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Car Radio | CD | MP3 | WMA



Hamburg MP68

7 648 012 310



Operating and installation instructions  
Mode d'emploi et de montage  
Instrucciones de manejo e instalación  
Instruções de serviço e de montagem  
操作及安裝手冊  
사용 및 장착 설명서



**BLAUPUNKT**







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## About these instructions

### About these instructions

These instructions contain important information to easily and safely install and operate the device.

- Read these instructions carefully and completely before using the device.
- Keep the instructions at a location so that they are always accessible to all users.
- Always pass on the device to third parties together with these instructions.

In addition, observe the instructions of the devices used in conjunction with this device.

### Symbols used

These instructions employ the following symbols:



#### **DANGER!**

Warns about injuries



#### **DANGER!**

Warns about accidents



#### **DANGER!**

Warns about hearing loss



#### **CAUTION!**

Warns about laser beam



#### **CAUTION!**

Warns about damaging the CD drive



The CE mark confirms the compliance with EU directives.

➔ Identifies a sequencing step

- Identifies a listing

### Use as directed

This device is intended for installation and operation in a vehicle with 12 V vehicle system voltage and must be installed in a DIN slot. Observe the 'performance limits in the technical data. Repairs and installation, if necessary, should be performed by a specialist.

### Declaration of conformity

The Blaupunkt GmbH declares that the Hamburg MP68 device complies with the basic requirements and the other relevant regulations of the directive 1999/5/EG.





## Safety Notes

The device was manufactured according to the state of the art and established safety guidelines. Even so, dangers may occur if you do not observe the safety notes in these instructions.

### If you are installing device yourself

You may only install the device yourself if you are experienced in installing car sound systems and are very familiar with the electrical system of the vehicle. For this purpose, observe the installation instructions at the end of these instructions.

### Observe the following!



#### CAUTION!

**The device contains a Class 1 laser that can cause injuries to your eyes.**

- Do not open the device and do not perform any modifications.

#### In operation

- Operate the device only if traffic situation permits it! Stop at a suitable location to perform extensive settings.
- Remove or attach the control panel only while the vehicle is standing an.
- To protect your hearing, always listen at a moderate volume.

During mute phases (e.g. when changing Travelstore, CD changer), changing the volume is not audible until after the mute phase. Do not increase the volume during this mute phase.

- Always listen at a moderate volume so that you can always hear acoustic warning signals (e.g. police).

### Cleaning notes

Solvents, cleaning and scouring agents as well as dashboard spray and plastics care product may contain ingredients that will damage the surface of the device.

- Use only a dry or slightly moistened cloth for cleaning the device.
- If necessary, clean the contacts of the control panel regularly using a soft cloth moistened with cleaning alcohol.

### Disposal note



Do not dispose of your old unit in the household trash!



Use the return and collection systems available to dispose of the old device.



Do not discard the depleted battery of the remote control in the household trash, but return it to the corresponding collection centres.



## Scope of delivery

### Scope of delivery

The scope of delivery includes:

- 1 Hamburg MP68
- 1 Operating/installation instructions
- 1 Cloth case for the control panel
- 1 Support frame
- 2 Disassembly tools
- 1 USB connecting cable
- 1 Microphone for Bluetooth phone calls
- 1 Microphone connecting cable (for plug housing chamber D)
- 1 Plug housing chamber D
- 1 Connecting cable chamber A (power supply and more)
- 1 Connecting cable chamber B (loud-speaker)
- 1 Connecting cable chamber C1 (Line-Out)
- 1 Set of small parts
- 1 Handheld remote control
- 2 Batteries (type AAA)

### Optional equipment (not part of the scope of delivery)

Use only accessories approved by Blaupunkt.

### Command and Control (C'n'C)

This device supports the command-and-control interface (C'n'C) of Blaupunkt. The C'n'C interface allows an even more convenient control of devices and data carriers that

are connected via a C'n'C-capable interface with the car sound system (see also Bluetooth/USB interface and iPod®/USB interface).

### Note

Please note that the current software of this device may not yet offer any C'n'C support. In this case, the menu items "CDC ON" and "C'n'C EDIT" are not available in the "Syst" system menu.

Your device can be rendered C'n'C-capable by means of a software update. Information about the availability of this software and the download can be found under [www.blaupunkt.com](http://www.blaupunkt.com). To install new software, please read the section "Updating the device software" in the chapter "Additional settings".

### Steering wheel remote control

A steering wheel remote control allows for safely and conveniently operating the basic functions of your car sound system from the steering wheel.

You cannot switch the device on/off using the remote control!

You can find out from your Blaupunkt dealer or on the Internet at [www.blaupunkt.com](http://www.blaupunkt.com) which remote controls can be used with your car sound system.

### Bluetooth/USB interface

For Bluetooth applications, such as wireless hands-free calling and Bluetooth streaming, you can connect a Bluetooth interface. The Bluetooth/USB interface provides an additional USB connection.





The Bluetooth/USB interface is also available in a C'n'C-capable version or can be rendered C'n'C-capable with a software update.

Information about the Bluetooth/USB interface is available at your Blaupunkt specialised dealer or on the Internet under [www.blaupunkt.com](http://www.blaupunkt.com).

### **iPod®/USB interface**

With the iPod® interface or the iPod®/USB interface, you can connect an iPod® to the radio device and conveniently control the playback via the radio device. The iPod®/USB interface provides an additional USB connection.

The iPod®/USB interface is also available in a C'n'C-capable version or can be rendered C'n'C-capable with a software update.

Information about the iPod®/USB interface is available at your Blaupunkt specialised dealer or on the Internet under [www.blaupunkt.com](http://www.blaupunkt.com).

### **Amplifier**

You can use all Blaupunkt and Velocity amplifiers.

