



## MUSIC SYSTEM USER MANUAL

# Overview of Radio Controls



- (1) ▲ button  
Removes the CD from the radio.
- (2) CD tray
- (3) Display
- (4) **OK** button  
In radio/CD/MP3/USB/iPod mode: Starts/cancels Scan function.  
In menus: Selects menu item.
- (5) **AUDIO** button  
Calls up audio menu for sound settings.
- (6) **DIS-ESC** button  
Exits the menu and changes to the display of the

- audio source, selects display modes (e.g. MP3 browse mode in MP3 display).
- (7) ⏏ button (hang-up button)  
Rejects an incoming call/ends a call.
- (8) Arrow keys  
In menus and radio mode: Selects submenus and menu items/functions.  
In other operating modes (e.g. CD or MP3 mode): Selects track, CD and directory.
- (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  
In *Bluetooth*® mode: Enters, saves and calls up phone numbers.
- (10) On/Off button / Volume control  
Short press: Switches the device on. In operation: Mutes the device (Mute).  
Long press: In operation: Switches the device off.
- (11) 📞 button (answer button)  
Makes or answers a call.
- (12) **SOURCE** button  
Selects the audio source.
- (13) **MENU** button  
Calls up a menu.

# Contents

|   |    |  |    |
|---|----|--|----|
| Overview of Radio Controls                      | 2  | Tuner mode   | 14 |
| Important notes                                 | 6  | Set the device to the region Europe, USA or Thailand           | 14 |
| Observe the following!                          | 6  | Starting tuner mode for the FM or AM waveband                  | 14 |
| Use as directed                                 | 6  | The tuner display  | 15 |
| Road safety                                     | 6  | The function menus in tuner mode                               | 15 |
| Laser product!                                  | 6  | Setting the memory bank/waveband                               | 16 |
| Danger for the CD drive!                        | 6  | Tuning into a station  | 17 |
| Cleaning  | 7  | Station seek tuning  | 17 |
| Disposal of old units                           | 7  | Tuning into stations manually                                  | 17 |
| Notes about handling CDs                        | 7  | Selecting stored stations                                      | 17 |
| Startup   | 8  | Storing stations   | 18 |
| Switching the device on/off                     | 8  | Storing stations manually                                      | 18 |
| Adjusting the volume                            | 8  | Searching and storing stations automatically                   | 18 |
| Muting the device                               | 9  | Changing the seek tuning sensitivity (SENS)                    | 19 |
| Overview of the menu operation                  | 9  | Scanning all receivable stations (BANDSCAN)                    | 19 |
| Resetting the device (NORMSET)                  | 10 | Displaying radio text  | 19 |
| USB port  | 11 | Receiving traffic announcements                                | 20 |
| Connecting the USB medium                       | 11 | Switching the priority of traffic reports on/off               | 20 |
| What characteristics do USB media have to have? | 11 | Skipping a traffic announcement                                | 21 |
| Selecting the USB as audio source               | 12 | Receiving an alternative frequency of a station                | 21 |
| CD formats and inserting and removing CDs       | 12 | Allowing/preventing alternative frequencies (RDS)              | 21 |
| What features do MP3 or WMA CDs have to have?   | 12 | Allow/prevent changing to other regional programmes (REGIONAL) | 22 |
| Inserting and removing a CD                     | 13 | Receiving the programme type                                   | 22 |
| Selecting the CD as audio source                | 13 | Selecting a programme type or switching off PTY (PTY TYPE)     | 22 |
|   |    | Selecting the programme type language (PTY LANG)               | 23 |

|   |    |   |    |
|---|----|---|----|
| CD mode (audio)                               | 24 | Functions in the Bluetooth® streaming mode                          | 36 |
| Starting the audio CD mode                    | 24 | AUX mode  | 37 |
| The audio CD display                          | 24 | Selecting the external audio source and switching it on/off         | 37 |
| Functions in the CD mode (audio)              | 25 | Naming external audio sources (AUXEDIT)                             | 37 |
| The CD menu                                   | 25 | Mixing an external audio source with another audio source (MIX AUX) | 38 |
| CD/USB mode (MP3/WMA)                         | 27 | Bluetooth® phone call   | 40 |
| Starting the CD/USB mode                      | 27 | Bluetooth® preparation  | 40 |
| The MP3 display                               | 27 | How is a Bluetooth® connection established?                         | 40 |
| Functions in the CD/USB mode (MP3/WMA)        | 28 | Opening the Bluetooth® menu   | 40 |
| The MP3 menu                                  | 28 | Registering the cell phone  | 41 |
| The Browse mode                               | 29 | Automatic connection of the cell phone                              | 41 |
| The browse display                            | 29 | Determining the master telephone                                    | 42 |
| Selecting tracks in Browse mode               | 30 | Managing registered Bluetooth® devices                              | 43 |
| The Playlist mode                             | 30 | Unregister all registered Bluetooth® devices                        | 43 |
| The Playlist display                          | 30 | Managing registered Bluetooth® devices in the device list           | 43 |
| Selecting tracks in Playlist mode             | 31 | Answering/rejecting a phone call                                    | 44 |
| iPod mode                                     | 32 | Making a call (DIAL NEW)  | 45 |
| Starting iPod mode                            | 32 | Ending a call   | 46 |
| The iPod display                              | 32 | Redirecting an ongoing phone call to the cell phone                 | 46 |
| Functions in the iPod mode                    | 32 | Storing and calling a phone number in the phone book of the device  | 46 |
| The iPod menu                                 | 33 | Storing phone numbers   | 46 |
| Bluetooth® streaming mode                     | 34 | Calling a phone number  | 47 |
| Registering and connecting Bluetooth® players | 34 | Editing an entry  | 47 |
| Automatic connection of the Bluetooth® player | 35 | Deleting entries  | 48 |
| Starting the Bluetooth® streaming mode        | 35 |   |    |
| The Bluetooth® streaming display              | 36 |   |    |

|   |    |   |    |
|---|----|---|----|
| The phone book of the cell phone                              | 48 | User settings   | 58 |
| Downloading a phone book                                      | 48 | Opening the System menu                                       | 58 |
| Calling an entry in the phone book                            | 49 | Changing the welcome text (ON MSG)                            | 58 |
| Calling a phone number from the history                       | 50 | Changing volume presettings                                   | 58 |
| Speed dial  | 50 | Adjusting power-on volume (ON VOL/LAST VOL)                   | 59 |
| Changing the PIN (PIN NUM)                                    | 51 | Changing volume presettings for TA, TEL and MUTE              | 59 |
| Changing the Bluetooth® name of the device (RAD NAME)         | 52 | Activating/deactivating the signal tone (BEEP ON)             | 60 |
| Remote controls   | 53 | Changing display settings                                     | 60 |
| Functions of the steering wheel remote control                | 53 | Changing the day/night brightness (D-DAY/D-NIGHT)             | 60 |
| General   | 53 | Changing the background lighting of the display (DIS ILUM)    | 61 |
| FM/AM mode  | 53 | Changing the brightness of the button illumination (KEY ILUM) | 61 |
| CD mode   | 53 | Adjusting the display viewing angle (ANGLE)                   | 61 |
| MP3 mode  | 53 | Changing the scan time (SCANTIME)                             | 61 |
| Functions of the IR remote control                            | 54 | Displaying version numbers                                    | 63 |
| General   | 54 | Technical data  | 64 |
| FM/AM mode  | 54 | USB port  | 64 |
| CD mode   | 54 | Appendix  | 65 |
| MP3 mode  | 54 | Supported USB devices   | 65 |
| iPod mode (if iPod box is properly connected)                 | 54 | Supported Bluetooth® mobile phones                            | 66 |
| Sound settings  | 55 | FCC Information   | 67 |
| Opening the Audio menu  | 55 | Warranty  | 68 |
| Adjusting bass, treble and volume distribution                | 55 | Instructions for the customer                                 | 68 |
| Selecting a sound preset (PRESETS)                            | 55 | Terms and condition   | 68 |
| Equalizer settings  | 56 | Authorised Service Centers:                                   | 71 |
| Which equaliser setting is the correct one?                   | 56 |   |    |
| Sound impression  | 56 |   |    |
| Changing equalizer settings (EBASS, ETREBLE, EMIDDLE, EXBASS) | 57 |   |    |

## Important 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 this safety information:

- 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.
- Store the device card separate from the device outside of the vehicle.

## Observe the following!

### Use as directed

The device is designed for mode in a vehicle with 12-V vehicle supply voltage.



### Road safety

Road safety has absolute priority.

- Only operate your device if the road and traffic conditions allow you to do so.
- Familiarise yourself with the device before setting off on your journey.

You should always be able to hear police, fire and ambulance sirens in good time from inside your vehicle.

- For this reason, listen to your car sound system at a suitable volume level during your journey.



### Laser product!

Do not open or modify the device! The device contains a Class 1 laser that emits invisible laser radiation which can cause injuries to your eyes.

- Do not attempt to repair the device yourself.
- Maintenance should be performed only by trained personnel.



### Danger for the CD drive!

- Do not insert any mini CDs (8 cm diameter) and shape CDs since they destroy the drive!
- Do not affix any labels to the top of the CD, since detaching labels can destroy the drive!

We accept no responsibility for any damage to the CD drive that may occur as a result of the use of unsuitable CDs.

## **Cleaning**

Clean the device with a dry or slightly moistened cloth. Do not use any caustic chemicals, cleaning solutions or harsh cleaning agents to clean the device.

## **Disposal of old units**

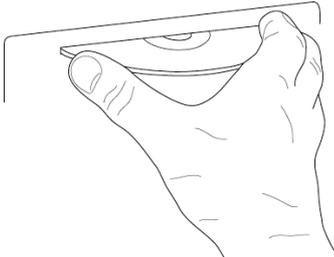
Do not dispose of your old device in the household trash! Please use the return and collection systems available to dispose of the old unit.

## **Notes about handling CDs**

To ensure proper functioning, use only clean CDs without scratches and damages. Any contamination or damage of a CD can lead to read problems.

It is recommended to handle the CD carefully.

- Avoid scratches and damages on the CD. If possible, only grasp the CD at the edge.



- Do not affix any labels to the top of the CD and use only suitable CD markers to label the CD.
- Do not expose CDs to direct sunlight.
- Keep unused CDs in a protective case.

If a CD becomes soiled, never clean it in a circular motion; instead, use a soft, lint-free cloth and wipe from the inside to the outside.

## 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

If the device was switched off with the ignition, it is again switched on with the ignition. The introductory animation starts and can be cancelled with the **OK** button (4). The device plays the audio source you previously listened to.

To manually switch on the device,

- press the On/Off button (10).

To switch off the device,

- press and hold the On/Off button (10) 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, e.g. if it changes 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 (10).

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

#### **Notes:**

- The volume can also be changed during a traffic announcement/phone call/navigation announcement using the volume control (10) for the duration of the phone call or the announcement.
- During traffic announcements/phone calls/navigation announcements, you can adjust the volume distribution for the phone call or the announcement. More information can be found in the chapter "Sound settings".

