Contents

R 4.0 IntelliLink ....................... 5
R300 BT .................................. 47
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>6</td>
</tr>
<tr>
<td>Basic operation</td>
<td>14</td>
</tr>
<tr>
<td>Radio</td>
<td>20</td>
</tr>
<tr>
<td>External devices</td>
<td>26</td>
</tr>
<tr>
<td>Speech recognition</td>
<td>33</td>
</tr>
<tr>
<td>Phone</td>
<td>34</td>
</tr>
<tr>
<td>Index</td>
<td>44</td>
</tr>
</tbody>
</table>
General information
The Infotainment system provides you with state-of-the-art in-car infotainment.
Using radio tuner functions, you may register up to 25 stations on five favourites pages.
You can connect external data storage devices, e.g. iPod, USB devices, or other auxiliary devices to the Infotainment system as further audio sources; either via cable or via Bluetooth.
In addition, the Infotainment system is equipped with a phone portal that allows for comfortable and safe use of your mobile phone in the vehicle.
Using the phone projection function, you can operate specific applications on your smartphone via the Infotainment system.
Optionally, the Infotainment system can be operated using the touch screen and buttons on the control panel, the controls on the steering wheel, or - if provided by your mobile phone - via speech recognition.

The well-thought-out design of the control elements, the touch screen and the clear displays enable you to control the system easily and intuitively.

Note
This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

Important information on operation and traffic safety

⚠️ Warning
The Infotainment system must be used so that the vehicle can be driven safely at all times. If in doubt, stop the vehicle and operate the Infotainment system while the vehicle is stationary.
Radio reception

Radio reception may be disrupted by static, noise, distortion or loss of reception due to:

- changes in distance from the transmitter
- multipath reception due to reflection
- shadowing

Theft-deterrent feature

The Infotainment system is equipped with an electronic security system for the purpose of theft deterrence.

The Infotainment system therefore functions only in your vehicle and is worthless to a thief.
Introduction

Control elements overview

Control panel
1. Display / Touch screen ........ 14
2. Home menu ....................... 14
   Screen buttons for access to:
   - **AUDIO**: audio functions
   - **GALLERY**: picture and movie functions
   - **PHONE**: mobile phone functions
   - **PROJECTION**: phone projection
   - **SETTINGS**: system settings
   - **OnStar**: OnStar Wi-Fi settings ........ 11
3. Time, date and temperature indicators ........ 18
4.  ⏯️
   Short press: switch on Infotainment system if turned off .................. 11
   or mute system if turned on . 11
   Long press: switch off Infotainment system .................. 11
   Turn: adjust volume ............. 11
5.  ⏯️
   Short press: skip to next station when radio active ...... 20
   or skip to next track when external devices active ......... 28
   Long press: seek up when radio active .................. 20
   or fast forward when external devices active ......... 28
6.  ⏯️
   Short press: skip to previous station when radio active ...... 20
   or skip to previous track when external devices active ......... 28
   Long press: seek down when radio active .................. 20
   or fast rewind when external devices active ......... 28
8.  ⏯️
   Short press: open Home menu ..................................... 11
   Long press: open phone projection function (if activated) .................. 32
**Steering wheel audio controls**

1. **Short press:**
   - Take phone call ........................................ 34
   - Dial last number in call list when phone menu displayed .................. 38
   - Switch between calls when calls are waiting ................................. 38

2. **Long press:**
   - Activate speech recognition ..................................................... 33

3. **Press:**
   - +
     - Increase volume......................................................................
   - -
     - Reduce volume........................................................................

4. **Press:**
   - End/decline call ........................................................................ 38
   - Deactivate speech recognition ....................................................... 33
   - Activate/deactivate mute function ................................................. 11

5. **Press:**
   - Select next/previous preset radio station when radio active .......... 20
   - Select next/previous track/chapter/picture when external devices active ................................................................. 28
   - Select next/previous entry in call list when phone portal active and call list open .......................................................... 38
   - Turn upwards/downwards and hold: scroll quickly through the entries in the call list ......................................................... 38
Usage

Control elements
The Infotainment system is operated via function buttons, a touch screen and menus that are shown on the display.

Inputs are made optionally via:
- the central control unit in the control panel
- the touch screen
- audio controls on the steering wheel
- the speech recognition

Switching the Infotainment system on or off
Press . After switching on, the last selected Infotainment source becomes active.

Automatic switch-off
If the Infotainment system has been switched on pressing while the ignition is switched off, it will switch off again automatically 10 minutes after the last user input.

Setting the volume
Turn . The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that it is lower than the maximum start-up volume. For a detailed description .

Speed compensated volume
When the speed compensated volume is activated, the volume is adapted automatically to make up for the road and wind noise as you drive.

Mute
Press to mute the Infotainment system.

To cancel the mute function: press again. The last selected volume is set again.

Modes of operation
Press to display the Home menu.

Note
For a detailed description of menu operation via touch screen .

AUDIO
Select AUDIO to open the main menu of the last selected audio mode.

Select Source on the screen to display the interaction selector bar.
To change to another audio mode: touch one of the items in the interaction selector bar. For a detailed description of:
- Radio functions 20
- External devices (USB, AUX, Bluetooth) 28

Note
To easily return to the audio screen currently active, touch A in the top line of any screen.

GALLERY
Select GALLERY to open the picture and movie menu for files stored on an external device, e.g. USB stick or smartphone. Select 1 or 2 to display the picture or movie menu. Select the desired picture or movie file to show the respective item on the display.

For a detailed description of:
- Picture functions 29
- Movie functions 31

PHONE
Before the phone portal can be used, a connection has to be established between the Infotainment system and the mobile phone. For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone 34.

If the mobile phone is connected, select PHONE to display the main menu of the phone portal.

For a detailed description of mobile phone operation via the Infotainment system 38.
PROJECTION
To show specific apps of your smartphone display on the Infotainment system, connect your smartphone.
Select PROJECTION to start the projection function.
Depending on the smartphone connected, a main menu with different selectable apps is displayed.
For a detailed description \(\text{32}\).

SETTINGS
Select SETTINGS to open a menu for various system related settings, e.g. deactivating Audible Touch Feedback.

OnStar
To display a menu with the OnStar Wi-Fi settings, select OnStar.
For a detailed description, see Owner's Manual.
Basic operation

The display of the Infotainment system has a touch-sensitive surface that allows direct interaction with the displayed menu controls.

**Caution**

Do not use pointed or hard items like ballpoint pens, pencils or similar for touch screen operation.

**.screen button**

When operating the menus, press  in the respective submenu to return to the next higher menu level.

When no  screen button is displayed, you are on the top level of the respective menu. Press  to display the Home screen.

**Selecting or activating a screen button or menu item**

Touch a screen button or menu item. The corresponding system function is activated, a message is shown, or a submenu with further options is displayed.
Moving items on the home menu

Touch and hold the element you wish to move until red boxes appear around the icons. Move your finger to the desired location and release the element.

To scroll through a list of menu items, you may optionally:

- Place your finger anywhere on the screen and move it upwards or downwards.