### **CD changers**

You can connect the following Blaupunkt CD changers:

CDC A 03, CDC A 08 and IDC A 09.



## Device description

### Device description

#### What can the device do?

In addition to the tuner, the device features an integrated CD player for playing audio CDs and MP3/WMA CDs. The built-in Bluetooth module and the microphone connector allow the hands-free use of a phone via the car sound system. In addition, the following external audio sources can be connected and used:

- Blaupunkt interfaces
- Either a CD changer or an external audio source, e.g. MiniDisc or MP3 player, via the rear AUX socket (REAR-AUX-IN socket)
- USB medium (player, stick or disk) with MP3 or WMA files
- Navigation device or telephone (Tel/Navi Line-In)







For further details, please read the installation instructions.

### Controls





## Device description

- ①  button  
for folding out the control panel
- ② **OK** button  
In menus: Calling up menu items and confirming settings (press short)  
Scanning tracks/radio stations (SCAN function; press for longer than 2 seconds)
- ③ On/Off button  
Switch-on, muting sound (press short)  
Switch-off (press for longer than 2 seconds)
- ④ Volume control
- ⑤ Display
- ⑥ **MENU** button  
Calling up a menu
- ⑦ **AUDIO** button  
Calling up the audio menu for sound settings
- ⑧ **SRC** button  
Selecting an audio source
- ⑨ Alphanumeric keys  
Radio mode (0 - 9): Selecting stored stations (press short), storing stations (press for longer than 2 seconds)  
In menus: Entering, for example, PIN codes, phone numbers and names
- ⑩ Rocker switch < and > as well as  and   
In menus and in radio mode: Selecting submenus and menu items/functions  
In other operating modes (e.g. CD or MP3 mode): Selecting track, CD and directory
- ⑪ **DIS/ESC** button  
Exiting the menu and changing to the display of the audio source, selecting the display mode (e.g. MP3 browse mode in MP3 display)
- ⑫  button (Reject button)  
Rejecting/ending an incoming call
- ⑬  button (Answer button)  
Making/answering a call
- ⑭  button  
Ejecting CD from CD drive
- ⑮ CD drive



# Theft protection

## Device card

In case of a theft, the device card on the back of these instructions together with the purchase receipt is your proof of ownership. Please enter the serial number of the device on the card. The serial number is located on the side of the device and poss. also on the original box.

## Detaching/attaching the control panel

You can detach the control panel to protect against theft.

### CAUTION!

#### Damage to the control panel

Impacts and dirt can damage the control panel.

- Transport the control panel only in its case so that it is protected against impacts and the contacts are protected against dirt.
- Do not touch the contacts on the rear side with your fingers.

To detach the control panel,

➡ press the  button ①.

The control panel opens to the front.

➡ Remove the control panel from the brackets by carefully pulling it out.

To re-attach the control panel,

➡ carefully push the control panel into the brackets until it engages and fold it back into the slot.

### Note:

The device is worthless to a thief without the control panel. Always take the control panel with you when leaving the vehicle. Do not keep the control panel inside the vehicle - not even in a hiding place.



## Startup

This chapter contains information about switching the device on and off, adjusting the volume, performing menu settings, and resetting the device to the factory settings. It also provides information about connecting a USB medium and correctly inserting a CD in the device.

### Switching the device on/off

The device is switched on or off with the ignition. The introductory animation starts and can be cancelled with the **OK** button ②. The device plays the audio source you previously listened to.

To manually switch on the device,

➡ press the On/Off button ③.

To switch off the device,

➡ press and hold the On/Off button ③ for approx. 2 seconds.

#### Note:

To protect the vehicle battery if the ignition is switched off, the device automatically switches off after one hour.

### Adjusting the volume



#### DANGER!

#### High volume

Excessive volume can damage your hearing and you may fail to hear acoustic warning signals!

- The device mutes itself while it changes the CD in the CD changer or the audio source. During this mute phase, the volume may be changed, but it is not audible. Do not increase the volume during a mute phase.
- Always set the device to a moderate volume.

➡ Turn the volume control ④.

The current volume is shown on the display and used for all audio sources.

#### Note:

The volume can also be changed during a phone call/navigation announcement using the volume control ④ for the duration of the phone call or the announcement.

### Muting the device

➡ Briefly press the On/Off button ③.

The display shows "MUTE".

To cancel the mute function,

➡ briefly press the On/Off button ③ again.

OR:

➡ Turn the volume control ④.



## Startup

### Overview of the menu operation

The different basic settings of the device and many functions of the different operating modes are available via menus:

- In the System menu, you perform the basic settings for the device (e.g. display brightness and colour, power-on volume and volume for traffic announcements, telephone calls and more, time, scan time and settings for C'n'C and AUX mode).
- In the Audio menu, you perform sound settings (e.g. bass, treble, volume distribution, equalizer).
- In the menu of the respective operating mode (e.g. tuner or CD mode), you can perform settings for the current operating mode and select functions.

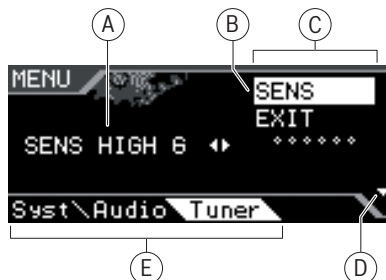
To open a menu,

➡ press the **MENU** button ⑥.

By default, the menu of the current operating mode is opened, e.g. the tuner menu, if the device is in tuner mode when you press the **MENU** button ⑥.

#### Note:

You cannot call up the menu if the device is muted ("MUTE").



- ① Option of the selected menu item
- ② Selected menu item
- ③ Menu items of the selected menu
- ④ Arrows indicate in which direction you can scroll in the menu
- ⑤ Menu selection

To select a different menu,

➡ press the rocker switch < or > ⑩.