## Muting the device

- Briefly press the On/Off button (10).

The display shows "MUTE".

To cancel the mute function,

- briefly press the On/Off button (10) again.

OR:

- Turn the volume control (10).

## 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, power-on volume and volume for traffic announcements, telephone calls and more, scan time and settings for 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.

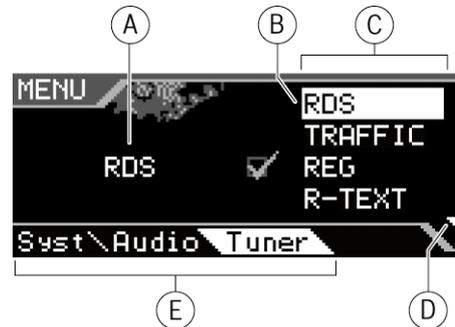
To open a menu,

- press the **MENU** button (13).

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 (13).

### Note:

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



- (A) Option of the selected menu item
- (B) Selected menu item
- (C) Menu items of the selected menu
- (D) Arrows indicate in which direction you can scroll in the menu
- (E) Menu selection

To select a different menu,

- press the rocker switch < or > (8).

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  $\overline{\wedge}$  or  $\underline{\vee}$  (8).

- Press the **OK** button (4).

You can exit a menu as follows:

- You confirm a setting with the **OK** button (4) and go back one higher menu level.  
Text input (e.g. your personal welcome text) should always be confirmed with the **OK** button (4) to save the text change.
- The **DIS-ESC** button (6) returns you directly to the display of the active audio source.  
Text inputs are **not** automatically saved. Pressing the **DISC ESC** button (6) 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 (4), you return to the menu level, from which you entered the current 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*<sup>®</sup> menu, this time is approx. 30 seconds). Your settings – with the exception of text inputs – are saved.

## Resetting the device (NORMSET)

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

- Press the **MENU** button (13).
- Press the rocker switch < (8) repeatedly until the system menu "Syst" opens.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the menu item "NORMSET" is selected.
- Press and hold the **OK** button (4) 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 (4) for less than 4 seconds, "NORM OFF" is displayed. Your personal settings are retained. Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## USB port

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

- USB stick
- USB hard disk with max. 800 mA current consumption via the USB port)
- MP3 player with USB port

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

### Note:

The proper functioning of all USB media available on the market cannot be guaranteed!

## Connecting the USB medium

To connect a USB medium, please open the “AUX “ flap. Insert the USB medium in the USB slot. To locate the slot in the car, please read the car manual.

### 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 (10) 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,<br><b>no NTFS!</b>  |
| 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 (12) 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)".

### CD formats and inserting and removing CDs

The device can play the following CD formats:

- Audio CD with the CompactDisc logo

#### Note

The proper functioning of copy-protected CDs cannot be guaranteed!

- 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 when burning CDs.

### 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<br>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   |

## 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.

- If a CD is in the drive, press the ▲ button (1).

The CD is ejected.

#### **Note:**

You can also eject the CD, while the device is switched off.

- 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 uppermost into the CD drive (2) until you feel some resistance.

The CD is automatically drawn in.

The display briefly shows "READING – WAIT". 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 (12) 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 (MW/LW) 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 (The setting "Europe" also applies to India). To do so, the device must be switched off:

- Simultaneously press the **AUDIO** button (5) 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  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to switch between the regions EUROPE, USA and THAILAND.
- Confirm the setting with the **OK** button (4).

### Starting tuner mode for the FM or AM waveband

You can receive radio stations of the FM and AM wavebands (tuner region USA and THAILAND) or FM, MW and LW (tuner region EUROPE).

To receive stations of the FM waveband,

- press the **SRC** button (12) repeatedly until "FM" appears on the display.

To receive stations of the AM or MW/LW waveband,

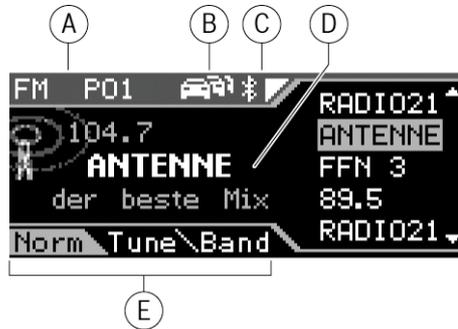
- press the **SRC** button (12) repeatedly until "AM" appears on the display.

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

#### Note:

If the device is set to the tuner region EUROPE, the station played last in the MW or LW waveband selected last is played when selecting the AM waveband. How to switch between the MW and LW wavebands can be found in the section "Setting the memory bank/waveband" in this chapter.

## The tuner display



- (A) Waveband or memory bank and memory location of the adjusted station
- (B) Traffic information priority (only for tuner region EUROPE in FM mode)
- (C) *Bluetooth*<sup>®</sup> status
- (D) Display range for frequency, station name and radio text (radio text only for tuner region EUROPE in FM mode)
- (E) Menu selection

## The function menus in tuner mode

In tuner mode, you can adjust and store stations in the current waveband and select stored stations (for further

details, please read the section "Adjusting stations" or "Storing stations manually" in this chapter).

All other functions are available in the following 3 menus in menu mode:

- List: In the List menu, the frequencies/stations stored on the station buttons are displayed in a list and can be selected.
- Tune: The Tune menu provides functions for scanning stations and automatic station storage.
- Band: In the Band menu, you can select the memory banks or change between MW and LW waveband in AM mode for the tuner region EUROPE.

In regular tuner mode, "Norm" is displayed on the left in the menu selection (E).

To change from regular tuner mode to menu mode,  
➤ press the **DIS-ESC** button (6).

Instead of "Norm", the menu selection (E) displays "List". The "List" menu is selected. The options of the "List" (F) menu are displayed



(E) Menu selection

(F) Options of the current menu

- If necessary, press the rocker switch < or > (8) to change between the menus "List", "Tune" and "Band".

The options of the selected menu (F) are displayed.

**Note:**

You exit the menu mode automatically 8 seconds after the last button press. To change to regular tuner mode more quickly, press the **DIS-ESC** button (6).

## Setting the memory bank/waveband

The FM waveband features the 2 memory banks FM and FMT each with 10 memory locations.

For the tuner region USA and THAILAND, the AM waveband AM features the 2 memory banks AM and AMT each with 10 memory locations. For the tuner region EUROPE, the 2 memory banks MW and LW are available for the corresponding waveband each with 10 memory locations.

How to select the memory banks in the current FM or AM waveband:

- To change to the menu mode, press the **DIS-ESC** button (6).
- Press the > rocker switch (8) twice to open the "Band" menu.
- Press the rocker switch  $\bar{\wedge}$  or  $\bar{\vee}$  (8) to select the desired waveband or memory bank.
- Press the **OK** button (4).

The desired waveband or memory bank is adjusted. You automatically exit the menu mode after a short period of time. 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 rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8).

#### Note:

If you press and hold the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8), automatic seek tuning skips the stations found until you release the rocker switch again.

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") and the following settings are taken into consideration:

- "PTY TYPE" setting in the "TUNER" menu (only in FM mode for the tuner region USA and EUROPE): The tuner seeks stations that are broadcasting the set programme type.
- "TRAFFIC" setting in the "TUNER" menu (only in FM mode for the tuner region EUROPE): The tuner sets exclusively traffic information stations with priority for traffic announcements.

## Tuning into stations manually

### Note:

For the tuner region EUROPE, the manual setting of stations is possible only if the RDS functions are deactivated. If the RDS function is activated, you can scroll in the broadcasting networks in whose reception area you are located.

- Press the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) once or several times to change the frequency in small steps.

### Selecting stored stations

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

Or in the List menu:

- To change to the menu mode, press the **DIS-ESC** button (6).

The "List" menu is selected.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to select a frequency or station from the list.
- Press the **OK** button (4).

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

The frequency of the station or the station name appears on the 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:

- To change to the menu mode, press the **DIS-ESC** button (6).

The "List" menu is selected.

- Press the rocker switch  $\bar{\Delta}$  or  $\nabla$  (8) to select a memory location in the list.
- Press and hold down the **OK** button (4) for approx. 2 seconds.

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

### Searching and storing stations automatically

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 this FMT memory bank are automatically deleted.

### Note:

In the tuner regions THAILAND and EUROPE, the Travelstore function is not available for the AM waveband (MW, LW).

- To change to the menu mode, press the **DIS-ESC** button (6).

The "List" menu is selected.

- Press the  $\triangleright$  rocker switch (8) to open the "Tune" menu.

The "BANDSCAN" function is selected.

- Press the rocker switch  $\bar{\Delta}$  or  $\nabla$  (8) to select the "T-STORE" function.

"TRAVEL STORE" appears on the display.

- Press the **OK** button (4).

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

## 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 or MW/LW wavebands.

- Select the waveband for which you want to set the seek tuning sensitivity.
- Press the **MENU** button (13).

The Tuner menu opens.

- Press the rocker switch  $\bar{\wedge}$  or  $\vee$  (8) to select the "SENS" function.
- Press the **OK** button (4).
- Press the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) to adjust the sensitivity between "SENS LOW 1" (lowest sensitivity) and "SENS HIGH 6" (highest sensitivity).
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## 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 in which you want to offer the receivable stations.

- To change to the menu mode, press the **DIS-ESC** button (6).

The "List" menu is selected.

- Press the  $\triangleright$  rocker switch (8) to open the "Tune" menu.

The "BANDSCAN" function is selected.

- Press the **OK** button (4).

"SCAN" and the current frequency or the station name 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 (4).

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

## Displaying radio text

### Note:

This setting is available only in FM mode for the tuner region EUROPE.

In addition to your programme, stations can broadcast text news (radio text) that can be shown on the display.

To switch the display of radio text on/off:

- press the **MENU** button (13).

The Tuner menu opens.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to select the "R-TEXT" function.
- Press the **OK** button (4).
- Switch between the settings with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
  - "R-TEXT" : Radio text on.
  - "R-TEXT" : Radio text off.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Receiving traffic announcements

### Note:

The priority for traffic announcements function is available only in FM mode for the tuner region Europe.

If you switch on the priority for traffic announcements, the device uses the RDS services TA (Traffic Announcement) and EON (Enhanced Other Network). TA switches traffic reports even if you are currently listening to a different audio source. The volume for the traffic announcement can be adjusted (see the chapter "User settings", section "Changing volume presettings").

If no traffic information station is currently defined, the RDS service EON ensures that the device automatically changes to a traffic information station of the same

broadcasting network for the duration of a traffic announcement.

### Switching the priority of traffic reports on/off

The priority of traffic announcements is switched on if the traffic jam symbol appears on the display. This setting limits the station search and scanning (SCAN) for traffic information stations.

To switch the traffic report priority on/off,

- press the **MENU** button (13).

The Tuner menu opens.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to select the "TRAFFIC" function.
- Press the **OK** button (4).