Note
Constant pressure must be applied and the finger must be moved at constant speed.

All other items are rearranged.

Press one of the buttons on the control panel to exit edit mode.

Note
Edit mode exits automatically after 30 seconds of inactivity.

Scrolling lists

To scroll through a list of menu items, you may optionally:

- Touch ▼ or ▲ at the top and at the bottom of the scroll bar.
- Move the slider of the scroll bar up and down with your finger.

To return to the top of the list, touch the list title.

Note
In subsequent chapters, the operating steps for scrolling to a list item via the touch screen will be described as "...scroll to <item name>".

If there are more items available than presentable on the screen, the list must be scrolled.

Note
Constant pressure must be applied and the finger must be moved at constant speed.

All other items are rearranged.

Press one of the buttons on the control panel to exit edit mode.

Note
Edit mode exits automatically after 30 seconds of inactivity.
16 Basic operation

Scrolling pages

Note
Pages are only scrollable if there is more than one page available.

To scroll from one page to another:
- Place your finger anywhere on the screen and move it left to scroll to the next page or right to scroll to the previous page.

Note
Constant pressure must be applied and the finger must be moved at constant speed.
- Touch > or < on the screen.

Note
In subsequent chapters, the operating steps for scrolling pages via the touch screen will be described as "...scroll to...page...".

Tone settings

In the tone settings menu, the tone characteristics can be set. The menu may be accessed from each audio main menu.

To open the tone settings menu, select Menu in the bottom line of the respective audio main menu. If necessary, scroll through the list of menu items and select Tone Settings. The respective menu is displayed.

Equaliser mode

Use this setting to optimise the tone for the style of music, e.g. Rock or Classical.

Select the desired sound style in the interaction selector bar at the bottom of the screen. If you choose Custom, you can manually adjust the following settings.

Bass
Use this setting to enhance or attenuate the deep frequencies of the audio sources.
Touch + or - to adjust the setting.
Midrange
Use this setting to enhance or attenuate the midrange frequencies of the audio source.
Touch + or - to adjust the setting.

Treble
Use this setting to enhance or attenuate the high frequencies of the audio sources.
Touch + or - to adjust the setting.

Setting balance and fader
Use the illustration at the right side of the menu to adjust balance and fader.
To define the point in the passenger compartment where the sound is at its highest level, touch the corresponding point in the illustration. Alternatively, you can move the red marker to the desired point.

Note
The balance and fader settings are valid for all audio sources. They cannot be adjusted individually for each audio source.

Volume settings

Adjusting the maximum startup volume
Press 🎧 and then select Settings.
Select Radio, scroll through the list and then select Max Startup Volume.
Touch + or - to adjust the setting.

Adjusting the speed compensated volume
Press 🎧 and then select Settings.
Select Radio, scroll through the list and then select Auto Volume.
To adjust the degree of volume adaptation, select one of the options in the list.
Off: no enhancement of volume with increasing vehicle speed.
High: maximum enhancement of volume with increasing vehicle speed.

Activating or deactivating the audible touch feedback function
If the audible touch feedback function is activated, each touch of a screen button or menu item is indicated by a beeping sound.
Press 🎧 and then select Settings.
Select Radio and then scroll through the list to Audible Touch Feedback.
Touch the screen button next to Audible Touch Feedback to activate or deactivate the function.
Basic operation

Volume of traffic announcements
To adjust the volume of traffic announcements, set the desired volume while a traffic announcement is given out by the system. The respective setting is then stored by the system.

System settings
The following settings concern the whole system. All other settings are described by theme in the respective chapters of this manual.

Time and date settings
Press \( \text{Δ} \) and then select Settings. Select Time and Date to display the respective submenu.

Set Time Format
To select the desired time format, touch the screen buttons 12 h or 24 h.

Set Date Format
To select the desired date format, select Set Date Format and choose between the available options in the submenu.

Auto Set
To choose whether time and date are to be set automatically or manually, select Auto Set.
For time and date to be set automatically, select On - RDS.

For time and date to be set manually, select Off - Manual. If Auto Set is set to Off - Manual, the submenu items Set Time and Set Date become available.

Set time and date
To adjust the time and date settings, select Set Time or Set Date.
Touch + and - to adjust the settings.

Language settings
Press \( \text{Δ} \) and then select Settings. Select Language to display the respective menu.
To adjust the language for the menu texts: touch the desired language.

Text scroll function
If long text is displayed on the screen e.g. song titles or station names, the text may either be scrolled continually or it may be scrolled once and displayed in truncated form.
Press \( \text{Δ} \) and then select Settings. Select Radio.
If you wish the text to be scrolled continually, activate Text Scroll. If you wish the text to be scrolled in blocks, deactivate the setting.

Black display function
If you do not want to see the illuminated display, e.g. during night time, you can turn the display off. Press \( \text{Menu} \) and then select Settings. Scroll through the list and select Turn Display Off. The display is turned off; the audio functions remain active.

Factory defaults
Press \( \text{Menu} \) and then select Settings.

Scroll through the list and select Return to Factory Settings. To restore all vehicle personalisation settings, select Restore Vehicle Settings.
To delete the paired Bluetooth devices, the contacts list and the voice mail numbers stored, select Clear All Private Data.
To reset tone and volume settings, delete all favourites, and erase the ringtone selection, select Restore Radio Settings.
In each case, a warning message is displayed. Select Continue to reset the settings.

System version
Press \( \text{Menu} \) and then select Settings. Scroll through the list and select Software Information.
If a USB device is connected, you may save the vehicle information to this USB device.
Select System Update and then Save Vehicle Info to USB.

For a system update, contact your workshop.

Vehicle settings
Vehicle settings are described in the Owner's Manual.
Radio

Usage .......................................... 20
Station search .............................. 20
Favourite lists .............................. 22
Radio data system (RDS) ............ 23
Digital audio broadcasting .......... 24

Usage

Activating radio
Press 🎧 and then select AUDIO. The audio main menu last selected is displayed.
Select Source in the bottom line of the active radio main menu to open the interaction selector bar.

Station search

Automatic station search
Briefly press or touch ⬅️ or ➔ on the control panel or on the screen to play the previous or next station in the station memory.

Manual station search
Press and hold ⬅️ or ➔ on the control panel. Release when the required frequency has almost been reached.
A search is made for the next station that can be received and it is played automatically.
**Radio**

**Note**
FM waveband: when the RDS function is activated, only RDS stations are searched for, and when the radio traffic service (TP) is activated, only traffic service stations are searched for.

**Station tuning**
Touch on the screen. The Direct tune display is shown.

Enter the desired frequency. Use to delete digits entered. If necessary, touch or to subsequently adjust the input.
Confirm the input to play the station.

**Station lists**
Select Menu in the bottom line of the active radio main menu to open the corresponding waveband-specific submenu.

Select the waveband-specific Station List. All receivable stations of the relevant waveband and in the current reception area are displayed.
Select the desired station.