It switches from the menu of the current operating mode to the System or Audio menu. The Tuner menu is also available in all the other operating modes.

To select and call up a menu item in the current menu,

➡ press the rocker switch  $\nabla$  or  $\blacktriangledown$  ⑩.

➡ Press the **OK** button ②.





You can exit a menu as follows:

- You confirm a setting with the **OK** button (2) and go back one higher menu level.

Text input (e.g. your personal welcome text) should always be confirmed with the **OK** button (2) to save the text change.

- The **DIS•ESC** button (11) returns you directly to the display of the active audio source.

Text inputs are **not** automatically saved. Pressing the **DIS•ESC** button (11) cancels the text input without saving it. All other settings are saved.

- Every menu features the menu item "EXIT". If you select "EXIT" and press the **OK** button (2), you return to the higher-level menu.

If no selection or setting is performed in a menu for approx. 8 seconds, the display automatically returns to the display of the audio source (in the Bluetooth menu, this time is approx. 30 seconds). Your settings - with the exception of text inputs - are saved.

## Changing the switch-off time (OFFTIMER)

If you remove the control panel, the device automatically switches off after 15 seconds. This switch-off time can be changed:

- Press the **MENU** button (6).
- Press the < rocker switch (10) to open the "Syst" system menu.

- Press the rocker switch  $\nearrow$  or  $\searrow$  (10) to select the "OFFTIMER" function.
- Press the **OK** button (2).
- Press the rocker switch < or > (10) to adjust the switch-off time between 15 and 30 seconds.
- Press the **OK** button (2) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

## Resetting the device (NORMSET)

You can reset the device to the factory settings (see appendix A1). Your personal settings, e.g. your welcome text, will be deleted in the process.

- Press the **MENU** button (6).
- Press the < rocker switch (10) to open the "Syst" system menu.
- Press the rocker switch  $\nearrow$  or  $\searrow$  (10) to select the "NORMSET" function.
- Press and hold down the **OK** button (2) for longer than 4 seconds.

"NORM ON" briefly appears on the display. The factory settings are restored. The radio briefly switches off and automatically on again during the process.

### Note:

If you press and hold down the **OK** button (2) for less than 4 seconds, "NORM OFF" is displayed. Your personal settings are retained. Press the **OK** button (2) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.



## Startup

### USB port

You can connect the following USB media to the device and use them as audio source:

- USB stick
- USB hard disk (max. 800 mA)
- MP3 player with USB port

The device can play MP3 or WMA formats (WMA version 9, without DRM copy protection only).

#### Note:

Blaupunkt cannot guarantee the proper functioning of all USB media available on the market!

### Connecting the USB cable

To connect a USB medium, the supplied USB cable must be connected to the rear of the device **before installing** the car sound system. For further details, please read the installation instructions.

The USB cable can then be routed, for example, to the glove compartment or a suitable place of the center console.

### Connecting the USB medium

#### Note:

Always switch off the device before connecting or disconnecting your USB medium! The USB medium is correctly registered/unregistered only with switching on/off.

- ➡ Switch of the car sound system by holding the On/Off button ③ pressed for longer than 2 seconds.

- ➡ Connect the USB medium with the USB cable.

### What characteristics do USB media have to have?

The device recognises the USB medium only if it is a mass storage with the following features:

File system	FAT16 or FAT32, <b>no</b> NTFS!
ID3 tags	Version 1 or 2
Format	Only MP3 <b>or</b> WMA files, folders, playlists
Number	Max. 1,500 files (folders and tracks) per folder
Naming of files	File extension ".wma"/ ".mp3"
	Max. 24 characters (more characters are possible, but they reduce the max. number of files)
	No special characters or umlauts
Bit rate	MP3: 32 to 320 kbps WMA: 32 to 192 kbps

Under Windows 2000/XP, the FAT32 formatting creates a maximum partition size of 32 GB. If you are using a USB medium with more than 32 GB, it may result in read errors for additional partitions.

If a large number of files is stored on your USB medium, the speed of the file search may be reduced.







### Selecting the USB as audio source

- Press the **SRC** button ⑧ repeatedly until "USB" appears on the display.

The display briefly shows "READING". The playback starts.

If USB is selected as audio source, the MP3 display is shown. For further details, please read the chapter "CD/USB mode (MP3/WMA)".

### Handling CDs

The device can play the following CD formats:

- Audio CD with the CompactDisc logo (some CDs with copy protection cannot be played)

#### Note

Blaupunkt cannot guarantee the proper functioning of copy-protected CDs!

- CD-R or CD-RW with MP3 or WMA files (WMA version 9, without DRM copy protection only)

#### Note:

The quality of self-burnt CDs fluctuates due to different CD blanks, burner software, and burn speeds. For this reason, it is possible that the device cannot play some self-burnt CDs.

If you cannot play a CD-R/CD-RW:

- Use blanks from a different manufacturer or a different colour.
- Reduce the burn speed.

### What features do MP3 or WMA CDs have to have?

The device can only play and display MP3 or WMA CDs with the following features:

CD format	ISO 9660 (Level 1 or 2) or Joliet
ID3 tags	Version 1 or 2
Format	Only MP3 <b>or</b> WMA files, folders, playlists
Number	Max. 999 tracks in 99 folders
Naming of files	File extension ".wma"/ ".mp3"  Max. 16 characters (more characters are possible, but they reduce the max. number of files)  No special characters or umlauts
Bit rate	MP3: 32 to 320 kbps WMA: 32 to 192 kbps



## Startup

### Inserting and removing a CD



#### CAUTION!

#### Damaging the CD drive

Labelled or shaped CDs can damage the CD drive.

- Do not insert any mini CDs (8 cm diameter) or shape CDs damage.
- Insert only circular CDs with a 12-cm diameter.
- Do not attach labels to CDs since the label may detach during operation.