- Switch between the settings with the rocker switch < or > (8).
  - "TRAFFIC" : Priority on.
  - "TRAFFIC" : Priority off.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

**Note:**

For the device to switch through traffic reports, a station must be defined that supports TA or belongs to a broadcasting network with traffic information stations.

A signal tone appears if you leave the broadcast area of the traffic information station or switch to a station that does not support the traffic information priority. If a different audio source than the tuner is active, the device automatically searches for a traffic information station in the background.

**Skipping a traffic announcement**

To cancel a traffic announcement without switching off the priority of traffic announcements,

- press the **DIS-ESC** button (6).

The previously active audio source is played again. If a traffic announcement is broadcast again, the device automatically switches it through again.

## Receiving an alternative frequency of a station

**Note:**

The functions Alternative Frequency and Regional are available only in FM mode for the tuner region EUROPE.

The device can automatically switch to the best alternative frequency of the same station if the reception becomes poor.

### Allowing/preventing alternative frequencies (RDS)

To switch RDS on/off,

- press the **MENU** button (13).

The Tuner menu opens, the "RDS" function is selected.

- Press the **OK** button (4).
- Switch between the settings with the rocker switch < or > (8).
  - "RDS" : RDS on, allowing alternative frequencies.
  - "RDS" : RDS off, preventing alternative frequencies.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

### Note:

For the device to switch to an alternative frequency (AF) in case of poor reception, the station must also support the RDS function Alternative frequency (AF).

### Allow/prevent changing to other regional programmes (REGIONAL)

Some stations divide their programmes into regional programmes with different contents at certain times. You can use the REG function to prevent the device from switching to alternative frequencies that are transmitting different programme content.

To switch the regional function on/off,

- press the **MENU** button (13).

The Tuner menu opens.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to select the "REGIONAL" function.
- Press the **OK** button (4).
- Switch between the settings with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
  - "REGIONAL" : Regional function on. The tuner only changes to alternative frequencies of the set stations that broadcast the same regional programme.
  - "REGIONAL" : Regional function off. The tuner also changes to alternative frequencies that broadcast another regional programme.

- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

### Receiving the programme type

#### Note:

The programme type function (PTY) is available only in FM mode for the tuner regions USA and EUROPE.

You can select a programme type (PTY) to purposefully search for stations, for example, that broadcast rock music or sport events.

### Selecting a programme type or switching off PTY (PTY TYPE)

- Press the **MENU** button (13).

The Tuner menu opens.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to select the "PTY TYPE" function.
- Press the **OK** button (4).

A list with available programme types and the setting "NO PTY" (PTY off) are displayed.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to select the desired programme type or the "NO PTY" setting.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

You can locate a station that broadcasts the selected programme type by using the automatic station seek

tuning. For instructions, please read the section "Station seek tuning" in this chapter.

If no station with the correct programme type is found, the display briefly shows "NO PTY FOUND" and the original frequency is adjusted again.

### Selecting the programme type language (PTY LANG)

#### Note:

This setting is available only in FM mode for the tuner region EUROPE.

You can select the language in which the programme types should be displayed. Options include "DEUTSCH", "ENGLISH" and "FRANÇAIS".

- Press the **MENU** button (13).

The Tuner menu opens.

- Press the rocker switch  $\bar{\Delta}$  or  $\nabla$  (8) to select the "PTY LANG" function.
- Press the **OK** button (4).
- Press the rocker switch  $\bar{\Delta}$  or  $\nabla$  (8) to select the desired language.
- Press the  $\triangleright$  rocker switch (8) to switch on the selected language.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## 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 audio CD as audio source:

- Press the **SRC** button (12) repeatedly until "CD" appears on the display.

The playback starts.

#### Note:

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

The audio CD display



- (A) Traffic information priority
- (B) *Bluetooth*<sup>®</sup> status
- (C) Display area for track number and CD text (album, artist, track name if available and switched on)
- (D) Random playback (MIX) or repeat function (RPT)
- (E) Playing time

## 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 > (8).                       | >: Playing the next track<br><: Playing the previous track (Repeats the current track when pressed once)                        |
| Fast search      | Press and hold the rocker switch < or > (8).              | Audibly scanning a track forward or back  |
| Scanning tracks  | Press the <b>OK</b> button (7) 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 |

## The CD menu

The functions of the following table can be called up in the CD menu.

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

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

- press the **MENU** button (13).

The CD menu opens.

- To select the desired function, press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8).
- Press the **OK** button (4).
- Press the  $\triangleright$  rocker switch (8) to switch on the selected option, or the  $\triangleleft$  rocker switch (8) to switch it off.
- Press the **OK** button (4) to select a different function, or press the **DIS/ESC** button (6) to exit the menu.

## 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:

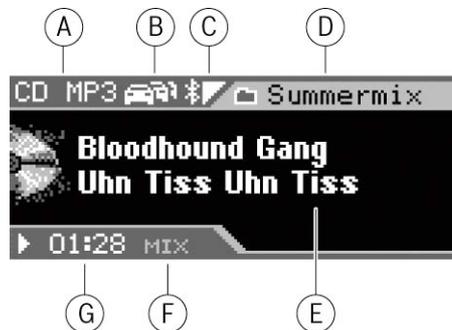
- Press the **SRC** button (12) repeatedly until "CD" or "MP3" or "USB" appears on the display.

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) Traffic information priority
- (C) *Bluetooth*<sup>®</sup> status
- (D) Current directory
- (E) Display area for the file name and artist, album or track (if stored as ID3 tag of the MP3 file)
- (F) Random playback (MIX) or repeat function (RPT)
- (G) Playing time

You can switch between the following modes with the **DIS-ESC** button (6):

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

## 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 $\overline{\wedge}$ or $\underline{\vee}$ (8). | $\overline{\wedge}$ : Selecting the next folder<br>$\underline{\vee}$ : Selecting the previous folder                             |
| Selecting tracks  | Press the rocker switch $\leftarrow$ or $\rightarrow$ (8).             | $\rightarrow$ : Playing the next track<br>$\leftarrow$ : Playing the previous track (Repeats the current track when pressed once) |
| Fast search       | Press and hold the rocker switch $\leftarrow$ or $\rightarrow$ (8).    | Audibly scanning a track forward or back  |

| Function        | Action  | Response  |
|-----------------|---|---|
| Scanning tracks | Press the <b>OK</b> button (4) 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 MP3 menu

The functions of the following table can be called up in the MP3 menu.

| Function         | Menu item | Options  |
|------------------|-----------|--|
| Random playback  | MIX       | "MIX FOLDER" <input checked="" type="checkbox"/> : Mix tracks of the current folder.<br>"MIX ALL" <input checked="" type="checkbox"/> : Mix all the tracks.        |
| Repeating tracks | REPEAT    | "REPEAT TRACK" <input checked="" type="checkbox"/> : Repeat the current track.<br>"REPEAT FOLDER" <input checked="" type="checkbox"/> : Repeat the current folder. |

| Function                        | Menu item | Options   |
|---------------------------------|-----------|---|
| Displaying track information    | DISPLAY   | "ARTIST" <input checked="" type="checkbox"/> : Display the artist.<br>"ALBUM" <input checked="" type="checkbox"/> : Display the album.<br>"SONG" <input checked="" type="checkbox"/> : Display the track names. |
| Switching scrolling text on/off | SCROLL    | <input checked="" type="checkbox"/> : The track information appears as scrolling text.<br><input type="checkbox"/> : The track information does not appear as scrolling text.                                   |

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

- press the **MENU** button (13).

The MP3 menu opens.

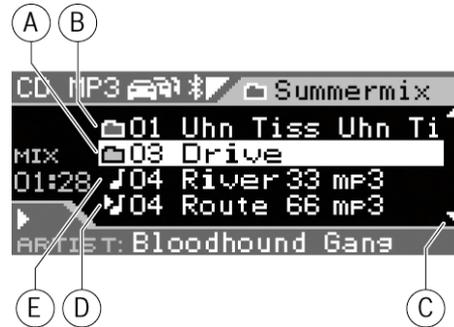
- To select the desired function, press the rocker switch  $\overline{\wedge}$  or  $\vee$  (8).
- Press the **OK** button (4).
- To select the desired option among several options, press the rocker switch  $\overline{\wedge}$  or  $\vee$  (8).
- Press the  $\triangleright$  rocker switch (8) to switch on the selected option, or the  $\triangleleft$  rocker switch (8) to switch it off.

- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## 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.

### The browse display



- (A) Marked directory or track (open or playback with  $\triangleright$  rocker switch (8))
- (B) Directory
- (C) Up and down arrows indicate in which direction you can scroll
- (D) Currently playing track

## (E) Track

### Selecting tracks in Browse mode

- During MP3/WMA playback, press the **DIS-ESC** button (6) repeatedly until the 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  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to scroll through the tracks and folders.

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

- Press the  $\leftarrow$  rocker switch (8) to change up to a higher-level folder.
- Press the  $\rightarrow$  rocker switch (8) 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  $\rightarrow$  rocker switch (8))

## Selecting tracks in Playlist mode

- During MP3/WMA playback, press the **DIS-ESC** button (6) repeatedly until the 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  $\overline{\Delta}$  or  $\nabla$  (8) to scroll through the playlists.

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

- Press the  $\triangleright$  rocker switch (8) to open a playlist.
- Press the rocker switch  $\overline{\Delta}$  or  $\nabla$  (8) to scroll through the tracks of the playlist.
- Press the  $\triangleright$  rocker switch (8) 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.

# iPod mode

## Note:

To connect an iPod, you require a corresponding adapter cable and initial settings to be made. Please contact your TATA service station.

## Starting iPod mode

To select a connected iPod as audio source,

- press the **SRC** button (12) repeatedly until "IPOD" appears on the display.

The iPod display appears. The playback starts.

## The iPod display



- (A) Traffic information priority
- (B) *Bluetooth*® status
- (C) Track number

- (D) Number of the list (playlist, album or artist)
- (E) Random playback (MIX) or repeat function (RPT)
- (F) Playing time

## Functions in the iPod mode

| Function         | Action  | Display/response   |
|------------------|---|--|
| Selecting tracks | Press the rocker switch < or > (8).                       | >: Playing the next track<br><: Playing the previous track (Repeats the current track when pressed once)   |
| Selecting a list | Press the rocker switch ^ or v (8).                       | ^: Playing the next list<br>v: Playing the previous list   |
| Fast search      | Press and hold the rocker switch < or > (8).              | Audibly scanning a track forward or back   |
| Scanning tracks  | Press the <b>OK</b> button (4) for longer than 2 seconds. | "SCAN": Scan all tracks of the current list for approx. 10 seconds. Press again briefly: Switches scan off |

## The iPod menu

The functions of the following table can be called up in the iPod menu.

| Function         | Menu item | Options  |
|------------------|-----------|--|
| Random playback  | MIX       | "MIX LIST" <input checked="" type="checkbox"/> : Mix the tracks of the current list.<br>"MIX ALL" <input checked="" type="checkbox"/> : Mix all the tracks.    |
| Repeating tracks | REPEAT    | "REPEAT TRACK" <input checked="" type="checkbox"/> : Repeat the current track.<br>"REPEAT LIST" <input checked="" type="checkbox"/> : Repeat the current list. |

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

- press the **MENU** button (13).