**Note**
The currently received radio station is indicated by the symbol next to the station name.

**Category lists**
Numerous radio stations broadcast a PTY code, which specifies the type of programme transmitted (e.g. news). Some stations also change the PTY code depending on the content which is currently transmitted.
The Infotainment system stores these stations, sorted by programme type in the corresponding category list.

**Note**
The Categories list item is only available for the FM and the DAB wavebands.

To search for a programme type determined by the stations, select Categories.
A list of programme types currently available is displayed.
Select the desired programme type. A list of stations is displayed transmitting a programme of the selected type.
Select the desired station.
Radio

Note
The currently received radio station is indicated by the ► symbol next to the station name.

Update station lists
If the stations stored in a waveband-specific station list can no longer be received, select Menu in the bottom line of the active radio main menu and then select the respective menu item to update the station list, e.g. Update Station List.

Note
If a waveband-specific station list is updated, the corresponding category list is also updated.

A station search is started and a corresponding message is displayed. Once the search is finished, the respective station list is displayed.

Note
The currently received radio station is indicated by the ► symbol next to the station name.

Favourite lists
Stations of all wavebands can be stored manually in the favourite lists.

Five favourite lists are available, in each of which 5 stations may be stored.

Note
The currently received station is highlighted.

Storing a station
If required, touch < or > to scroll through the favourite pages.

To store the currently active radio station to a preset screen button: touch and hold the desired screen button for a few seconds. The corresponding frequency or station name is displayed on the screen button.

Retrieving stations
If required, touch < or > to scroll to the desired favourite page.
Select the preset screen button on which the desired radio station is stored.

Defining the number of available favourites pages
To define the number of favourites pages displayed for selection, press HOME and then select SETTINGS on the screen.
Select Radio and then Manage Favourites to display the respective submenu.
Depending on which favourites pages you want to be displayed, activate or deactivate the pages.
Radio data system (RDS)

RDS is a service of FM stations that considerably facilitates the finding of the desired station and its fault-free reception.

Advantages of RDS

- On the display, the programme name of the station appears instead of its frequency.
- During a station search, the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes into the best receivable broadcasting frequency of the set station by means of AF (alternative frequency).
- Depending on the station that is received, the Infotainment system displays radio text that can contain e.g. information on the current programme.

RDS configuration

Touch Menu in the bottom line of the FM radio main menu to open the corresponding waveband-specific submenu.

Scroll to RDS.

Activate or deactivate RDS.

Traffic Programme

Radio traffic service stations are RDS stations that broadcast traffic news. If the traffic service is switched on, the current audio source is interrupted for the duration of the traffic announcement.

Activating the traffic programme function

Select Menu in the bottom line of the FM radio main menu to open the corresponding waveband-specific submenu.

Touch the screen button next to Traffic Programme to activate or deactivate the function.

Note

In the station list, TP is displayed next to the stations providing a traffic programme.

If the radio traffic service is activated, [TP] is shown in the top line of all main menus. If the current station is not a radio traffic service station, TP is greyed-out and a search is started automatically for the next radio traffic service station. As soon as a radio traffic service station is found, TP is highlighted. If no radio traffic service station is found, TP remains greyed-out.

If a traffic announcement is broadcasted on the respective station, a message is displayed.

To interrupt the announcement and return to the function previously activated, touch the screen or press ⏹️.

Regionalisation

Sometimes RDS stations broadcast regionally different programmes on different frequencies.
Select **Menu** in the bottom line of the FM radio main menu to open the corresponding waveband-specific submenu and scroll to **Region**.

Activate or deactivate **Region**.

If regionalisation is activated, alternative frequencies with the same regional programmes are selected where necessary. If regionalisation is switched off, alternative frequencies of the stations are selected without regard to regional programmes.

**Digital audio broadcasting**

DAB broadcasts radio stations digitally.

DAB stations are indicated by the programme name instead of the broadcasting frequency.

**General information**

- With DAB, several radio programmes (services) can be broadcasted on a single ensemble.
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises.

If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This incident can be avoided by activating **DAB-DAB Linking** and/or **DAB-FM Linking** in the DAB menu (see below).
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the FM stations with the best reception. If TP $\diamond$ 23 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

**DAB Announcements**

Besides their music programmes, a lot of DAB stations also broadcast announcements of various categories. If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.

Select **Menu** in the bottom line of the DAB radio main menu to open the corresponding waveband-specific submenu.
Scroll through the list and select **DAB Announcements** to display a list of the categories available.

Activate all or just the desired announcement categories. Different announcement categories can be selected at the same time.

**DAB-DAB Linking**

If this function is activated, the device switches over to the same service (programme) on another DAB ensemble (if available) when the DAB signal is too weak to be picked up by the receiver.

Select **Menu** in the bottom line of the DAB radio main menu to open the corresponding waveband-specific submenu.

Scroll through the list and activate or deactivate **DAB-DAB Linking**.

**DAB-FM Linking**

If this function is activated, the device switches over to a corresponding FM station of the active DAB service (if available) when the DAB signal is too weak to be picked up by the receiver.

Scroll through the list and activate or deactivate **DAB-FM Linking**.

**L Band**

With this function, you may define which DAB wavebands are to be received by the Infotainment system.

L Band (earth and satellite radio) is another radio band that can be received additionally.

Select **Menu** in the bottom line of the DAB radio main menu to open the corresponding waveband-specific submenu.

Scroll through the list and activate or deactivate **L Band**.

**Intellitext**

The **Intellitext** function allows the reception of additional information such as financial information, sports, news etc.

**Note**

The content available depends on the station and region.

Select **Menu** in the bottom line of the DAB radio main menu to open the corresponding waveband-specific submenu.

Scroll through the list and select **Intellitext**.

Select one of the categories and choose a specific item to display detailed information.

**EPG**

The Electronic Programme Guide provides information on the current and upcoming programme of the respective DAB station.

Select **Menu** in the bottom line of the DAB radio main menu and then select **Station List**.

To display the programme of the desired station, touch the icon next to the station.
General information
An AUX and USB socket for the connection of external devices is located in the centre console.

Note
The sockets must always be kept clean and dry.

AUX input
It is possible to connect e.g. an iPod or another auxiliary device with a 3.5 mm jack plug to the AUX input.
When connected to the AUX input, the audio signal of the auxiliary device is transmitted via the speakers of the Infotainment system.
The volume and the tone settings can be adjusted via the Infotainment system. All other control functions must be operated via the auxiliary device.

Connecting a device
To connect the auxiliary device to the AUX input socket of the Infotainment system, use a 3-pole connector for audio and a 4-pole connector for movie sources.

USB port
An MP3 player, USB drive, SD card (via USB connector/adapter), iPod or smartphone can be connected to the USB port.
The Infotainment system can play audio files, show picture files or play movie files contained in USB storage devices.
When connected to the USB port, various functions of the devices mentioned above can be operated via the controls and menus of the Infotainment system.

Note
Not all MP3 players, USB drives, iPod models or smartphones are supported by the Infotainment system. Check the compatibility list on our website.
Connecting/disconnecting a device
Connect one of the devices mentioned above to the USB port. If required, use the appropriate connection cable. The music function starts automatically.