#### Note:

Label CDs only by using a marker since it does not contain any caustic materials. Permanent markers can damage CDs.

➡ Press the  button ①.

The control panel opens.

➡ If a CD is in the drive, press the  button ⑭.

The CD is ejected.

➡ Remove the CD.

If you do not remove the CD, it is automatically pulled in again after a few seconds.

➡ Insert the CD with its printed side up-permost into the CD drive ⑮ until you feel some resistance.

The CD is automatically drawn in.

➡ Close the control panel.

The display briefly shows "READING". Next, the following appears:

- The audio CD display if an audio CD is inserted.
- The MP3 display if an MP3 or WMA CD is inserted.

The CD starts playing.

### Selecting the CD as audio source

You can select an inserted CD as audio source:

➡ Press the **SRC** button ⑧ repeatedly until "CD" (for audio CD) or "MP3" (for MP3 CD) appears on the display.

#### Note:

The CD mode can be selected only if a readable CD is inserted.

To operate the audio CD display, please read the chapter "CD mode (audio)".

To operate the MP3 display, please read the chapter "CD/USB mode (MP3/WMA)".



## Tuner mode

This device can receive radio stations in the FM and AM frequency ranges.

### Set the device to the region Europe, USA or Thailand

The device is set to the frequency ranges and station technologies of the region in which it was purchased. You can adjust this setting to the different frequency ranges and station technologies of Europe, the United States or Thailand. To do so, the device must be switched off:

- ➔ Simultaneously press the **AUDIO** button (7) and the **✱** button (9) while switching on the device.

The display shows "TUNER AREA" and the current setting as well as a list of available options.

- ➔ Press the rocker switch **↔** or **↵** (10) to switch between the regions EUROPE, USA and THAILAND.
- ➔ Confirm the setting with the **OK** button (2).

#### Note:

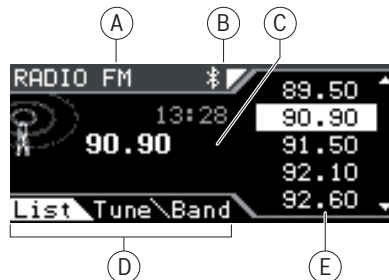
The tuner functions described in these operating instructions refer to the region America (tuner setting "USA").

## Starting tuner mode

- ➔ Press the **SRC** button (8) repeatedly until "TUNER" appears on the display.

The playback starts immediately with the previously played station if the vehicle is within the reception area of this station.

## The tuner display



- A Waveband/memory bank
- B Bluetooth status
- C Display area for frequency and time
- D Menu selection
- E Options of the current menu

In the tuner display, 3 menus are available in the menu selection:

- **List:** This menu is displayed by default in Tuner mode. The List menu displays the adjusted frequency and time. In addition, the frequencies stored the station buttons are displayed in a list.
- **Tune:** The Tune menu provides functions for adjusting stations, scanning stations and automatic station storage.



## Tuner mode

- **Band:** The Band menu allows selecting the waveband or the memory bank.

You can switch between the menus with the rocker switch < or > (10).

### Setting the waveband/memory bank

You can adjust and set radio stations of the FM and AM wavebands.

The FM and AM wavebands each feature 2 memory banks: FM and FMT as well as AM and AMT. Each of the 4 memory banks features 10 memory locations.

- ➡ Press the > rocker switch (10) twice to open the "Band" menu.
- ➡ Press the rocker switch ⏏ or ⏏ (10) to select the desired waveband or memory bank.
- ➡ Press the **OK** button (2).

The desired waveband or memory bank is adjusted. After a short period of time, the display automatically returns to the "List" menu.

You can now perform the following actions in this waveband/memory bank:

- Tuning into a station
- Storing stations

### Tuning into a station

There are 3 ways of tuning into a station:

- Tuning into stations automatically (station seek tuning)
- Tuning into stations manually
- Selecting stored stations

#### Station seek tuning

- ➡ Press the # button of the alphanumeric keys (9).

"SEEK" and the current frequency appear on the display.

- ➡ Press the rocker switch ⏏ or ⏏ (10).

If you press and hold the rocker switch ⏏ or ⏏ (10), automatic seek tuning skips the stations found until you release the rocker switch again.

#### Note:

You can also activate the "SEEK" function by using the > rocker switch (10) to open the "Tune" menu and pressing the **OK** button (2).

The tuner searches for the next receivable station in the current waveband. The adjusted sensitivity of the station seek tuning (section "Changing the seek tuning sensitivity") is taken into consideration.

#### Tuning into stations manually

- ➡ Press the # button of the alphanumeric keys (9).

"SEEK" and the current frequency appear on the display.



- Press the rocker switch  $\triangleleft$  or  $\triangleright$  (10) to change the frequency in small increments.

**Note:**

You can also activate the "SEEK" function by using the  $\triangleright$  rocker switch (10) to open the "Tune" menu and pressing the **OK** button (2).

**Selecting stored stations**

- Select the desired waveband or memory bank.
- Press one of the station buttons **0-9** (9).

Or in the List menu:

- Press the rocker switch  $\overline{\wedge}$  or  $\overline{\vee}$  (10) to select a frequency from the list.
- Press the **OK** button (2).

The stored station is called up, provided that it can be received at the current vehicle position.

The frequency of the station appears on the external display.

**Storing stations**

There are 2 ways of storing a station:

- Storing stations manually
- Searching and storing stations automatically (Travelstore)

**Storing stations manually**

After tuning into a station, it can be stored as follows:

- Press one of the station buttons **0-9** (9) for approx. 2 seconds to which you want to assign the station.

Or in the List menu:

- Press the rocker switch  $\overline{\wedge}$  or  $\overline{\vee}$  (10) to select a memory location in the list.
- Press and hold down the **OK** button (2) for approx. 2 seconds.