The iPod menu opens.

- To select the desired function, press the rocker switch  $\overline{\wedge}$  or  $\vee$  (8).
- Press the **OK** button (4).
- To select the desired option, press the rocker switch  $\overline{\wedge}$  or  $\vee$  (8).
- Press the  $\triangleright$  rocker switch (8) to switch on the selected option, or the  $\triangleleft$  rocker switch (8) to switch it off.

- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) 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 and connecting 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 (13).
- Press the rocker switch < (8) repeatedly until the system menu "Syst" opens.

The "BT" menu item is selected.

- Press the **OK** button (4) to call up the menu item.

The "PAIR" menu item is selected.

- Press the **OK** button (4) to call up the menu item.

- Press the rocker switch  $\bar{\wedge}$  or  $\bar{\vee}$  (8) until the "STREAM" menu item is selected.

- Press the **OK** button (4).

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 > (8) again.

After entering the complete PIN number,

- press the **OK** button (4).

#### **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.

"START PAIRING" appears on the display. As soon as the connection is established, "DEVICE CONNECTED" briefly appears on the display.

#### **Note:**

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

## Automatic connection of the Bluetooth® player

During switch-on, the car sound system automatically attempts to establish a *Bluetooth*® connection to the *Bluetooth*® player connected last or to the first device in the list of registered devices.

If the connection has been established, "DEVICE CONNECTED" is briefly shown on the display, and you can select the connected *Bluetooth*® player as audio source. If the car sound system was in *Bluetooth*® streaming mode during switch-off, the connected *Bluetooth*® player is automatically selected as current audio source after the connection is established.

If the connection cannot be established, the display shows a corresponding message:

- CONNECTION FAILED – DEVICE NOT FOUND: The car sound system cannot find the *Bluetooth*® player, e.g. because the *Bluetooth*® player is switched off or its *Bluetooth*® function is deactivated.
- CONNECTION FAILED: The car sound system finds the *Bluetooth*® player, but the connection cannot be established due to a *Bluetooth*® error.

In these two cases, the car sound system continues to attempt the connection in the background. If you attempt to call up a *Bluetooth*® function on the car sound system, "BLUETOOTH LINK BUSY – PRESS REJECT KEY TO CANCEL" is displayed. If you want to cancel the connection attempt, press the .

button (7). If necessary, attempt to manually establish the connection to the *Bluetooth*® player in the device list (see the section "Managing registered *Bluetooth*® devices in the device list" in the chapter "*Bluetooth*® phone call").

- CONNECTION FAILED – PLAY FROM THE DEVICE VIA BLUETOOTH: The car sound system can establish a *Bluetooth*® connection to the *Bluetooth*® player, but the *Bluetooth*® player can transfer audio data, e.g. since you currently have a menu open on the *Bluetooth*® player.

If the transfer of audio data fails, you can select on the *Bluetooth*® player (or the streaming-ready cell phone) whether you want to allow or disallow the audio streaming to the car sound system. If necessary, please read the instructions of your *Bluetooth*® player for further details.

## Starting the Bluetooth® streaming mode

- Press the **SRC** button (12) 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 a phone call is taking place or 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 phone call or the phone book download.

- If the connection is lost in *Bluetooth*<sup>®</sup> streaming mode, "CONNECTION LOST – PRESS OK TO RETRY" appears on the display. Press the **OK** button (4) to re-establish the connection, or press the **DIS ESC** button (6) to return to the last audio source. If the *Bluetooth*<sup>®</sup> player is not ready or out of range when pressing the **OK** button (4), "CONNECTION FAILED - DEVICE NOT FOUND" appears. The device then automatically returns to the audio source heard last.

## The Bluetooth<sup>®</sup> streaming display



- (A) Traffic information priority
- (B) *Bluetooth*<sup>®</sup> status
- (C) Track information (The track name is displayed only if this function is supported by the *Bluetooth*<sup>®</sup> player)

## Functions in the Bluetooth<sup>®</sup> streaming mode

| Function         | Action                              | Display/response   |
|------------------|-------------------------------------|--|
| Selecting tracks | Press the rocker switch < or > (8). | >: Playing the next track<br><: Playing the previous track (Repeats the current track when pressed once) |

## AUX mode

You can connect different external audio sources to the device via the AUX input:

- External audio sources, such as portable CD players, MiniDisc players or MP3 players.
- Apple iPod box

This device is factory-set for the connection of an external audio source.

To connect an external audio source, please open the "AUX " flap. Insert the connector of the external audio source in the AUX slot. To locate the slot in the car, please read the car manual.

### Note:

To connect an iPod, you require a corresponding adapter cable and initial settings to be made. Please contact your TATA service station.

## Selecting the external audio source and switching it on/off

You can then select the external audio source by pressing the **SRC** button (12) repeatedly until "AUX" appears on the display.

If there is no external audio source connected to the AUX input, you can deactivate the AUX input in the menu.

- Press the **MENU** button (13).

- Press the rocker switch  $\leftarrow$  (8) repeatedly until the system menu "Syst" opens.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the "AUX" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Switch between the settings with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
  - "AUX" : AUX input on.
  - "AUX" : AUX input off.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Naming external audio sources (AUXEDIT)

For the AUX input, you can enter a separate name that is shown on the display if you select the connected audio source.

- Press the **MENU** button (13).
- Press the rocker switch  $\leftarrow$  (8) repeatedly until the system menu "Syst" opens.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the "AUXEDIT" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current name is displayed. The position digit flashes and can be changed. You can now enter your own name with up to 14 characters:

- Enter the name by pressing the corresponding buttons of the keys (9). Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (8) again.

After entering the complete name,

- press the **OK** button (4) to store the name entered.

#### Notes:

- To quit the text input without changing the welcome text, press the **DIS-ESC** button (6).
- If the text entry is interrupted, e.g. by a traffic announcement, the previous changes are not stored.

## Mixing an external audio source with another audio source (MIX AUX)

You can play an external audio source simultaneously with any other audio source of the radio (radio, CD, USB or *Bluetooth*<sup>®</sup> streaming).

This function allows you, e.g. to connect a mobile navigation device as external audio source and to play the navigation announcements via the radio loudspeakers while listening to one of the other audio sources. Note that the other audio source is not muted in this case if a navigation announcement is broadcast.

#### Note:

The volume of the external audio source and the volume of the audio source of the radio are adjusted separately:

- Adjust the volume for the radio, CD, USB or *Bluetooth*<sup>®</sup> streaming playback with the volume control (10).
- Use an output on the connected device whose volume you can adjust (e.g. the headphones output), and adjust the volume of the external audio source with the corresponding controller of the device.

The simultaneous playback must be activated in the menu. If "MIX AUX" is switched on, the audio source connected via the AUX input is played back together with the currently selected audio source (e.g. radio or CD). If "MIX AUX" is switched off, only the selected audio source is played in each case.

To switch "MIX AUX" on/off,

- press the **MENU** button (13).
- Press the rocker switch < (8) repeatedly until the system menu "Syst" opens.
- Press the rocker switch  $\bar{\wedge}$  or  $\vee$  (8) until the "MIX AUX" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Switch between the settings with the rocker switch < or > (8).
  - "MIX AUX" : On.
  - "MIX AUX" : Off.

- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Bluetooth® phone call

The integrated *Bluetooth*® module in your device allows the handsfree use of a phone via a *Bluetooth*® connection. The cell phone can remain in the bag or the glove compartment – you have both hands free for steering.

Besides cell phones, you can also connect *Bluetooth*®-ready MP3 players with the device and play back audio contents via *Bluetooth*® streaming. For further details, please read the chapter "*Bluetooth*® streaming mode".

### Bluetooth® preparation

Prerequisites for *Bluetooth*® phone calls are a *Bluetooth*® cell phone and the installation of the supplied microphone (see the installation instructions).

#### Note:

Use only the supplied microphone. Conventional microphones are not suitable for a connection to this device.

Contact your TATA service station for a list of cell phones that are compatible with the car sound system. The *Bluetooth*® technology is a wireless connection with a short range. That is, the cell phone must be located in the vicinity of the car sound system (in the vehicle).

### How is a Bluetooth® connection established?

First, the cell phone and the car sound system have to "become acquainted" with each other, i.e. they must be registered. When you register the devices, a *Bluetooth*®

connection is subsequently established. This connection remains in effect as long as the cell phone is within range. If the connection is interrupted, e.g. because you moved the cell phone outside the range, the connection is automatically re-established as soon as you are back within range.

If you want to connect another registered cell phone with the car sound system, you can do so manually (please read the section "Managing registered *Bluetooth*® devices" in this chapter). If the device is switched off and on again, it automatically attempts to establish a connection with the master telephone (see the section "Determining the master telephone"). If the master telephone is not within range or switched off, the device attempts to establish a connection with another registered cell phone, and in the order in which the telephones were connected last.

### Opening the Bluetooth® menu

The *Bluetooth*® menu contains all the required settings and functions.

To open the *Bluetooth*® menu,

- press the **MENU** button (13).
- Press the rocker switch < (8) repeatedly until the system menu "Syst" opens.

The "BT" menu item is selected.

- Press the **OK** button (4) to call up the menu item.

The *Bluetooth*® menu opens.

### Note:

If a *Bluetooth*<sup>®</sup> process is currently taking place (e.g. registering a device or downloading a phone book), you cannot open the *Bluetooth*<sup>®</sup> menu for the duration of the process. A corresponding message appears on the display. To return to the current audio source, press the **DIS ESC** button (6).

## Registering the cell phone

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

To register a cell phone,

➤ open the *Bluetooth*<sup>®</sup> menu.

The "PAIR" menu item is selected.

➤ Press the **OK** button (4) to call up the menu item.

The Device menu opens. The "PHONE" (cell phone) menu item is selected.

➤ Press the **OK** button (4).

The display shows the PIN number for the *Bluetooth*<sup>®</sup> connection. The *Bluetooth*<sup>®</sup> cell phone can now be registered.

➤ If requested, enter the PIN displayed in your cell phone.

The car sound system independently establishes a *Bluetooth*<sup>®</sup> connection to the cell phone that was registered

last and is available. While the *Bluetooth*<sup>®</sup> connection is being established, the *Bluetooth*<sup>®</sup> symbol flashes on the display. If the connection has been established, "DEVICE CONNECTED" is briefly shown on the display, and the symbol for the *Bluetooth*<sup>®</sup> signal strength appears. If no connection could be established, then "CONNECTION FAILED" is displayed.

### Notes:

- The time required for the connection is dependent upon the cell phone and can differ from cell phone to cell phone.
- The *Bluetooth*<sup>®</sup> signal strength is displayed only if it is supported by the connected cell phone.

## Automatic connection of the cell phone

During switch-on, the car sound system automatically attempts to establish a *Bluetooth*<sup>®</sup> connection to the cell phone connected last or to the first device in the list of registered devices.