Note
If a non-readable USB device or iPod is connected, a corresponding error message appears and the Infotainment system automatically switches to the previous function.

To disconnect the USB device or iPod, select another function and then remove the USB storage device.

Caution
Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.

USB Auto Launch
By default, the USB audio menu is displayed automatically as soon as a USB device is connected.

If desired, this function can be deactivated.

Press 🌐 and then select Settings to open the settings menu.
Select Radio, scroll to USB Auto Launch and touch the screen button next to the function.
To reactivate the function, touch the screen button again.

Bluetooth
Bluetooth enabled audio sources (e.g. music mobile phones, MP3 players featuring Bluetooth, etc.), which support the Bluetooth music profiles A2DP and AVRCP can be connected wirelessly to the Infotainment system.

The Infotainment system can play music files contained in Bluetooth devices e.g. smartphones or iPod/iPhone products.

Connecting a device
For a detailed description on how to establish a Bluetooth connection ✔ 35.

File formats and folders
This product can support USB storage device with a storage capacity of 5000 files (music, photo and video), and 15 stages of folder structure. Normal usage cannot be guaranteed for storage devices that exceed this limit. The iPod/iPhone can play all music files supported. But the music file lists are displayed up to 5000 files on the screen in alphabetical order.

Note
Some files may not be played properly. This may be due to a different recording format or the condition of the file.

Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

The Infotainment system can play the following audio, picture and movie files stored on external devices.

Audio files
MP3 (MPEG-1 Layer 3, MPEG-2 Layer 3)
External devices

Constant Bit Rate (CBR) between 8 and 320 kbps
Variable Bit Rate (VBR)
Sampling frequencies of 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, and 48 kHz.

Windows Media Audio
Windows Media Audio 10
CBR between 32 and 768 kbps
VBR (Standard), Professional, Lossless, or higher according to Microsoft specifications
Sampling frequencies of 8, 12, 16, 22, 32, 44.1, and 48 kHz
AAC (MPEG-4 AAC, Low Complexity Profile) and AAC+
CBR between 8 and 320 kbps.
OGG Vorbis
Waveform (WAV – PCM Windows format)
Audio Interchange File Format (AIFF)
3GPP (Generally used for mobile devices)
Audio Books (MP3, WMA, AAC, AA)

Picture files
Only the following file extensions are supported: ‘*.jpg’, ‘*.bmp’, ‘*.png’, ‘*.gif’ (Animated GIF is not supported.) Some files may not operate due to a different format or the condition of file.

Movie files
The playable movie file formats are AVI and MP4.
The maximum resolution is 1280 x 720 pixels. The frame rate must be less than 30 fps.
The usable codec is H.264/MPEG-4 AVC.
The playable audio formats are MP3, AC3, AAC and WMA.
The displayable subtitle format is SMI.

Playing audio
Activating the music function
If the device is not yet connected to the Infotainment system, connect the device. Usually, the respective audio main menu is displayed automatically.
If playback is not started automatically e.g. if USB Auto Launch is deactivated, take the following steps:
Press and then select AUDIO to open the audio main menu last selected.
Select Source in the interaction selector bar and then select the desired audio source to open the respective audio main menu.
Playback of the audio tracks starts automatically.
Function buttons

Note
During AUX playback, the function buttons are not available.

Interrupting and resuming playback
Touch \( \text{II} \) to interrupt playback. The screen button changes to \( \text{▶} \).
Touch \( \text{▶} \) to resume playback.

Playing the next or previous track
Touch \( \text{▶▶} \) to play the next track.
Touch \( \text{◀◀} \) within the first 2 seconds of the track playing to return to the previous track.

Returning to the beginning of the current track
Touch \( \text{◀◀} \) after 2 seconds of the track playing.

Fast forwarding and rewinding
Touch and hold \( \text{◀◀} \) or \( \text{▶▶} \). Release to return to normal playback mode.
Alternatively, you can move the slider showing the current track position to the left or right.

Playing tracks randomly
Touch \( \text{-random} \) to play the tracks in random order. The screen button changes to \( \text{-random} \).
Touch \( \text{-random} \) again to deactivate the shuffle function and go back to the normal playback mode.

Browse Music function

Note
The browse function is not available for AUX sources and, depending on the device, it may only be partially available for Bluetooth sources.

To display the browse screen, touch the screen. Alternatively, select Menu in the bottom line of the audio main screen to display the respective audio menu and then select Browse Music.
Different categories, in which the tracks are sorted, are displayed, e.g. Playlists, Artists, or Albums.

Select the desired category, subcategory (if available) and then choose a track.
Select the track to start playback.

Displaying pictures
You can view pictures from a USB device connected to the USB port.

Note
For your safety, some features are disabled while driving.

Activating the picture function
If the device is not yet connected to the Infotainment system, connect the device \( \Rightarrow \) 26.
Press 🔍 and then select GALLERY to open the media main menu. Touch 📀 to open the picture main menu to display a list of items stored on the USB device. Select the desired picture.

Touch the screen to hide the menu bar. Touch the screen again to redisplay the menu bar.

Function buttons

Full screen mode
Select 📷 to display the picture in full screen mode. Touch the screen to exit full screen mode.

Viewing the next or previous picture
Touch › or swipe to the left to view the next picture. Touch ◀ or swipe to the right to view the previous picture.

Rotating a picture
Select ⦵ to rotate the picture.

Zoom in on a picture
Touch 🡄 once or several times to zoom in on a picture or to return to its original size.

Viewing a slide show
Select 📸 to view the pictures stored on the USB device in a slide show. Touch the screen to end the slide show.

Picture menu
Select Menu in the bottom line of the screen to display the Picture Menu.

Slide show time
Select Slide Show Time to display a list of possible time sequences. Activate the desired time sequence in which one picture is intended to be displayed in a slide show.

Clock and temperature display
If you want the time and temperature to be displayed in full screen mode, activate Clock. Temp. Display.

Display settings
Select Display Settings to open a submenu for the adjustment of brightness and contrast. Touch + or - to adjust the settings.
Playing movies
You can view movies from a USB device connected to the USB port.

Note
For your safety, the movie function is not available while driving.

Activating the movie function
If the device is not yet connected to the Infotainment system, connect the device 26.
Press ‹ and then select GALLERY to open the media main menu.
Touch ❚ to open the movie main menu and then select the desired folder and/or movie.
The movie is shown.

Function buttons

Full screen
Select ❚ to display the movie in full screen mode. Touch the screen to exit full screen mode.

Interrupting and resuming playback
Touch ‼ to interrupt playback. The screen button changes to ▶.
Touch ▶ to resume playback.

Playing the next or previous track
Touch ▶ to play the next movie file.
Touch ❚ within the first 5 seconds of the movie playing to return to the previous movie file.

Returning to the beginning of the current movie
Touch ▼ after 5 seconds of the movie playing.