The list displays the frequency at the selected memory location. The station was stored.

**Searching and storing stations automatically (TRAVELSTORE)**

You can automatically search for and store the 10 FM or AM stations offering the strongest reception in the region in the FMT or AMT memory bank. Stations that were previously stored in the FMT or AMT memory bank are automatically deleted.

- Select the desired FM or AM waveband.
- Press the  $\triangleright$  rocker switch (10) to open the "Tune" menu.

The "SEEK" function is selected.

- Press the rocker switch  $\overline{\wedge}$  or  $\overline{\vee}$  (10) to select the "T-STORE" function.

"TRAVEL STORE" appears on the display.

- Press the **OK** button (2).

The tuner starts with the automatic seek tuning. After the storing is completed, the radio plays the station at memory location 1 of the FMT or AMT level.



## Tuner mode

### Changing the seek tuning sensitivity (SENS)

The seek tuning sensitivity determines whether the automatic station seek tuning locates only strong stations or also weaker stations. You can adjust the seek tuning sensitivity separately for the FM and AM wavebands.

➤ Select the waveband for which you want to set the seek tuning sensitivity.

➤ Press the **MENU** button (6).

The Tuner menu opens. The "SENS" function is selected.

➤ Press the **OK** button (2).

➤ Press the rocker switch < or > (10) to adjust the sensitivity between "SENS LOW 1" (lowest sensitivity) and "SENS HIGH 6" (highest sensitivity).

➤ Press the **OK** button (2) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

"BAND SCAN" briefly appears on the display.

➤ Press the **OK** button (2).

"SCAN" and the current frequency appear on the display.

The tuner is searching for stations. As soon as the tuner has located a station, it is played.

To continue listening to the currently scanned station,

➤ press the **OK** button (2).

After a complete search of the frequency band, scanning stops. The previously set station is played.

### Scanning all receivable stations (BANDSCAN)

You can scan all receivable stations of a waveband. The scan time can be set as described in the chapter "User settings".

➤ Select the waveband (FM, AM) whose receivable stations you want to scan.

➤ Press the > rocker switch (10) to open the "Tune" menu.

The "SEEK" function is selected.

➤ Press the rocker switch ↗ or ↘ (10) to select the "BANDSCAN" function.





## CD mode (audio)

Audio CDs are played in the CD mode (audio). How to insert and remove CDs is described in the chapter "Startup".

### Starting the audio CD mode

You can select an inserted CD as audio source:

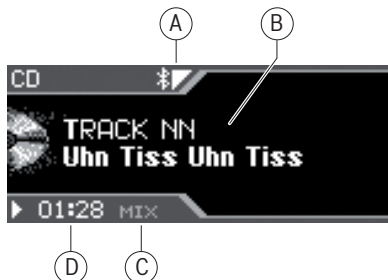
- ➡ Press the **SRC** button (8) repeatedly until "CD" appears on the display.

The playback starts.

#### Note:

As long as the CD is in the drive, the device stores track and playing time of the previously played CD. After calling up the audio source, the playback starts at the point where it was interrupted.

### The audio CD display



- (A) Bluetooth status
- (B) Display area for track number and CD text (album, artist, track name if available and switched on)

- (C) Random playback (MIX) or repeat function (RPT)
- (D) Playing time or time

### The CD menu

The CD menu provides functions such as MIX and REPEAT (see the lower table on the next page).

To select a function and its desired option in the CD menu,

- ➡ press the **MENU** button (6).

The CD menu opens.

- ➡ To select the desired function, press the rocker switch  $\nabla$  or  $\blacktriangledown$  (10).
- ➡ Press the **OK** button (2).
- ➡ Press the  $\blacktriangleright$  rocker switch (10) to switch on the selected option, or the  $\blacktriangleleft$  rocker switch (10) to switch if off.
- ➡ Press the **OK** button (2) to select a different function, or press the **DIS/ESC** button (11) to exit the menu.



## CD mode (audio)

### Functions in the CD mode (audio)

The functions of the following table can be called directly on the CD display by touching a button.

Function	Action	Display/description
Selecting tracks	Press the rocker switch < or > (10).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch < or > (10).	Audibly scanning a track forward or back
Scanning tracks	Press the <b>OK</b> button (2) for longer than 2 seconds.	"SCAN": Scans all tracks on the CD (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off
Playing time/time	Press the <b>DIS•ESC</b> button (11).	Change between display of playing time and time.

The functions of the following table can be called up in the CD menu. For further details, please read the preceding section "The CD menu".

Function	Menu item	Options
Random play-back	MIX	"MIX CD" <input checked="" type="checkbox"/> : Mixing the tracks on the CD. "MIX CD" <input type="checkbox"/> : Regular playback.
Repeating tracks	REPEAT	"REPEAT TRACK" <input checked="" type="checkbox"/> : Repeat the current track. "REPEAT TRACK" <input type="checkbox"/> : Regular playback.
Display CD text	CD-TEXT	<input checked="" type="checkbox"/> : The display shows CD text. <input type="checkbox"/> : The display does not show CD text.
Switching scrolling text on/off	SCROLL	<input checked="" type="checkbox"/> : The track information appears as scrolling text. <input type="checkbox"/> : The track information does not appear as scrolling text.







## CD/USB mode (MP3/WMA)

In CD/USB mode, you can play CD-Rs or CD-RWs or a USB medium with MP3 or WMA tracks.

The chapter "Startup" describes what you must observe when connecting and disconnecting USB media. It also contains information about inserting and removing CDs.