After the connection is established, "DEVICE CONNECTED" briefly appears on the display.

If the connection cannot be established, the display shows a corresponding message:

- CONNECTION FAILED – DEVICE NOT FOUND: The car sound system cannot find the cell phone, e.g. because the cell phone is switched off or its *Bluetooth*<sup>®</sup> function is deactivated.

- CONNECTION FAILED: The car sound system finds the cell phone, but the connection cannot be established due to a *Bluetooth*<sup>®</sup> error.

In these two cases, the car sound system continues to attempt the connection in the background. If you attempt to call up a *Bluetooth*<sup>®</sup> function on the car sound system, "BLUETOOTH LINK BUSY – PRESS REJECT KEY TO CANCEL" is displayed. If you want to cancel the connection attempt, press the  button (7). If necessary, attempt to manually establish the connection to the cell phone in the device list (see the section "Managing registered *Bluetooth*<sup>®</sup> devices in the device list").

## Determining the master telephone

If you register several telephones with the device, you can determine a master telephone. The master telephone has a higher priority than the other registered telephones:

- If the device is switched on, it first attempts to establish a connection with the master telephone. Only if the master telephone is not available, does the device attempt to establish a connection with the telephone registered last.
  - If you register a sixth *Bluetooth*<sup>®</sup> device, the one registered first is unregistered. During the process, the master telephone always remains registered, even if it is the first registered *Bluetooth*<sup>®</sup> device in the list. Instead, the next *Bluetooth*<sup>®</sup> device in the list is unregistered.
- Open the *Bluetooth*<sup>®</sup> menu.

- Press the rocker switch  or  (8) until the "MASTER" menu item is selected.

- Press the **OK** button (4) to call up the menu item.

A list of the registered cell phones is displayed.

- Press the rocker switch  or  (8) to select a telephone.

- Press the **OK** button (4).

The selected telephone is defined as master telephone and identified by an "M".

To delete the master telephone,

- select the master telephone in the list with the rocker switch  or  (8).

- Press the **OK** button (4).

The "DELETE" option is selected in the submenu.

- Press the **OK** button (4).

The display briefly shows "DELETED MASTER", and you are returned to the list of registered cell phones.

### Note:

After the deletion, no telephone is defined as master telephone. However, the former master telephone remains registered.

## Managing registered Bluetooth® devices

In the *Bluetooth*® menu, you can manage the registered *Bluetooth*® devices (cell phones and devices such as MP3 player).

The "DEL ALL" function allows you to unregister all registered *Bluetooth*® devices.

The registered devices are displayed on the device list (DEV LIST). You can do the following:

- Disconnect the connection to the currently connected *Bluetooth*® device (DISCON)
- Establish a connection to one of the registered *Bluetooth*® devices (CONNECT)
- Unregister a *Bluetooth*® device (DELETE)

### Unregister all registered Bluetooth® devices

- Open the *Bluetooth*® menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\Lambda}$  (8) until the "DEL ALL" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The "YES" menu item is selected.

- Press the **OK** button (4) to unregister all registered *Bluetooth*® devices.

The display briefly shows "DELETED ALL DEVICES", and you are returned to the *Bluetooth*® menu.

OR:

- Use the rocker switch  $\overline{\Lambda}$  or  $\underline{\Lambda}$  (8) to select the menu item "NO" or "EXIT".

- Press the **OK** button (4) to leave all registered *Bluetooth*® devices as is and return to the *Bluetooth*® menu.

### Managing registered Bluetooth® devices in the device list

To manage the registered *Bluetooth*® devices in the device list,

- open the *Bluetooth*® menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\Lambda}$  (8) until the "DEV LIST" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Use the rocker switch  $\overline{\Lambda}$  or  $\underline{\Lambda}$  (8) to select whether cell phones (PHONE) or devices such as MP3 players (STREAM) should be managed.
- Press the **OK** button (4).
- Select the desired *Bluetooth*® device with the rocker switch  $\overline{\Lambda}$  or  $\underline{\Lambda}$  (8).
- Press the **OK** button (4).

- Select one of the following functions with the rocker switch  or  (8):
  - "CONNECT": The selected *Bluetooth*<sup>®</sup> device is connected.
  - "DISCON": The connection to the selected *Bluetooth*<sup>®</sup> device is disconnected.
  - "DELETE": The selected *Bluetooth*<sup>®</sup> device is unregistered.

**Note:**

The "DISCON" function is only available to the currently connected *Bluetooth*<sup>®</sup> device, the "CONNECT" function only for the other registered *Bluetooth*<sup>®</sup> devices.

- Press the **OK** button (4).

Before you are returned to the device list, the following messages are briefly shown on the display:

- If you selected "CONNECT": First "CONNECTING" (the radio attempts to establish the connection), then "DEVICE CONNECTED" (the connection is established) or "CONNECTION FAILED – DEVICE NOT FOUND" (the connection could not be established).
- If you selected "DISCON": "DEVICE DISCONNECTED" (connection to the device is interrupted).
- If you selected "DELETE": "DELETED DEVICE" (the device is unregistered). If you selected the last device

from the list, "EMPTY" (empty list) is briefly displayed and you are returned to the *Bluetooth*<sup>®</sup> menu.

## Answering/rejecting a phone call

If you are receiving a call, the display shows "INCOMING CALL" and the phone number of the caller or his entry in the phone book. The active audio source is muted and the ring tone is sent to the loudspeakers. If the cell phone does not send a ring tone, the device generates its own ring tone.

In case of an incoming call, you must answer or reject the call. At this time, it is not possible to perform another operation using the car sound system.

To reject the call,

- press the  button (7).

The display shows "CALL ENDED".

To answer the call,

- press the  button (11).

The display shows "IN CALL – HANDSFREE". Your caller's voice is broadcast via the loudspeakers.

**Notes:**

- During the call, you can change the volume by means of the volume control (10).
- During the *Bluetooth*<sup>®</sup> phone call, no traffic or navigation announcements are switched through.

## Making a call (DIAL NEW)

There are several ways of making a phone call via the car sound system:

- Enter and call a phone number or store it under a button of the keys (9) (see this section and the section "Speed dial").
- Calling a number stored under a button of the keys (9) (see the section "Speed dial").
- Calling a phone number stored in the phone book of the device (see the section "Storing and calling a phone number in the phone book of the device" and the section "Speed dial"). If the cell phone supports voice dialing, you can also call a number via voice dialing with the device (see the section "Speed dial").
- Calling a phone number stored in the phone book of the connected cell phone (also via voice dialing, see the section "The phone book of the cell phone" and the section "Speed dial").
- Calling a phone number from the history (see the section "Calling a phone number from the history" and the section "Speed dial").

To enter a phone number and make a call,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "DIAL NEW" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

Now you can enter a phone number:

- 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  $\leftarrow$  or  $\rightarrow$  (8) again.

To call the phone numbers entered,

- press the  button (11).

The display shows "CALLING" and the dialed phone number or its entry in the phone book.

To store the number entered under one of the buttons **0 - 9** of the keys (9),

- press the **OK** button (4).

The display shows "Press Number Key To Store OR Press ACCEPT To Call".

- Press the desired key of the keys (9).

"Number Saved" briefly appears on the display. The number entered is stored under the selected button of the keys (9) and you are returned to the menu.

### Notes:

- You can store up to 10 numbers under the buttons **0 - 9** of the keys (9).
- If you save a number under a button that already features a saved number, the existing number is automatically replaced.

- If you did not enter a number, "NO NUMBER TO SAVE" is briefly displayed after pressing the button **0 - 9** (9) and you are returned to the number input.

## Ending a call

To end a call,

- press the  button (7).

The display shows "CALL ENDED".

## Redirecting an ongoing phone call to the cell phone

By default, the voice of the person calling you is played back via the loudspeakers of the vehicle during a phone call. You can also redirect a phone call to your cell phone:

- Briefly press the  button (11).

The display shows "IN CALL – HEADSET". The loudspeakers in the vehicle are muted and the voice of your caller is redirected to your cell phone. By pressing the  button (11) again, the sound is played back again via the loudspeakers in the vehicle and the display shows "IN CALL – HANDSFREE" again.

OR:

- Press the On/Off button (10) for longer than 2 seconds.

The car sound system is switched off and your caller is redirected to your cell phone.

## Storing and calling a phone number in the phone book of the device

The device features its own phone book in which you can store 10 entries. Every entry consists of a name and a phone number. The numbers stored in the phone book of the device are available independent of the currently connected cell phone.

### Storing phone numbers

To store an entry in the phone book of the device,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  or  (8) until the "RAD PBK" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The "ADD NEW" menu item is selected.

- Press the **OK** button (4).

You can now enter your the name of the entry with up to 14 characters:

- Enter the name by pressing the corresponding buttons of the keys (9). Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch  or  (8) again.

After entering the complete name,

- press the **OK** button (4).

You can now enter the phone number with up to 14 digits:

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

After entering the complete phone number,

- press the **OK** button (4).

The new entry is stored. You are returned to the menu.

### Calling a phone number

To call a number stored in the phone book of the device,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the "RAD PBK" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the "VIEW PBK" menu item is selected.
- Press the **OK** button (4).

The entries of the phone book of the device are displayed.

- Select the desired entry with the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8).
- Press the  button (11) to make the call.

The display shows "CALLING" and the selected entry in the phone book.

### Editing an entry

To edit an existing entry in the phone book of the device,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the "RAD PBK" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) until the "EDIT PBK" menu item is selected.
- Press the **OK** button (4).

The entries of the phone book of the device are displayed.

- Select the desired entry with the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8).
- Press the **OK** button (4).

You can now edit the name of the entry:

- If necessary, press the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) to select a position.
- Enter the desired character by pressing the corresponding button of the keys (9) once or several times.

After editing the complete name,

- press the **OK** button (4).

Now you can edit the phone number:

- If necessary, press the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) to select a position.

- Enter the desired digit by pressing the corresponding button of the keys (9).

After editing the complete phone number,

- press the **OK** button (4).

The modified entry is stored. You are returned to the menu.

### Deleting entries

To delete an existing entry in the phone book of the device,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "RAD PBK" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "DELETE" menu item is selected.
- Press the **OK** button (4).

The entries of the phone book of the device are displayed.

- Select the desired entry with the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8).
- Press the **OK** button (4).

"CONTACT DELETED" briefly appears on the display. The selected entry is deleted and you are returned to the menu.

#### Note:

To delete all entries of the phone book, select the "DEL ALL" menu item instead of the "DELETE" menu

item and press the **OK** button (4). Use the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) to select "YES" and press the **OK** button (4). The display briefly shows "DELETED ALL CONTACTS" and you are returned to the menu.

## The phone book of the cell phone

You can upload the phone book of the connected cell phone to the device and then select and call entries from the phone book via the device.

#### Note:

Downloading the phone book means that the entries are copied from the cell phone to the device. The phone book of the cell phone is **not** deleted in the process.