Fast forwarding and rewinding
Touch and hold ‼ or ▶. Release to return to normal playback mode.

Movie menu
Select Menu in the bottom line of the screen to display the Movie Menu.

Clock and temperature display
If you want the time and temperature to be displayed in full screen mode, activate Clock. Temp. Display.
Display settings
Select Display Settings to open a submenu for adjustment of brightness and contrast.
Touch + and - to adjust the settings.

Using smartphone applications
The phone projection applications Apple CarPlay and Android Auto display selected apps from your smartphone on the Infotainment screen and allow their operation directly via the Infotainment controls.
Check with the device's manufacturer if this function is compatible with your smartphone and if this application is available in the country you live in.

Preparing the smartphone
Android phone: Download the Android Auto app to your smartphone from the Google Play store.
iPhone: Make sure SIRI is activated on your smartphone.

Activating phone projection in the settings menu
Press ⌘ to display the Home screen and then select SETTINGS.
Scroll through the list to Apple CarPlay or Android Auto.
Make sure the respective application is activated.

Connecting the mobile phone
Connect the smartphone to the USB port 26.

Starting phone projection
To start the phone projection function, press ⌘ and then select PROJECTION.

Note
If the application is recognised by the Infotainment system, the application icon may change to Apple CarPlay or Android Auto.
To start the function, you can alternatively press and hold ⌘ for a few seconds.

Returning to the Infotainment screen
Press ⌘.
Speech recognition

General information
The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer’s user guide to find out whether your smartphone supports this feature.

In order to use the voice pass-thru application, the smartphone must be connected to the Infotainment system via USB cable or via Bluetooth.

Usage
Activating speech recognition
Press and hold on the control panel or on the steering wheel to start a speech recognition session. A voice command message is displayed on the screen.

As soon as a beep is heard, you can say a command. For information on the commands supported, see the operating instructions for your smartphone.

Adjusting the volume of voice prompts
Turn on the control panel or press + / - on the right side of the steering wheel to increase or decrease the volume of voice prompts.

Deactivating speech recognition
Press on the steering wheel. The voice command message disappears and the speech recognition session is ended.
General information

The phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the phone portal, the mobile phone must be connected to the Infotainment system via Bluetooth.

Not all phone functions are supported by every mobile phone. The usable phone functions depend on the relevant mobile phone and network provider. You can find further information on this in the operating instructions for your mobile phone, or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠️ Warning

Mobile phones have effects on your environment. For this reason safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠️ Warning

Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow the stipulations of the country in which you find yourself at present.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if
interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth
The phone portal is certified by the Bluetooth Special Interest Group (SIG).
You can find further information about the specification on the Internet at http://www.bluetooth.com

Bluetooth connection
Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, smartphones, iPod/iPhone models, or other devices.
Via the Bluetooth menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out.

Bluetooth menu
Press 📞 and then select SETTINGS.

Select Bluetooth to display the Bluetooth menu.

Pairing a device

Important information
- Up to ten devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing normally only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system establishes the connection automatically.
- Bluetooth operation considerably drains the device’s battery. Therefore, connect the device to the USB port for charging.

Pairing a new device
1. Activate the Bluetooth function of the Bluetooth device. For further information, see the user guide of the Bluetooth device.
2. Press 📞 and then select SETTINGS on the Info-Display.
Select Bluetooth and then Device Management to display the respective menu.
If no phone is connected, the Device Management menu can also be accessed via the phone menu: Press 📞 and then select PHONE.

3. Touch Search Device. All discoverable Bluetooth devices in the environment are displayed in a new search list.

4. Touch the Bluetooth device you wish to pair.

5. Confirm the pairing procedure:
   - If SSP (secure simple pairing) is supported:
     - On the Infotainment system: an Info message is displayed asking you to enter a PIN code on your Bluetooth device.
     - On the Bluetooth device: enter the PIN code and confirm your input.

6. The Infotainment system and the device are paired.

   Note
   If the Bluetooth device is successfully paired, ✅ next to the Bluetooth device indicates that the phone function is enabled and ❌ indicates that the Bluetooth music function is enabled.

7. The phone book is downloaded automatically to the Infotainment system. Depending on the phone, the Infotainment system has to be allowed access to the phone book. If required, confirm the messages displayed on the Bluetooth device.

   If this function is not supported by the Bluetooth device, a corresponding message is displayed.

Changing the Bluetooth PIN code
Press 📞 and then select SETTINGS. Select Bluetooth and then Change Pairing PIN to display the respective submenu. A keypad is displayed.

Enter the desired four-digit PIN code.

To delete an entered number, select ⇪.

Confirm your input by selecting Enter.

Connecting a paired device
Press 📞 and then select SETTINGS. Select Bluetooth and then Device Management to display the respective menu.

Select the Bluetooth device you wish to connect. The device is connected.

   Note
   The connected device and the available options are highlighted.
Phone 37

Disconnecting a device
Press 📞 and then select SETTINGS. Select Bluetooth and then Device Management to display the respective menu. Select the Bluetooth device currently connected. You are prompted with a message. Select Yes to disconnect the device.

Deleting a device
Press 📞 and then select SETTINGS. Select Bluetooth and then Device Management to display the respective menu. Select ☑ next to the Bluetooth device. You are prompted with a message. Select Yes to delete the device.

Device info
Press 📞 and then select SETTINGS. Select Bluetooth and then Device Information to display the respective menu.

The information displayed includes Device Name, Address, and PIN Code.

Emergency call

⚠️ Warning
Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned. In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

⚠️ Warning
Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with a sufficiently strong signal. Under certain circumstances emergency calls cannot be made on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators. The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.

Making an emergency call
Dial the emergency call number (e.g. 112). The telephone connection to the emergency call centre is set up. Answer when the service personnel questions you about the emergency.

⚠️ Warning
Do not end the call until you are requested to do so by the emergency call centre.
Operation
As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can operate many functions of your mobile phone via the Infotainment system.

Note
In the hands-free mode, mobile phone operation continues to be possible, e.g. taking a call or adjusting the volume.

After the setup of a connection between the mobile phone and the Infotainment system, mobile phone data is transmitted to the Infotainment system. This can take some time depending on the mobile phone and the amount of data to be transferred. During this period, operation of the mobile phone via the Infotainment system is possible only to a limited extent.

Phone main menu
Press 📞 and then select PHONE to display the respective menu.

Note
Not every mobile phone supports all functions of the phone portal. Therefore, deviations from the range of functions described below are possible.

Initiating a phone call
Entering a phone number
Press 📞 and then select PHONE.

Enter a telephone number using the keypad in the phone main menu.

To delete one or more entered characters, touch or touch and hold ⇦.

Touch ⏯ on the screen or press 🅰️ ⏯ on the steering wheel to start dialling.

Using the phone book
Note
When pairing a mobile phone with the Infotainment system via Bluetooth, the phone book of the mobile phone is downloaded automatically 35.

Press 📞 and then select PHONE.

Many functions of the mobile phone can now be controlled via the phone main menu (and associated submenus), and via the phone-specific controls on the steering wheel.
Select **Contacts** in the phone main menu.