### Starting the CD/USB mode

You can select an already inserted CD-R or CD-RW or a connected USB data carrier as audio source:

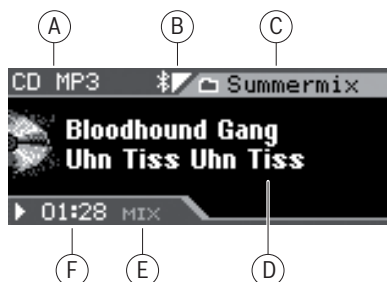
➡ Press the **SRC** button (8) repeatedly until "CD" or "MP3" or "USB" appears on the display.

The playback starts.

#### Note:

The USB mode can be selected only if a valid USB medium is connected.

### The MP3 display



- (A) MP3 source ("CD MP3" or "USB")
- (B) Bluetooth status
- (C) Current directory
- (D) Display area for the file names as well as artist, album or track<sup>1</sup>
- (E) Random playback (MIX) or repeat function (RPT)
- (F) Playing time

You can switch between the following modes with the **DIS•ESC** button (11):

- MP3 display
- Browse mode
- Playlist mode (if playlist is available on USB/CD)

1 Album and artist can be displayed only if they are stored in the ID3 tags of the MP3 track.















## CD/USB mode (MP3/WMA)

### Functions in the CD/USB mode (MP3/WMA)

The functions of the following table can be called directly on the MP3 display by touching a button.

Function	Action	Response
Selecting folders	Press the rocker switch  or  <sup>(10)</sup> .	 : Selecting the next folder  : Selecting the previous folder
Selecting tracks	Press the rocker switch  or  <sup>(10)</sup> .	 : Playing the next track  : Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch  or  <sup>(10)</sup> .	Audibly scanning a track forward or back
Scanning tracks	Press the <b>OK</b> button <sup>(2)</sup> for longer than 2 seconds.	"SCAN": Scans all tracks on the CD/USB (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off

The functions of the following table can be called up in the MP3 menu. For further details, please read the following section, "The MP3 menu".

Function	Menu item	Options
Random play-back	MIX	"MIX FOLDER": Mix tracks of the current folder. "MIX ALL": Mix all the tracks.
Repeating tracks	REPEAT	"REPEAT TRACK": Repeat the current track. "REPEAT FOLDER": Repeat the current folder.
Displaying track information	DISPLAY	"ARTIST": Display the artist. "ALBUM": Display the album. "SONG": Display the track names.
Switching scrolling text on/off	SCROLL	<input checked="" type="checkbox"/> : The track information appears as scrolling text. <input type="checkbox"/> : The track information does not appear as scrolling text.





## The MP3 menu

To select a function and its desired option in the MP3 menu,

➤ press the **MENU** button (6).

The MP3 menu opens.

➤ To select the desired function, press the rocker switch  $\overleftarrow{\text{A}}$  or  $\overrightarrow{\text{B}}$  (10).

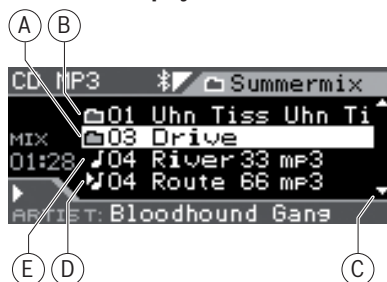
➤ Press the **OK** button (2).

➤ To select the desired option among several options, press the rocker switch  $\overleftarrow{\text{A}}$  or  $\overrightarrow{\text{B}}$  (10).

➤ Press the  $\triangleright$  rocker switch (10) to switch on the selected option, or the  $\triangleleft$  rocker switch (10) to switch it off.

➤ Press the **OK** button (2) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

## The browse display



ENGLISH

- (A) Marked directory or track (open or playback with  $\triangleright$  rocker switch (10))
- (B) Directory
- (C) Up and down arrows indicate in which direction you can scroll
- (D) Currently playing track
- (E) Track

## The Browse mode

In the Browse mode, tracks and directories are displayed the same way they are stored on the MP3 data carrier. This allows you to purposefully search for and open a specific directory and select a track stored in that directory without having to interrupt the current playback.

### Selecting tracks in Browse mode

➤ During MP3/WMA playback, press the **DIS•ESC** button (11) repeatedly until Browse mode is displayed.

It shows all folders and tracks stored on the data carrier.

To select a track or folder,

➤ press the rocker switch  $\overleftarrow{\text{A}}$  or  $\overrightarrow{\text{B}}$  (10) to scroll through the tracks and folders.

Fast scrolling is achieved by pressing the rocker switches for a longer time.

➤ Press the rocker switch  $\triangleleft$  (10) to change up to a higher-level folder.



## CD/USB mode (MP3/WMA)

➡ Press the rocker switch > ⑩ to open a folder or to play a track.

The files are played back in the order in which they were physically stored on the data carrier. This order is also displayed in the Browse mode.

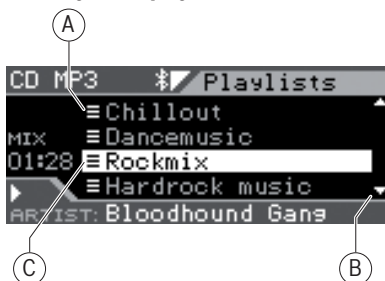
### Note:

Fast searching is not available in Browse mode.

## The Playlist mode

The device can play playlists that were created with an MP3 manager, such as WinAmp or Microsoft Media Player. The playlists must be stored in the root folder of the data carrier. The following playlist formats are valid: M3U, PLS, WPL, ASX and RMP.

### The Playlist display



- (A) Playlist
- (B) Up and down arrows indicate in which direction you can scroll
- (C) Marked playlist (open with > rocker switch ⑩)

### Selecting tracks in Playlist mode

➡ During MP3/WMA playback, press the **DIS•ESC** button ⑪ repeatedly until Playlist mode is displayed.

It shows all playlists stored in the root folder of the data carrier.