The device stores phone book entries of up to 3 cell phones with up to 500 entries each. Each entry may contain up to 4 different phone numbers, e.g. for private and office numbers of a person.

### Downloading a phone book

To download the phone book,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "PBK DNL" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The download of the phone book from the cell phone to the device starts. "PHONEBOOK DOWNLOADING – PLEASE WAIT" appears on the display. After the download is

complete, it shows "DOWNLOAD COMPLETE"; if the download was not successful, it shows "DOWNLOAD FAILED".

**Note:**

If the device is currently in the *Bluetooth*<sup>®</sup> streaming mode when the phone book is being downloaded, the audio transfer is interrupted for the duration of the phone book download.

**Calling an entry in the phone book**

**Note:**

Only the phone book of the currently connected cell phone is available (if this phone book has already been downloaded to the device).

To call an entry in the phone book of the cell phone,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "MOB PBK" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The entries of the phone book are displayed.

- Select the desired entry with the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8).

**Note:**

To reach the desired entry faster, press the button of the alphanumeric keys (9) with the corresponding starting letter.

In each case, the first available number for the currently selected entry is displayed. If additional numbers are available under the entry, e.g. an office or cell phone number, it is indicated by means of corresponding symbols on the display.

To call the first number of the entry,

- press the  button (11).

OR:

To call a different number of the entry,

- press the **OK** button (4).

All numbers stored under this entry are displayed.

- Select the desired number with the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8).
- press the  button (11).

The call is being made. "CALLING" and the name of the entry are shown on the display.

## Calling a phone number from the history

### Note:

The history of the cell phone is available only if it is supported by the cell phone.

The history of the cell phone is automatically downloaded after establishing the *Bluetooth*<sup>®</sup> connection. The following phone numbers are stored in the history of the cell phone:

- Numbers dialed
- The numbers of received calls
- The numbers of missed calls

To call one of these numbers,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  or  (8) until the "CALL LOG" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Press the rocker switch  or  (8) to select one of the following menu items:
  - RECEIVED: Received calls
  - MISSED: Missed calls
  - DIALED: Numbers dialed
- Press the **OK** button (4) to call up the menu item.

The entries of the corresponding list are displayed. The date and time are displayed for the selected entry, if available.

### Note:

Every list contains up to 5 entries. The order of the list entries is determined by the cell phone.

- Select the desired entry with the rocker switch  or  (8).
- Press the  button (11) to make the call.

## Speed dial

The speed dial function allows the direct entry of a phone number and access to numbers that are stored under the buttons of the keys (9), to the phone book of the device, to the phone book transferred from the cell phone, to the lists of the history and to the voice dialing function.

To use the speed dial,

- during the playback of the current audio source, simply press the  button (11).

A menu with the following menu items is displayed:

- MOB PBK: Phone book uploaded from the cell phone
- RAD PBK: Phone book of the device
- RECEIVED: Received calls
- MISSED: Missed calls
- DIALED: Numbers dialed
- VR DIAL: Voice dialing

To enter a number directly,

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

The menu for entering numbers opens automatically by pressing the first number button. 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 > (8) again.

To call the phone numbers entered,

- press the  button (11).

To call a number that is stored under one of the buttons 0 – 9 of the keys (9),

- press and hold the corresponding button of the keys (9) for longer than 2 seconds.

To dial a number from one of the phone books or one of the lists of the history,

- select the desired menu item with the rocker switch  or  (8).
- Press the **OK** button (4).
- Select the desired entry or the number with the rocker switch  or  (8).
- Press the  button (11) to make the call.

To use voice dialing,

- use the rocker switch  or  (8) to select the "VR DIAL" menu item.
- Press the **OK** button (4).

The voice recognition is activated. "SPEAK NOW" appears on the display.

#### Notes:

- The duration for which the voice recognition activated depends on the connected cell phone.
  - If no cell phone is connected, "VOICE DIAL FAILED – NO BLUETOOTH CONNECTION" briefly appears on the display.
  - If the voice recognition function of the cell phone is switched off, "VOICE RECOGNITION LINK NOT ACTIVE" briefly appears on the display.
- Say the name for the desired phone number.

#### Notes:

- If the name spoken is not recognised, "VOICE RECOGNITION LINK NOT ACTIVE" briefly appears on the display.
- To cancel voice recognition and return to the last audio source, press the  button (7).
- To use voice dialing, this function must be supported by your cell phone and activated in the cell phone.

The call is being made.

## Changing the PIN (PIN NUM)

If you want to register a cell phone with the car sound system, you must enter PIN "1234". This PIN can also be changed:

- Open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "PIN NUM" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

Now you can enter the new PIN:

- 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  $\leftarrow$  or  $\rightarrow$  (8) again.

After entering the complete new PIN number,

- press the **OK** button (4).

"PIN NUMBER SAVED" briefly appears on the display. The new PIN number is stored and you are returned to the menu.

## Changing the *Bluetooth*<sup>®</sup> name of the device (RAD NAME)

The *Bluetooth*<sup>®</sup> name of the device under which it is displayed by other *Bluetooth*<sup>®</sup> devices is set to "TATA" at the factory. To change this name,

- open the *Bluetooth*<sup>®</sup> menu.
- Press the rocker switch  $\overline{\Lambda}$  or  $\underline{\vee}$  (8) until the "RAD NAME" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

You can now enter a new *Bluetooth*<sup>®</sup> name:

- Enter the name by pressing the corresponding buttons of the keys (9). Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) again.

After entering the complete name,

- press the **OK** button (4).

"RADIO NAME SAVED" briefly appears on the display. The new *Bluetooth*<sup>®</sup> name is stored and you are returned to the menu.

# Remote controls

The most frequently used functions can also be controlled with the steering wheel remote control and the infrared remote control (IR remote control).

## Functions of the steering wheel remote control

### General

Left keys:

**VOL +** Increases the volume.

**VOL -** Decreases the volume.

**MUTE**  Muting the device/cancelling mute  
*Bluetooth*<sup>®</sup> cell phone: Rejects an incoming call or ends the current phone call

Right keys:

**MODE** Changes between audio sources  
*Bluetooth*<sup>®</sup> cell phone: Answers an incoming call

### FM/AM mode

Right keys:

**SEEK ▲** Short press: Increases frequency in increments  
Long press: Starts seek tuning forward to the next receivable station

**SEEK ▼** Short press: Decreases frequency in increments  
Long press: Starts seek tuning backward to the next receivable station

### CD mode

Right keys:

**SEEK ▲** Selects the next track

**SEEK ▼** Selects the previous track

### MP3 mode

Right keys:

**SEEK ▲** Short press: Selects the next track  
Long press: Selects the next directory

**SEEK ▼** Short press: Selects the previous track  
Long press: Selects the previous directory

## Functions of the IR remote control

### General

**SRC** Changes between audio sources

**VOLUME +** Increases the volume

**VOLUME -** Decreases the volume

 Muting the device/cancelling mute

### FM/AM mode

 Starts seek tuning forward to the next receivable station

 Starts seek tuning backward to the next receivable station

 Increases frequency in increments

 Decreases frequency in increments

### CD mode

 Selects the next track

 Selects the previous track

 Short press: Selects the next track  
Long press: Fast searching forward

 Short press: Selects the previous track  
Long press: Fast searching reverse

### MP3 mode

 Selects the next directory

 Selects the previous directory

 Long press: Fast searching forward

 Short press: Selects the previous track  
Long press: Fast searching reverse

### iPod mode (if iPod box is properly connected)

 Selects the next list

 Selects the previous list

 Short press: Selects the next track  
Long press: Fast searching forward

 Short press: Selects the previous track  
Long press: Fast searching reverse

## Sound settings

The following sound settings can be changed in the Audio menu:

- Adjusting bass, treble and volume distribution
- Selecting the sound presetting
- Changing equaliser settings

### Note:

The settings for bass (BASS), middle (MIDDLE) and treble (TREBLE) are each stored for the current audio source. For traffic announcements and telephone calls, the setting of the volume distribution (FADER, BALANCE) is stored separately.

## Opening the Audio menu

To call up the Audio menu,

- press the **AUDIO** button (5).

OR:

- Press the **MENU** button (13).
- Press the **<** rocker switch (8) until the Audio menu is displayed.

## Adjusting bass, treble and volume distribution

To perform settings,

- press the rocker switch **↔** or **↵** (8) in the Audio menu to select one of these menu items.
  - "BASS": Bass level between -7 and +7

- "TREBLE": Treble between -7 and +7
- "BALANCE": Volume distribution left/right between -9 and +9
- "FADER": Volume distribution front/rear between -9 and +9
- "X-BASS": Increasing the bass at low volume from 0 (off) to 3

The currently active setting is represented by a bar display.

- Press the **OK** button (4) to call up the menu item.
- To change the setting, press the rocker switch **<** or **>** (8).
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Selecting a sound preset (PRESETS)

You can select sound presets for Pop, Rock and Classical. A sound preset allows adjusting a suitable combination of bass and treble for the type of music.

- in the Audio menu, press the rocker switch **↔** or **↵** (8) repeatedly until the "EN AUDIO" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The Enhanced Audio menu is opened.

- In the Enhanced Audio menu, press the rocker switch **↔** or **↵** (8) repeatedly until the "PRESETS" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

- Select one of the following sound presets with the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8):
  - "POP"
  - "ROCK"
  - "CLASSIC"
- Switch the selected sound preset off with the  $\leftarrow$  rocker switch (8) () or on with the  $\rightarrow$  rocker switch (8) () .
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

**Notes:**

- Only one sound preset can be switched on at any time. To activate no sound preset, switch off the currently switched-on sound preset.
- To obtain a perfect sound, the presettings can be supplemented further by the equaliser settings according to personal preferences. If you change the level setting for bass, treble or middle, the selected sound preset is switched off in the menu; but the other level settings of the sound preset are retained.

## Equalizer settings

Your device features a digital 3-band equaliser. It allows you to adjust the sound to your vehicle and your personal preferences and eliminate problems, such as droning or poor voice comprehension.

### Which equaliser setting is the correct one?

| Sound impression  | Measures       |                  |
|---|----------------|------------------|
|   | Frequency (Hz) | Level            |
| Unclean bass, droning, unpleasant pressure                | 100–200        | approx. -4       |
| Very transparent, aggressive sound, no stereo effect      | 1000–2500      | approx. -4 to -6 |
| Muffled sound, low transparency, instruments do not excel | 10000–12500    | approx. +4 to +6 |
| Insufficient bass   | 60–80          | approx. +4 to +6 |

**Tip:**

Insert a CD which you know very well if you want to adjust the equaliser. First, set the bass, treble, balance, and fader to zero. For equaliser settings, first change the settings of the mid-frequencies, followed by those for treble and finally bass.

The following table below shows the expanded setting options for bass (EBASS), treble (ETREBLE), middle (EMIDDLE) and X-Bass (EXBASS) that can be performed in the Enhanced Audio menu.