### Quick search

1. Select 📞 to display a list of all contacts.
2. Scroll through the list of contacts entries.
3. Touch the contact you wish to call. A menu with all phone numbers stored for the selected contact is displayed.
4. Select the desired phone number to initiate the call.

### Search menu

If the phone book contains a large number of entries, you can search for the desired contact via the search menu.

Select 📦 in the **Contacts** menu to display the search tab.

The letters are organised in alphabetical groups on the screen buttons: **abc**, **def**, **ghi**, **jkl**, **mno**, **pqrs**, **tuv**, and **wxyz**.

Use ⇦ to delete an entered group of letters.

1. Select the button containing the first letter of the contact you wish to search for.

For example: If the contact you wish to search for starts with 'g' select the ghi screen button.

All contacts containing one of the letters on this button, in the example 'g', 'h', and 'i', are displayed.

2. Select the button containing the second letter of the contact you wish to search for.

3. Continue to enter more letters of the contact you wish to search for until the desired contact is displayed.

4. Touch the contact you wish to call. A menu with all phone numbers stored for the selected contact is displayed.

5. Select the desired phone number to initiate the call. The following display is shown.
Contacts settings
The contacts list can be sorted by last name or first name.
Press and then select SETTINGS to display the respective menu.
Select Bluetooth and then Sort Order. Activate the desired option.

Using the call history
All incoming, outgoing, or missed calls are registered.
Press and then select PHONE.
Select Call History in the phone main menu.

Select for outgoing calls, for missed calls, for incoming calls and for all calls. The respective call list is displayed.
Select the desired entry to initiate a call.

Redialling a number
The last dialled phone number can be redialled.
Press and then select PHONE.
Select on the screen or press on the steering wheel.

Using speed dial numbers
Speed dial numbers that are stored on the mobile phone can also be dialled using the keypad of the phone main menu.
Press and then select PHONE.
Touch and hold the respective digit on the keypad to initiate the call.

Incoming phone call

Taking a call
If an audio mode, e.g. the radio or USB mode, is active at the moment a call comes in, the audio source is muted and stays muted until the call ends.
A message with the caller's phone number or name (if available) is displayed.
To answer the call, select \( \mathcal{A} \) in the message or press \( \mathcal{A} \) on the steering wheel.

**Rejecting a call**
To reject the call, select \( \mathcal{C} \) in the message or press \( \mathcal{X} \) on the steering wheel.

**Changing the ring tone**
Press \( \mathcal{A} \) and then select **SETTINGS**. Select **Bluetooth** and then **Ringtones** to display the respective menu. A list of all devices paired is displayed. Select the desired device. A list of all ringtones available for this device is displayed.

Select one of the ringtones.

**Functions during a call**
During an ongoing phone call the phone main menu is displayed.

**Deactivating the hands-free mode temporarily**
To continue the conversation via the mobile phone, activate \( \mathcal{D} \).
To return to the hands-free mode, deactivate \( \mathcal{D} \).

**Deactivating the microphone temporarily**
To mute the microphone, activate \( \mathcal{H} \).
To reactivate the microphone, deactivate \( \mathcal{H} \).

**Ending a phone call**
Select \( \mathcal{J} \) to end the call.

**Voice mail box**
You may operate your voice mail box via the Infotainment system.

**Voice mail number**
Press \( \mathcal{A} \) and then select **SETTINGS**. Select **Bluetooth**. Scroll through the list and select **Voice Mail Numbers**. A list of all paired devices is displayed. Select the respective phone. A keypad is displayed. Enter the voice mail number for the respective phone.

**Calling the voice mail box**
Press \( \mathcal{A} \) and then select **PHONE**. Select \( \mathcal{F} \) on the screen. The mail box is called. Alternatively, enter the voice mail number via the phone keypad.
Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and hands-free manufacturer must be observed when installing and operating a mobile telephone. Failure to do so could invalidate the vehicle type approval (EU directive 95/54/EC).

Recommendations for fault-free operation:

- Professionally installed exterior antenna to obtain the maximum range possible
- Maximum transmission power 10 watts
- Installation of the phone in a suitable spot, consider relevant Note in the Owner's Manual, section Airbag system.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a hands-free attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

For reasons of safety, do not use the phone while driving. Even use of a hands-free set can be a distraction while driving.

⚠️ Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.
A
Activating AUX audio.................... 28
Activating Bluetooth music.......... 28
Activating iPod audio................. 28
Activating phone...................... 38
Activating phone projection......... 32
Activating radio.......................... 20
Activating USB audio.................. 28
Activating USB movie.................. 31
Activating USB picture.................. 29
Audio files................................. 26
Auto volume................................. 17
AUX
  AUX audio menu....................... 28
  Connecting device.................... 26
  General information................... 26
B
Basic operation.......................... 14
Bluetooth
  Bluetooth connection............... 35
  Bluetooth music menu................. 28
  Connecting device.................... 26
  General information................... 26
  Pairing.................................. 35
  Phone................................... 38
  Bluetooth connection............... 35
C
Call
  Functions during a call............. 38
  Incoming call.......................... 38
  Initiating a phone call............... 38
  Ring tone................................ 38
  Call history............................. 38
Control elements
  Infotainment system................... 8
  Steering wheel.......................... 8
Control elements overview............ 8
D
DAB.......................................... 24
Digital audio broadcasting......... 24
Displaying pictures.................... 29
Display settings.......................... 29, 31
E
Emergency call.......................... 37
F
Favourite lists.......................... 22
  Retrieving stations................... 22
  Storing stations....................... 22
File formats
  Audio files................................ 26
  Movie files............................... 26
  Picture files.............................. 26
G
General information........ 26, 33, 34
  AUX........................................... 26
  Bluetooth................................... 26
  DAB........................................... 24
  Infotainment system.............  6
  Phone...................................... 34
  Smartphone applications........ 26
  USB.......................................... 26

H
Home menu............................. 14

I
Infotainment control panel........ 8
Intellitext.................................. 24
iPod.............................................. 26
  Connecting device................... 26
  iPod audio menu.......................... 28

M
Maximum startup volume.......... 17
Menu operation....................  14
Mobile phones and CB radio
equipment..................................... 42
Movie files..................................... 26
Mute.............................................. 11

O
Operation............................... 38
  External devices........................ 26

P
Pairing........................................ 35
Phone
  Bluetooth................................... 34
  Bluetooth connection................ 35
  Call history................................ 38
  Emergency calls.......................... 37
  Entering a number...................... 38
  Functions during a call.............. 38
  General information.................. 34
  Incoming call............................. 38
  Phone book.................................. 38
  Phone main menu.......................... 38
  Selecting the ring tone................ 38
  Speed dial number...................... 38
  Phone book.................................. 38
  Phone projection.......................... 32
  Picture files................................ 26
  Playing audio.............................. 28
  Playing movies............................. 31