To select a track from a playlist,

➡ press the rocker switch ↯ or ↰ ⑩ to scroll through the playlists.

Fast scrolling is achieved by pressing the rocker switches for a longer time.

➡ Press the > rocker switch ⑩ to open a playlist.

➡ Press the rocker switch ↯ or ↰ ⑩ to scroll through the tracks of the playlist.

➡ Press the > rocker switch ⑩ to play a track.

The tracks are played in the order in which they are stored in the playlist. This order is also displayed in the Playlist mode.

### Note:

Fast searching is not available in Playlist mode.





## C'n'C mode

In C'n'C mode, you access devices that are connected via a C'n'C interface.

### Note:

For details about connecting a C'n'C interface and the required settings, please read the chapter "AUX mode".

## Starting C'n'C mode

➔ Press the **SRC** button (8) repeatedly until the name of the device connected via C'n'C appears on the display.

The playback starts.

### Note:

The C'n'C mode can be selected only if a suitable device is connected via a C'n'C interface.

- (E) Display area for the file names as well as artist, album or track
- (F) Random playback (MIX) or repeat function (RPT)
- (G) Playing time

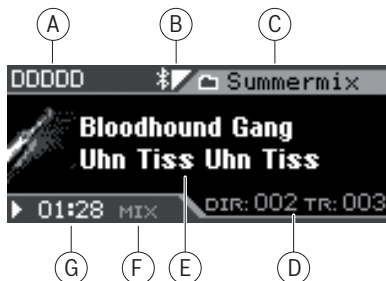
You can switch between the following modes with the **DIS•ESC** button (11):

- C'n'C display
- Browse mode

### Note

In the C'n'C mode, you can select tracks and directories as well as playlists in Browse mode. Playlist can be selected as directories in Browse mode and opened. For further details, please read the section "The Browse mode" in the chapter "CD/USB mode (MP3/ WMA)".

## The C'n'C display



- (A) Name of audio source
- (B) Bluetooth status
- (C) Name of current directory
- (D) Directory and track number



## C'n'C mode

### Functions in C'n'C mode

The functions of the following table can be called directly on the C'n'C display by touching a button.

Function	Action	Response
Selecting folders	Press the rocker switch $\overline{\wedge}$ or $\overline{\vee}$ <sup>(10)</sup> .	$\overline{\wedge}$ : Selecting the next folder $\overline{\vee}$ : Selecting the previous folder
Selecting tracks	Press the rocker switch $\overline{<}$ or $\overline{>}$ <sup>(10)</sup> .	$\overline{>}$ : Playing the next track $\overline{<}$ : Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch $\overline{<}$ or $\overline{>}$ <sup>(10)</sup> .	Audibly scanning a track forward or back
Scanning tracks	Press the <b>OK</b> button <sup>(2)</sup> for longer than 2 seconds.	"SCAN": Scans all tracks on the device (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off

The functions of the following table can be called up in the C'n'C menu. For further details, please read the following section, "The C'n'C menu".

Function	Menu item	Options
Random play-back	MIX	"MIX FOLDER": Mix tracks of the current folder. "MIX ALL": Mix all the tracks. "MIX MAG" <sup>1</sup> : Mix the tracks of all CDs in the CD changer. "MIX SONG" <sup>2</sup> : Mix all the tracks with the same track name. "MIX ALBUM" <sup>2</sup> : Mix all the tracks with the same album name.

1 Option is only available if CD changer is connected via C'n'C interface.

2 Option is only available if iPod® is connected via C'n'C interface.





Function	Menu item	Options
Repeating tracks	REPEAT	"REPEAT TRACK": Repeat the current track. "REPEAT FOLDER": Repeat the current folder. "REPEAT DISC" <sup>1</sup> : Repeat the current CD. "REPEAT ALL": Repeat all the tracks.
Displaying track information	DISPLAY	"ARTIST": Display the artist. "ALBUM": Display the album. "SONG": Display the track names.
Switching scrolling text on/off	SCROLL	<input checked="" type="checkbox"/> : The track information appears as scrolling text. <input type="checkbox"/> : The track information does not appear as scrolling text.

## The C'n'C menu

To select a function and its desired option in the C'n'C menu,

➡ press the **MENU** button (6).

The C'n'C menu opens.

➡ To select the desired function, press the rocker switch  $\overleftarrow{\text{A}}$  or  $\overrightarrow{\text{A}}$  (10).

➡ Press the **OK** button (2).

➡ To select the desired option among several options, press the rocker switch  $\overleftarrow{\text{A}}$  or  $\overrightarrow{\text{A}}$  (10).

➡ Press the  $\overrightarrow{\text{A}}$  rocker switch (10) to switch on the selected option, or the  $\overleftarrow{\text{A}}$  rocker switch (10) to switch if off.

➡ Press the **OK** button (2) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.

1 Option is only available if CD changer is connected via C'n'C interface.





## CD-changer mode

### CD-changer mode

You can connect the following CD changers to the device.

- Blaupunkt CDC A03
- Blaupunkt CDC A08
- Blaupunkt IDC A09

How to insert CDs in the CD changer magazine is described in the instructions of your CD changer.

#### Note:

For details about connecting a CD changer and the required settings, please read the chapter "AUX mode".

### Switching to CD changer mode

#### Note:

To be able to select the CD changer as audio source, at least one CD must be in the magazine.

To select a connected CD changer as audio source,

➡ press the **SRC** button <sup>(14)</sup> repeatedly until "CDC" appears on the display.

If you select a CD changer as audio source for the first time, "MAG SCAN" appears on the display until the CD changer is operational.