**Note:**

The table does **not** contain all the settings that are possible in the Enhanced Audio menu.

|                       | AUDIO (Audio menu)                    |  |   |                          |
|-----------------------|---------------------------------------|--|---|--------------------------|
|                       | EN AUDIO (Enhanced Audio menu)        |  |   |                          |
|                       | EBASS                                 | ETREBLE                                  | EMIDDLE                                 | EXBASS                   |
| Level (GAIN)          | –                                     | –  | -7 to +7                                | 0 to 3                   |
| Frequency (FREQ)      | 60 Hz,<br>80 Hz,<br>100 Hz,<br>200 Hz | 10 kHz<br>12.5 kHz<br>15 kHz<br>17.5 kHz | 500 Hz<br>1000 Hz<br>1500 Hz<br>2500 Hz | 30 Hz<br>60 Hz<br>100 Hz |
| Quality factor (QUAL) | 1.0,<br>1.25,<br>1.5, 2.0             | –  | 0.5, 0.75,<br>1.0, 1.25                 | –                        |

### Changing equalizer settings (EBASS, ETREBLE, EMIDDLE, EXBASS)

In the Enhanced Audio menu, you can change these settings:

- "GAIN" (level)
- "FREQ" (frequency)
- "QUAL" (quality factor)

To adjust the equalizer,

- in the Audio menu, press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) repeatedly until the "EN AUDIO" menu item is selected.

- Press the **OK** button (4) to call up the menu item.

The Enhanced Audio menu is opened.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) in the Enhanced Audio menu to select one of these menu items.

- "EBASS": Bass
- "ETREBLE": Treble
- "EMIDDLE": Middle
- "EXBASS": Increasing bass at low volume

- Press the **OK** button (4) to call up the menu item.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to switch between the available menu items (see the table above):

- "GAIN"
- "FREQ"
- "QUAL"

- Press the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) to change the setting.

After you performed the settings for all menu items,

- press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## User settings

In the System menu, you can adjust these presettings to your preferences:

- Welcome text
- Volume presettings
- Display settings
- Scan time

### Opening the System menu

- Press the **MENU** button (13).
- Press the rocker switch <(8) repeatedly until the system menu "Syst" opens.

### Changing the welcome text (ON MSG)

When you switch on the device, an animation appears. It contains the factory-set welcome text "WELCOME".

To change this text,

- in the System menu, press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) repeatedly until the "ON MSG" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current welcome text is displayed. The position digit flashes and can be changed. You can now enter your own welcome text with up to 20 characters:

- Enter the text by pressing the corresponding buttons of the keys (9). Select the desired letter, if necessary by pressing a button several times.

After entering one letter, the device automatically switches to the next one. To correct any entry errors, select the corresponding digit by pressing the rocker switch < or > (8) again.

After entering the complete welcome text,

- press the **OK** button (4) to store the welcome text entered.

#### Notes:

- To quit the text input without changing the welcome text, press the **DIS-ESC** button (6).
- If the text entry is interrupted, e.g. by a traffic announcement, the previous changes are not stored.

### Changing volume presettings

The following presettings can be changed in the System menu:

- Power-on volume (ON VOL)
- Volume presettings of traffic announcement (TA VOL), telephone/navigation announcement (TEL VOL) and volume reduction (MUTE VOL)
- Signal tone (BEEP ON)

## Adjusting power-on volume (ON VOL/LAST VOL)

To adjust the power-on volume,

- in the System menu, press the rocker switch  $\overline{\Delta}$  or  $\nabla$  (8) repeatedly until the "ON VOL" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current power-on volume is displayed.

- Set the power-on volume with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

Alternately, you can select the "LAST VOL" setting. This sets the volume at power-on to the volume at the last switch-off:

- In the System menu, press the rocker switch  $\overline{\Delta}$  or  $\nabla$  (8) repeatedly until the "LAST VOL" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Switch between the settings with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
  - "LAST VOL" : On.
  - "LAST VOL" : Off.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

### Note:

If "LAST VOL" is selected, the device is switched on with the volume adjusted under "ON VOL".

## Changing volume presets for TA, TEL and MUTE

If the device switches a traffic announcement, phone call or navigation announcement, it always starts with the volume preset here.

In addition, you can assign a lower volume up to the value 0 (mute) to the volume reduction (MUTE).

- In the System menu, press the rocker switch  $\overline{\Delta}$  or  $\nabla$  (8) repeatedly until one of these menu items is displayed:
  - "MUTE VOL": Presets the volume of the volume reduction
  - "TEL VOL": Presetting the volume of the phone call/navigation announcement
  - "TA VOL": Presetting the volume of the traffic announcement
- Press the **OK** button (4) to call up the menu item.

The currently set volume is displayed.

- Set the volume with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Notes:

The volume preset by you will not be used,

- if the volume currently listened to is lower than the set mute level. The device continues playing with the volume listened to.
- if the volume currently listened to is higher than the set TEL volume. In this case, phone calls/navigation announcements are reproduced with the volume listened to.
- if the volume currently listened to is higher than the set TA volume. In this case, traffic announcements are reproduced with the volume listened to.

## Activating/deactivating the signal tone (BEEP ON)

You can deactivate the signal tone that sounds as a confirmation in the menus or when storing the stations on the station buttons.

- In the System menu, press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) repeatedly until the "BEEP ON" menu item is selected.
- Press the **OK** button (4) to call up the menu item.
- Switch between the settings with the rocker switch  $\leftarrow$  or  $\rightarrow$  (8).
  - "BEEP ON" : Signal tone on.
  - "BEEP ON" : Signal tone off.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Changing display settings

The following display settings can be changed in the System menu:

- Day/night brightness (D-DAY / D-NIGHT)
- Background lighting of the display (DIS ILUM)
- Brightness of the button illumination (KEY ILUM)
- Adjusting the display viewing angle (ANGLE)

## Changing the day/night brightness (D-DAY/D-NIGHT)

The device automatically switching to night mode if you turn on the light of your vehicle. For this purpose, the device must be connected with your vehicle via a corresponding connection as described in the installation instructions.

You can adjust the display brightness separately for day and night.

- In the System menu, press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) repeatedly until the menu item "D-DAY" (day brightness) or "D-NIGHT" (night brightness) is selected.
  - Press the **OK** button (4) to call up the menu item.
- The current setting is displayed.
- Use the rocker switch  $\leftarrow$  or  $\rightarrow$  (8) to select the desired setting between 1 and 16.
  - Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Changing the background lighting of the display (DIS ILUM)

For the background lighting of the display, you can select one of 16 shades of blue:

- In the System menu, press the rocker switch  $\bar{\vee}$  or  $\vee$  (8) repeatedly until the "DIS ILUM" (display illumination) menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current setting is displayed.

- Use the rocker switch  $\langle$  or  $\rangle$  (8) to select the desired setting between 1 and 16.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Changing the brightness of the button illumination (KEY ILUM)

You can adjust the brightness of the button illumination between 1 and 16:

- In the System menu, press the rocker switch  $\bar{\vee}$  or  $\vee$  (8) repeatedly until the "DIS ILUM" (display illumination) menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current setting is displayed.

- Use the rocker switch  $\langle$  or  $\rangle$  (8) to select the desired setting between 1 and 16.

- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Adjusting the display viewing angle (ANGLE)

The angle at which the driver looks at the display is dependent upon, among other things, the installation position of the device, the seating position, and the physical size of the driver. You can optimise the display contrast for your viewing angle:

- in the System menu, press the rocker switch  $\bar{\vee}$  or  $\vee$  (8) repeatedly until the "ANGLE" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current setting is displayed.

- Use the rocker switch  $\langle$  or  $\rangle$  (8) to select the desired setting between -6 and +6.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Changing the scan time (SCANTIME)

The scan time of the SCAN function can be adjusted in the System menu for all audio sources between 5 and 30 seconds.

- In the System menu, press the rocker switch  $\bar{\vee}$  or  $\vee$  (8) repeatedly until the "SCANTIME" menu item is selected.
- Press the **OK** button (4) to call up the menu item.

The current setting is displayed.

- Use the rocker switch < or > (8) to select the desired setting in 5-second increments between 5 and 30.
- Press the **OK** button (4) to select a different function, or press the **DIS ESC** button (6) to exit the menu.

## Displaying version numbers

You can display the version numbers of the different device components.

- Switch off the device.
- Simultaneously press the **MENU** button (13) and the **#** button of the keys (9) while switching on the device.

The version display with information about the software is displayed.

- Press the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8) to change between device components.

To exit the version display,

- select the "EXIT" menu item with the rocker switch  $\overline{\wedge}$  or  $\underline{\vee}$  (8).
- Press the **OK** button (4).

The display of the audio source previously listened to is displayed.

## Technical data

|  |   |
|--|---|
| Weight:  | approx. 1.66 kg                             |
| <b>Voltage supply</b>                                    |   |
| Operating voltage:                                       | 10 – 16 V                                   |
| <b>Current consumption</b>                               |   |
| In operation:  | max. 10 A                                   |
| 10 seconds after switch-off:                             | < 3 mA                                      |
| <b>Amplifier output power</b>                            |   |
| acc. to DIN 45324:                                       | 4 x 18 W sine                               |
| <b>Input sensitivity</b>                                 |   |
| AUX-IN:  | 2 V / 6 kOhm                                |
| Tel./Navi input:   | 10 V / 1 kOhm                               |
| <b>Tuner</b>   |   |
| Wavebands in the USA                                     | FM: 87.7 – 107.9 MHz<br>AM: 530 – 1,710 kHz |
| Wavebands in Thailand and Europe (also applies to India) | FM: 87.5 – 108 MHz<br>AM: 531 – 1,602 kHz   |
| FM frequency response:                                   | 35 – 16,000 Hz                              |

|                     |                |
|---------------------|----------------|
| <b>CD player</b>    |                |
| Frequency response: | 20 – 20,000 Hz |
| <b>USB port</b>     |                |
| Current load        | max. 800 mA    |

Subject to technical changes!