R
Radio
  Activating............................... 20
  Configuring DAB......................... 24
  Configuring RDS.......................... 23
  DAB announcements...................... 24
  Digital audio broadcasting (DAB)....... 24
  Favourite lists.......................... 22
  Intellitext.................................. 24
  Radio data system (RDS).............. 23
  Regional..................................... 23
  Regionalisation......................... 23
  Retrieving stations.................... 22
  Selecting the waveband.............. 20
  Station search........................... 20
  Station tuning............................ 20
  Storing stations......................... 22
  Usage......................................... 20
  Radio data system (RDS).............. 23
  RDS.............................................. 23
  Regional..................................... 23
  Regionalisation......................... 23
  Retrieving stations.................... 22
  Ring tone
    Changing the ring tone.............. 38
    Ring tone volume...................... 17

S
Smartphone.............................. 26
  Phone projection....................... 32
  Speech recognition..................... 33
  Speed dial numbers.................... 38
  Station search........................... 20
  Steering wheel audio controls....... 8
  Storing stations....................... 22
Switching the Infotainment system on .................................. 11
System settings ............................................. 18

T
Theft-deterrent feature .................................. 7
Tone settings............................................. 16
Touch beep volume.................................. 17
TP volume .............................................. 17

U
Usage ........................................... 11, 20, 33
AUX ........................................... 26
Bluetooth ............................................. 26
iPod ................................................. 26
Menu ...................................................... 14
Phone ............................................. 38
Radio ..................................................... 20
USB ....................................................... 26

USB
Connecting device .................................. 26
General information .................................. 26
USB audio menu .................................... 28
USB movie menu ................................... 31
USB picture menu .................................... 29
Using smartphone applications ....... 32

V
Voice recognition ......................................... 33
Volume
Auto volume ............................................. 17
Maximum startup volume ...................... 17
Mute function ......................................... 11
Ring tone volume ..................................... 17
Setting the volume .................................. 11
Speed compensated volume .......... 17
Touch beep volume .................................. 17
TP volume .............................................. 17
Volume limitation at high temperatures .............. 11
Volume settings ....................................... 17

W
Waveband selection .................................. 20
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>48</td>
</tr>
<tr>
<td>Basic operation</td>
<td>56</td>
</tr>
<tr>
<td>Radio</td>
<td>60</td>
</tr>
<tr>
<td>External devices</td>
<td>65</td>
</tr>
<tr>
<td>Speech recognition</td>
<td>69</td>
</tr>
<tr>
<td>Phone</td>
<td>70</td>
</tr>
<tr>
<td>Index</td>
<td>78</td>
</tr>
</tbody>
</table>
General information
The Infotainment system provides you with state-of-the-art in-car infotainment.
Using the radio tuner functions, you can register a large number of stations on different favourites pages. You can connect external data storage devices, e.g. iPod, USB devices, or other auxiliary devices to the Infotainment system as further audio sources; either via a cable or via Bluetooth.
The digital sound processor provides you with several preset equaliser modes for sound optimisation.
In addition, the Infotainment system is equipped with a Phone portal that allows comfortable and safe use of your mobile phone in the vehicle. Optionally, the Infotainment system can be operated using the control panel or the controls on the steering wheel.
If provided by your mobile phone, the system can also be operated via speech recognition.

Note
This manual describes all options and features available for the various Infotainment systems. Certain descriptions, including those for display and menu functions, may not apply to your vehicle due to model variant, country specifications, special equipment or accessories.

Important information on operation and traffic safety

⚠️ Warning
Drive safely at all times when using the Infotainment system.
If in doubt, stop the vehicle before operating the Infotainment system.
Radio reception
Radio reception may be disrupted by static, noise, distortion or loss of reception due to:

- changes in distance from the transmitter
- multi-path reception due to reflection
- shadowing

Theft-deterrent feature
The Infotainment system is equipped with an electronic security system for the purpose of theft deterrence. The Infotainment system therefore functions only in your vehicle and is worthless to a thief.
Control elements overview

R300 BT
<table>
<thead>
<tr>
<th>1</th>
<th>⌋ ........................................... 54</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>If switched off: short press: switch power on</td>
</tr>
<tr>
<td></td>
<td>If switched on: short press: mute system; long press: switch power off</td>
</tr>
<tr>
<td></td>
<td>Turn: adjust volume</td>
</tr>
<tr>
<td>2</td>
<td>RADIO</td>
</tr>
<tr>
<td>3</td>
<td>MEDIA</td>
</tr>
<tr>
<td>4</td>
<td>⏯ ⏯</td>
</tr>
<tr>
<td></td>
<td>Radio: short press: skip to previous or next station; press and hold: seek down or up ...................................... 60</td>
</tr>
<tr>
<td></td>
<td>External devices: short press: skip to previous or next track; press and hold: rewind or fast forward ........... 67</td>
</tr>
<tr>
<td>5</td>
<td>PHONE</td>
</tr>
<tr>
<td></td>
<td>Short press: open phone menu .......................... 70</td>
</tr>
<tr>
<td>6</td>
<td>BACK</td>
</tr>
<tr>
<td></td>
<td>Menu: one level back .......... 56</td>
</tr>
<tr>
<td></td>
<td>Input: delete last character or entire entry ................... 56</td>
</tr>
<tr>
<td>7</td>
<td>MENU ..................................... 56</td>
</tr>
<tr>
<td></td>
<td>Turn: mark screen buttons or menu items; set numeric values</td>
</tr>
<tr>
<td></td>
<td>Press: select/activate a marked screen button or menu item; confirm set value; switch to different setting option; open application-specific menu (if available)</td>
</tr>
<tr>
<td>8</td>
<td>Softkeys</td>
</tr>
<tr>
<td></td>
<td>Menu: press: select corresponding screen button ..................... 56</td>
</tr>
<tr>
<td>9</td>
<td>FAV</td>
</tr>
<tr>
<td></td>
<td>Press: display favourites bar ............................. 61</td>
</tr>
<tr>
<td></td>
<td>Description</td>
</tr>
<tr>
<td>---</td>
<td>----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td><strong>Switch Power</strong></td>
</tr>
<tr>
<td></td>
<td>If switched off: short press: switch power on</td>
</tr>
<tr>
<td></td>
<td>If switched on: short press: mute system; long press: switch power off</td>
</tr>
<tr>
<td></td>
<td>Turn: adjust volume</td>
</tr>
<tr>
<td>2</td>
<td><strong>RADIO</strong></td>
</tr>
<tr>
<td></td>
<td>Activate radio or change waveband</td>
</tr>
<tr>
<td>3</td>
<td><strong>MEDIA</strong></td>
</tr>
<tr>
<td></td>
<td>Activate media or change media source</td>
</tr>
<tr>
<td>4</td>
<td><strong>Radio</strong></td>
</tr>
<tr>
<td></td>
<td>Radio: short press: skip to previous or next station; press and hold: seek down or up</td>
</tr>
<tr>
<td></td>
<td>External devices: short press: skip to previous or next track; press and hold: rewind or fast forward</td>
</tr>
<tr>
<td>5</td>
<td><strong>TONE</strong></td>
</tr>
<tr>
<td></td>
<td>Display tone settings menu</td>
</tr>
<tr>
<td>6</td>
<td><strong>BACK</strong></td>
</tr>
<tr>
<td></td>
<td>Menu: one level back</td>
</tr>
<tr>
<td></td>
<td>Input: delete last character or entire entry</td>
</tr>
<tr>
<td>7</td>
<td><strong>MENU</strong></td>
</tr>
<tr>
<td></td>
<td>Turn: mark screen buttons or menu items; set numeric values</td>
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<tr>
<td></td>
<td>Press: select/activate a marked screen button or menu item; confirm set value; switch to different setting option; open application-specific menu (if available)</td>
</tr>
<tr>
<td>8</td>
<td><strong>AUX input</strong></td>
</tr>
<tr>
<td>9</td>
<td><strong>Softkeys</strong></td>
</tr>
<tr>
<td></td>
<td>Favourites: press: select favourites; press and hold: save radio stations as favourites</td>
</tr>
<tr>
<td></td>
<td>Menu: press: select corresponding screen button</td>
</tr>
<tr>
<td>10</td>
<td><strong>FAV</strong></td>
</tr>
<tr>
<td></td>
<td>Press: display favourites bar</td>
</tr>
</tbody>
</table>
Introduction