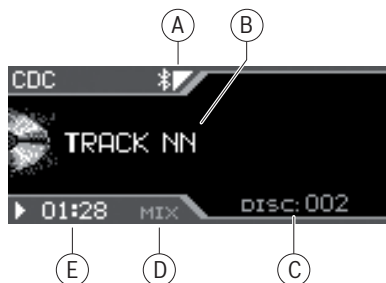
The CD changer display appears. The playback starts.

### Selecting a CD

➡ To select a CD, press the rocker switch  $\nabla$  or  $\blacktriangle$  <sup>(10)</sup>.

"LOADING CD" briefly appears on the display. The selected CD starts playing.

### The CD changer display



- (A) Bluetooth status
- (B) Track number
- (C) CD number
- (D) Random playback (MIX) or repeat function (RPT)
- (E) Playing time or time







## Functions in the CD changer mode

Function	Action	Display/response
Selecting tracks	Press the rocker switch < or > (10).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track
Fast search	Press and hold the rocker switch < or > (10).	Audibly scanning a track forward or back
Scanning tracks	Press the <b>OK</b> button (2) for longer than 2 seconds.	"SCAN": Scans all tracks of all CDs (scan time can be adjusted: chapter "User settings"). Press again briefly: Switches scan off
Playing time/time	Press the <b>DIS•ESC</b> button (11).	Change between display of playing time and time.

The functions of the following table can be called up in the CD changer menu. For further details, please read the following section "The CD changer menu".

Function	Menu item	Options
Random play-back	MIX	"MIX CD": Mix the tracks on the current CD. "MIX ALL": Mix all the tracks.
Repeating tracks	REPEAT	"REPEAT TRACK": Repeat the current track. "REPEAT DISC": Repeat the current CD.

### The CD changer menu

To select a function and its desired option in the CD changer menu,

➡ press the **MENU** button (6).

The CD changer menu opens.

➡ To select the desired function, press the rocker switch  $\overline{\wedge}$  or  $\vee$  (10).

➡ Press the **OK** button (2).

➡ To select the desired option, press the rocker switch  $\overline{\wedge}$  or  $\vee$  (10).

➡ Press the > rocker switch (10) to switch on the selected option, or the < rocker switch (10) to switch if off.

➡ Press the **OK** button (2) to select a different function, or press the **DIS•ESC** button (11) to exit the menu.





### Bluetooth streaming mode

Devices such as MP3 players can also be connected to the device via Bluetooth if they feature the corresponding equipment. The transfer of audio contents, such as music, via Bluetooth is referred to as Bluetooth streaming.

For additional information about Bluetooth technology, please refer to the chapter "Bluetooth phone call".

### Registering Bluetooth players

The device can be registered with up to 5 Bluetooth cell phones or other devices such as MP3 players. If you register a sixth one, the Bluetooth device registered first is unregistered.

For additional information about managing more registered Bluetooth devices, see the chapter "Bluetooth phone call", section "Managing registered Bluetooth devices".

To register a Bluetooth player,

- ➡ press the **MENU** button (6).
- ➡ Press the < rocker switch (10) to open the "Syst" system menu.
- ➡ Press the rocker switch ⏏ or ⏏ (10) until the "BT" menu item is selected.

- ➡ Press the **OK** button (2) to call up the menu item.

The "PAIR" menu item is selected.

- ➡ Press the **OK** button (2) to call up the menu item.
- ➡ Press the rocker switch ⏏ or ⏏ (10) until the "NOMADIC" menu item is selected.

- ➡ Press the **OK** button (2).

"START PAIRING" briefly appears on the display. If necessary, you can enter the PIN number of the Bluetooth player:

- ➡ Enter the number sequence by pressing the corresponding buttons of the keys (9).

After entering one digit, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (10) again.

After entering the complete PIN number,

- ➡ press the **OK** button (2).

#### Note:

Entering the PIN of the device (default "1234") may be required in the Bluetooth player to be registered. To do so, follow the instructions of the Bluetooth player.

The car sound system independently establishes a Bluetooth connection to the Bluetooth player that was registered last and is available. After the connection is established, "DEVICE CONNECTED" briefly appears on the display. If no connection could be established, then "CONNECTION FAILED" is displayed.

#### Note:

The time required for the connection is dependent upon the Bluetooth player and can differ from device to device.





## Bluetooth streaming mode

### Starting the Bluetooth streaming mode

- ➡ Press the **SRC** button (8) repeatedly until "STREAMING" appears on the display.

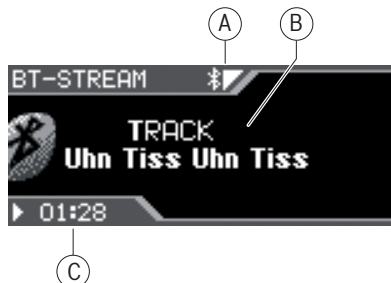
The playback starts.

#### Notes:

- The Bluetooth streaming mode can be selected only if a suitable Bluetooth device is connected.
- If the phone book of a connected cell phone is being transferred in the Bluetooth streaming mode, the audio transfer is interrupted for the duration of the phone book download.
- If the connection is lost in Bluetooth streaming mode, "CONNECTION LOST" appears on the display. Press the **OK** button (2) to re-establish the connection, or press the **DIS•ESC** button (11) to return to the last audio source. If the Bluetooth player is out of range when pressing the **OK** button (2), "CONNECTION FAILED - DEVICE NOT FOUND" is displayed. The device then automatically returns to the audio source heard last. If the

connection must be re-established from Bluetooth player, "CONNECTION FAILED - PLAY FROM THE DEVICE VIA BLUETOOTH" is displayed.

### The Bluetooth streaming display



- (A) Bluetooth status
- (B) Track information
- (C) Time

### Functions in the Bluetooth streaming mode

Function	Action	Display/response
Selecting tracks	Press the rocker switch < or > (10).	>: Playing the next track <: Repeats the track. Press again: Plays the previous track

