NOTE! If the microphone handle is closed, it can happen that there may be some echo feedbacks at the side of your talking partner.**



**Turning the device On/Off**

The device is turned on or off by pressing on the On/Off button for 3 secs.. When ON, the green LED (right) flashes every 2 sec. Now the device is on stand by mode.

**Pairing**

The CARAN and your mobile phone must be paired before being used together. The CARAN automatically chooses the "Handsfree" or "Headset" profile and pairs it with the mobile phone. Details of the pairing process:

**Note:** Place your mobile phone and the Caran at a max. distance of 20cm apart.

1. Turn the CARAN off..
2. Keep the ON/OFF key down for about 8 sec. until both the ON sound and the Pairing sound can be hear. The red and the green LED now flash alternatively.
3. Activate the Bluetooth function of your mobile phone and follow the method for pairing of your mobile phone in its user manual. The CARAN will be found by your mobile phone. Choose the CARAN from the list displayed by your mobile phone. Your phone will ask for the pairing code. Enter "1234". This code is fixed at manufacture and can not be changed.
4. The CARAN is now paired with your mobile phone. Both devices are ready for use.

**Important:** If the pairing process fails, repeat the process. Once the connection is successful, the CARAN is ready. You can then phone wirelessly, if the mobile phone is properly set up.

**Note:**

1. If you want to stop the pairing process, presson the Pairing button again. The CARAN in standby mode.
2. Adjust the CARAN for a comfortable level of volume.
3. Adjust the microphone swivel handle for an optimum transmission to an angle of 120'.

**Taking / Refusing a call**

Press on the green "call taking" button to accept a call.

Press on the red "call refusing" button to refuse a call.

**Vocal dialing function**

Make sure that your mobile phone accepts vocal dialing. Activate the vocal dialing function of your mobile phone first and record the vocal commands. Press the green "call taking" in standby mode. Once you hear a beep, speak the stored name and the corresponding stored number will be dialed.

**Re-dial of the last dialed phone number**

Press on the red "call refusing" button in standy mode. The last dialed number will automatically be re-dialed.

**Second multi-function button**

- a) Incoming call  
Conversation starts by pressing the multi-function button in the microphone handle once.
- b) Ending a call  
Press again on the multi-function button in the microphone handle for 2 – 3 sec. to end the conversation.
- c) Forwarding a call to the mobile phone  
If you wish to forward a call to your mobile, press the multi function key for about 1 sec.
- d) Vocal dialing  
Press on the multi function button in standby mode to activate the vocal dialing.

**Note:** Some mobile phones do not have vocal dialing.

You will find further tips and references in the compability list at [www.b-speech.de](http://www.b-speech.de).

**Indicator of the state of the batteries**

If the charge of the batteries is low, you will be warned every 40 seconds by a flash of the indicator and a BiBiBiBi sound. The red LED lights up as well. Please charge your batteries immediately.

**Batteries charging**

The CARAN uses, among others, 3 re-chargeable AAA batteries. The batteries are not fully charged when you unpack the CARAN. We advise you to fully charge the batteries before first use, i.e. until the indicator for the state of the batteries goes off.

The indicator of the state of the batteries lights up while charging takes place. Once the batteries are fully charged, it goes off.

**Volume control**

Press on Speaker + or Speaker – to adjust the volume.

Warning: Feedback or echo can take place while conversing if the volume is set up to high.

**Private mode**

Press the button with the speaker symbol to go to private mode. The conversation will then be directed to the stereo-headset. (Please, be aware that while driving, you are only allowed to use one ear-phone).

**Stereo mode**

The Caran can be used with the delivered stereo-headset as stereo-receiver and as handsfree device (only possible with compatible software, e.g. IVT Version 1.6.4 plus).

**Examples of utilisation:**

Pair the CARAN with your Bluetooth capable music player (eg: PC, MP3 player). Then pair the CARAN with your mobile phone.

You can receive the music wirelessly from the CARAN. When your mobile phone receives a call, the CARAN switches automatically from the music to the conversation and back to the music when the conversation is ended.

**Warning:**

1. Please, never open the CARAN yourself, get in touch with your local service partner.
2. The temperature range for use is between  $-10^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ . Use at other temperatures damages the device.
3. Only charge the Caran with the car charging cable delivered with the CARAN.

**Battery warning!**

- Charge the batteries before use
- Never charge Alkaline Batteries
- Danger of explosion if exposed to open fires
- If your eyes get in contact with battery liquid, wash out the eyes with clear water immediately and contact your doctor.
- Do not open batteries
- Do not put batteries in contact with liquid
- Do not short-circuit batteries, or put them in contact with metal.
- Do not mix different types of batteries, or new with old
- Temperature range of use –  $0^{\circ}\text{C}$  up to max.  $50^{\circ}\text{C}$
- Keep batteries away from children
- Do not put batteries in your mouth
- Do not dispose of the batteries in the domestic rubbish.

**Please note:**

„You are as driver responsible for having your vehicle under control at all time.

You should while driving, never converse through your mobile phone, write or read SMS or look at MMS. Surveys have revealed that drivers are a higher security risk when telephoning while driving.

We advise you strongly, as a driver, to use a handsfree device while driving and to stop your vehicle before having important conversations on your mobile phone.“

**Warranty and parts replacement****Dear customer,**

Our products are subject to a strict quality control. However, should you have problems, please contact your seller or [www.B-Speech.de](http://www.B-Speech.de). You will then get help rapidly.

Please, note :

- The warranty is limited to the original purchaser.
- A copy of your receipt or other proof of purchase is required. Without proof of purchase, your warranty is defined as beginning on the date of manufacture as labeled on the products.
- The warranty is void if the serial number, date code label or product label is removed, or if the product has been subject to physical abuse, improper installation, modification, or repair by unauthorized third parties.
- The responsibility for our products is limited to the repair or replacement of the product at our discretion.
- All warranty on our products is limited to two years from the date of purchase.
- Specifically exempt from any warranty are limited-life consumable components subject to normal wear and tear, such as microphone, decorative finishes, batteries, and other accessories.