# Appendix

## Supported USB devices

| Manufacturer        | Model         | Max. Capacity |
|---------------------|---------------|---------------|
| Acer                | Flash Stick   | 256 MB        |
| Aigo                | Mini          | 256 MB        |
| Aigo                | Mini          | 128 MB        |
| Apple               | iPod Mini     | 4 GB          |
| Apple               | iPod Nano     | 2 GB          |
| Apple               | iPod Shuffle  | 1 GB          |
| Cable&Wireless      | 518UASD       | 1 GB          |
| Connect 3D          | Pocket Drive  | 512 MB        |
| Creative            | MuVo N200     | 128 MB        |
| Dell                | USB Stick     | 256 MB        |
| Dell                | USB Stick     | 128 MB        |
| Disgo               | Disgo Lite    | 64 MB         |
| Disgo               | Disgo Lite    | 512 MB        |
| Disgo               | Disgo Lite    | 1 GB          |
| Emprex              | MicroStorage  | 2,5 GB        |
| FreeCom             | DataBar       | 512 MB        |
| Generic             | Flash Disk    | 64 MB         |
| Gigabyte Technology | Flash Disk    | 1 GB          |
| Hama                | FlashPen Mini | 256 MB        |

| Manufacturer | Model                    | Max. Capacity |
|--------------|--------------------------|---------------|
| Hama         | USB 2.0                  | 256 MB        |
| IBM          | USB Stick                | 128 MB        |
| Intelligent  | Stick                    | 128 MB        |
| iRiver       | H320 Multi-Codec Jukebox | 20 GB         |
| Kingston     | Data Traveller Elite     | 256 MB        |
| Kingston     | Data Traveller Elite     | 1 GB          |
| LG           | Twister MP 3 Player      | 256 MB        |
| LG           | USB drive                | 1 GB          |
| LG           | USB mirror               | 1 GB          |
| Maxfield     | Blackline MP3            | 512 MB        |
| Memorex      | traveldrive              | 512 MB        |
| m-systems    | mdrive (disk on key)     | 128 MB        |
| Netac        | OSA128                   | 128 MB        |
| Netac        | U160                     | 128 MB        |
| Philips      | GoGear                   | 512 MB        |
| Philips      | GoGear                   | 1 GB          |
| Philips      | FM51FD11B                | 512 MB        |
| PNY          | Atache                   | 512 MB        |
| PNY          | Atache                   | 256 MB        |
| PNY          | Atache                   | 128 MB        |
| PQI          | Traveling Disk           | 256 MB        |
| Samsung      | yepp MP 3 Player         | 128 MB        |
| Sandisk      | Cruzer Micro             | 512 MB        |

| <b>Manufacturer</b> | <b>Model</b>   | <b>Max. Capacity</b> |
|---------------------|----------------|----------------------|
| Sandisk             | Cruzer Micro   | 1 GB                 |
| Sandisk             | Cruzer         | 256 MB               |
| Sony                | MicroVault     | 512 MB               |
| Thomson             | Lyra PDP2456   | 256 MB               |
| Transcend           | Store Jet      | 20 GB                |
| Trekstor            | CS             | 512 MB               |
| Trekstor            | HDD            | 80 GB                |
| Trekstor            | I Beat Fun     | 512 MB               |
| Trekstor            | I Beat Joy 2.0 | 1 GB                 |
| Trekstor            | sw Go          | 256 MB               |
| Twinmos             | T1 T-drive     | 512 MB               |
| Verbatim            | Store'n'Go     | 1 GB                 |
| Victorinox          | Swissbit       | 128 MB               |
| Zynet               | Zynet          | 128 MB               |

### **Supported Bluetooth® mobile phones**

| <b>Manufacturer</b> | <b>Model</b> |
|---------------------|--------------|
| Apple               | iPhone       |
| HTC                 | S710         |
| Motorola            | K1           |
| Motorola            | Q9h          |
| Motorola            | V3i          |

| <b>Manufacturer</b> | <b>Model</b> |
|---------------------|--------------|
| Motorola            | Z3           |
| Nokia               | 5200         |
| Nokia               | 6111         |
| Nokia               | 6233         |
| Nokia               | 6300         |
| Nokia               | 7500         |
| Nokia               | N80          |
| Nokia               | N95          |
| Sagem               | 411x         |
| Samsung             | E250         |
| Samsung             | E390         |
| Samsung             | E840         |
| Samsung             | E900         |
| Samsung             | F300         |
| Samsung             | U600         |
| Sony Ericson        | W580         |
| Sony Ericson        | K800i        |
| Sony Ericson        | W810i        |

## FCC Information

This device complies with Part 15 of the FCC Results. Operation is subject to the following two conditions:

1. This Device may not cause harmful interface, and
2. This device must accept any interference received, including interference that may cause undesired operation.

### **Note:**

This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.

3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
4. Consult the dealer or experienced radio/ TV technician for help.

# Warranty

Dear Customer,

Thank you for buying Blaupunkt Car Audio System. This unit is covered under warranty against manufacturing and material defects for a period of twenty four (24) months from the date of sale. Blaupunkt's standard warranty terms & conditions in this regard shall apply. In case of a defect, Blaupunkt undertakes to get the set repaired / replaced as per company's discretion.

## Instructions for the customer

1. This warranty card has 2 parts. Kindly ensure that the car dealer fills all parts correctly.
2. Part A must be returned to the car dealer at the time of purchase of the product. Car dealer need to send this part to Blaupunkt.
3. Part B is the customer's copy. It should be retained by you for record.
4. In the event of a complaint, contact the car dealer or customer care centre or the nearest Blaupunkt Service Centre and inform the defect, Model No. & Serial. No., for obtaining service.

## Terms and condition

1. Warranty will be entertained only when completed customer and car dealers copy of warranty card and invoice copy of the vehicle is presented together with the product.

2. Warranty does not cover damage to the equipment caused by accidents, misuse , repair, additions and modifications carried out by unauthorised dealers or if tampered with , in any other manner.
3. Warranty will not apply if the type or serial number on the product has been altered , deleted , removed or made illegible.
4. Warranty does not cover user attached antennas and damages by negligence and abuse
5. Warranty does not cover accessories (e.g. cables, connectors, mic etc).
6. Blaupunkt highlights that in spite of current standards of *Bluetooth*<sup>®</sup> & USB being implemented in the radio, complaints may arise even if there aren't any quality issues with the product. This is due to compatibility issues with new *Bluetooth*<sup>®</sup> enabled & USB products. Such complaints are not part of the scope of warranty.

## DEALER'S COPY

VEHICLE REGISTRATION No: \_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_

RADIO UNIT Sr. No.: \_\_\_\_\_

|   |   |                         |
|---|---|-------------------------|
| CUSTOMER NAME & ADDRESS:<br>_____<br>_____<br>_____<br>TEL. _____ | CAR DEALER NAME & ADDRESS:<br>_____<br>_____<br>_____<br>TEL. _____ | CAR<br>DEALER'S<br>SEAL |
|---|---|-------------------------|

Customer's Signature

Dealer's Signature

This card is valid only if it is filled in and stamped by our authorised dealer on the date of purchase.

### CUSTOMER'S COPY

VEHICLE REGISTRATION No: \_\_\_\_\_

DATE OF PURCHASE: \_\_\_\_\_

RADIO UNIT Sr. No.: \_\_\_\_\_

|   |   |                         |
|---|---|-------------------------|
| CUSTOMER NAME & ADDRESS:<br><br>_____<br><br>_____<br><br>_____<br><br>TEL. _____ | CAR DEALER NAME & ADDRESS:<br><br>_____<br><br>_____<br><br>_____<br><br>TEL. _____ | CAR<br>DEALER'S<br>SEAL |
|---|---|-------------------------|

Customer's Signature

Dealer's Signature

This card is valid only if it is filled in and stamped by our authorised dealer on the date of purchase.

**For any further information, please contact.**

**Customer Care Centre: Toll free number: 1-800-425-2528 (for BSNL/MTNL callers)**

**For callers using mobile: 080-22293001 (from 9 am to 5 pm)**

**Monday to Friday**

## Authorised Service Centers:

| SERVICE DEALER     | CITY         | CONTACT   | PHONE        | MOBILE     |
|--------------------|--------------|-----------|--------------|------------|
| Asthaa Marketing   | Ahmedabad    | Naveen    | 079-6858975  | 9825037377 |
| Sound Reflex       | Anand        | Bharath   | 02692-256868 | 9825160605 |
| Mandovi            | Bangalore    | Shashi    | 080-22233763 | 9845473044 |
| Sunil Distributor  | Bhopal       | Anil      | 0755-4270228 | 9827069388 |
| Mickey Electronics | Bhubaneshwar | Dilip     | 0674-6535012 | 9437032813 |
| MD Electronics     | Calicut      | Babu      | 0495-2770007 | 9447276820 |
| Mount Electronics  | Chennai      | Suresh    | 044-28410965 | 9840059917 |
| Classic Auto       | Coimbatore   | Kannan    | 0422-2231569 | 9843433338 |
| Angad Agencies     | Dehradun     | Arivinder | 0135-2746999 | 9837000313 |
| AS Electronics     | Ernakulam    | Salath    | 0484-2805601 | 9847084286 |
| Sai Kirpa          | Gaziabad     | Harish    | 0120-4165682 | 9810496690 |
| Elegant            | Gurgaon      | Bobby     | 0124-6521746 | 9811006770 |
| Blue Strings       | Indore       | Abha      | 0731-3266898 | 9302101961 |
| Today Electronics  | Jaipur       | Vipin     | 0141-2361275 | 9828017772 |
| Voice and Vision   | Kanpur       | Awasthi   | 0512-2549793 | 9839809644 |
| Engineer Syndicate | Kolkatta     | Sujjan    | 9830333536   | 9830777410 |
| Audiovideo         | Kollam       | Gerald    | 0474-2748192 | 9846104001 |
| Electro Electrics  | Kottayam     | Babu      | 0481-2571447 | 9349501091 |
| Madhav Enterprises | Lucknow      | Pal       | 0522-2206267 | 9839809644 |
| Reliable Service   | Ludhiana     | Gurmeet   | 0161-4640438 | 9872400438 |
| Autosonics         | Mumbai       | Renu      | 022-26406726 | 9930310905 |
| Jaika Automobiles  | Nagpur       | Rishikesh | 0712-2546741 | 9822228287 |
| LMC Enterprises    | New Delhi    | Sudhir    | 011-41726977 | 9811528785 |
| Vishwakarma Sounds | Patna        | Pradeep   | 9934035353   | 9234887043 |
| Ekco Electronic    | Pune         | Suhas     | 020-25436127 | 9822496733 |
| Ambika Services    | Rajkot       | Bala      | 0281-2465615 | 9998141494 |
| Ambika Auto        | Secunderabad | Ashok     | 040-27893942 | 9246522002 |

| SERVICE DEALER     | CITY           | CONTACT | PHONE        | MOBILE     |
|--------------------|----------------|---------|--------------|------------|
| Royal Sales        | Surat          | Rakesh  | 0261-3225634 | 9898578787 |
| Rounak Electricals | Vadodra        | Jayesh  | 0265-2336233 | 9898401902 |
| Ganga Marketing    | Vishakhapatnam | Murthy  | 0091-2505805 | 9849004688 |

© 2008 All rights reserved by Blaupunkt. This material may be reproduced, copied or distributed for personal use only. This product is protected by certain intellectual property rights of Blaupunkt. Use or distribution of such technology outside of this product is prohibited without a license from Blaupunkt.

Bosch Limited (Blaupunkt),  
P.B. No. 3000, Hosur Road, Adugodi, Bangalore 560 030.  
Visit us at : [www.blaupunkt.com](http://www.blaupunkt.com)  
Write to us at : [blaupunkt@in.bosch.com](mailto:blaupunkt@in.bosch.com)  
Toll Free No.: 1-800-425-2528 (for BSNL/MTNL callers)  
For callers using mobile: 080-22293001 (from 9 am - 5 pm)  
Monday to Friday

Blaupunkt GmbH,  
Robert-Bosch-Straße 200, D-31139 Hildesheim