Steering wheel audio controls

1 📞
Short press: accept phone call ......................................... 70
or dial number in call list ........... 73
or switch between calls when Phone portal active and calls waiting: .................. 73
Long press: activate speech recognition ................ 69

2 SRC (Source) ......................... 54
Press: select audio source .... 54

With radio active: turn upwards/downwards to select next/previous preset radio station .......... 60
With Phone portal active and call list open: turn upwards/downwards to select next/previous entry in call list ................................. 73
Increase volume ..................... 54
Reduce volume ....................... 54
Short press: end/decline call ......................................... 73
or close call list ..................... 73
or deactivate speech recognition ........................................ 69
or activate/deactivate mute ... 54

Usage

Control elements
The Infotainment system is operated via function buttons, a MENU knob and menus that are shown on the display.

Inputs are made optionally via:
- the control panel on the Infotainment system ◄ 50
- audio controls on the steering wheel ◄ 50
- the speech recognition ◄ 69

Switching the Infotainment system on or off
Press ◄ briefly. After switching on, the last selected Infotainment source becomes active.
Press and hold ◄ again to turn the system off.

Automatic switch-off
If the Infotainment system is switched on by pressing ◄ while the ignition is switched off, it switches off again automatically after 10 minutes.
Setting the volume
Turn \( \odot \); the current setting is shown on the display.
When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume \( \odot \) 57.

Speed compensated volume
When Auto volume is activated \( \odot \) 57, the volume is adapted automatically to make up for the road and wind noises as you drive.

Mute function
Press \( \odot \) to mute the audio sources.
To cancel the mute function: turn \( \odot \).

Modes of operation
Radio
Press RADIO to open the radio main menu or to toggle between the different wavebands.
For a detailed description of the radio functions \( \odot \) 60.

External devices
Press MEDIA repeatedly to activate the playback mode for a connected external device.
For a detailed description on connecting and operating external devices \( \odot \) 65.

Phone
Press PHONE to establish a Bluetooth connection between the Infotainment system and a mobile phone.
If a connection can be established, the main menu of the phone mode is displayed.
For a detailed description of mobile phone operation via the Infotainment system \( \odot \) 73.
If no connection can be established, a corresponding menu is displayed.
For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone \( \odot \) 71.
Basic operation

Control panel

MENU knob
The MENU knob is one of the central control elements for menu operation.

Turn:
• to select a screen button or menu item
• to scroll through a list of menu items
• to change a settings value

Press:
• to activate a selected screen button or menu item
• to confirm a changed settings value
• to switch to a different settings option
• to display the application-specific submenu

Tone settings

In the tone settings menu, the tone characteristics can be set differently for each audio source.

Note
In subsequent chapters, the operating steps for selecting and activating a screen button or menu item will be described as "...select <button name>/<item name>".

BACK button
When operating the menus, press BACK to return to the next higher menu level.

When entering digits, press BACK to delete the last character entered.

Softkeys
Press one of the softkeys to activate the favourite or function screen button displayed immediately above the respective softkey.

Note
In subsequent chapters, the operating steps for selecting and activating a screen button or menu item will be described as "...select <button name>/<item name>".
Press **MENU**, select **Settings** and then select **Tone Settings** to open the tone settings menu.

**Setting bass, midrange, and treble**

Scroll through the list and select **Bass**, **Midrange** or **Treble**. Adjust the setting and confirm.

**Setting the volume distribution between front and rear**

Scroll through the list and select **Fader**. Adjust the setting and confirm.

**Setting the volume distribution between right and left**

Scroll through the list and select **Balance**. Adjust the setting and confirm.

**Selecting a tone style**

Scroll through the list and select **EQ** (Equaliser).

The EQ options offer optimised bass, middle, and treble presettings for the relevant style of music.

Turn **MENU** to toggle through the different options and then press **MENU** to confirm the setting.

**Volume settings**

**Adjusting the speed compensated volume**

Press **MENU** to open the respective audio menu. Scroll through the list and select **Settings**. Select **Auto Volume Control**. The **Auto Volume** function can be deactivated or the degree of volume adaptation can be selected in the menu displayed. Scroll through the list and select the desired option.

**Adjusting the maximum startup volume**

Press **MENU** to open the respective audio menu. Scroll through the list and select **Settings**. Select **Maximum Startup Volume**. Set the desired value.

**Volume of traffic announcements**

To adjust the volume of traffic announcements, set the desired volume while a traffic announcement is given out by the system. The respective setting is stored by the system.

**System settings**

Various settings and adaption for the Infotainment system can be performed via the settings menu.

**Time and date settings**

Press **MENU** to open the respective audio menu.
Select **Time and Date**.

**Set Time**
Select **Set Time** to enter the respective submenu.
Select **Auto Set** at the bottom of the screen. Activate either **On - RDS** or **Off (Manual)**.
If **Off (Manual)** is selected, adjust hours and minutes.
Repeatedly select **12-24 HR** at the bottom of the screen to choose a time mode.
If the 12-hour mode is selected, a third column for AM and PM selection is displayed. Select the desired option.

**Set Date**
Select **Set Date** to enter the respective submenu.
Select **Auto Set** at the bottom of the screen. Activate either **On - RDS** or **Off (Manual)**.
If **Off (Manual)** is selected, adjust the date settings.

**Language**
Press **MENU** to open the respective audio menu.
Select **Settings**, scroll through the list and select **Vehicle Settings**.
Select **Languages**.
Scroll through the list and select the desired language.

**Restore Factory Settings**
Press **MENU** to open the respective audio menu.
Select **Settings**, scroll through the list and select **Vehicle Settings**.
Select **Restore Factory Settings** to enter the respective submenu.
Select the desired option and confirm the message.

**Software Information**
The **Software Information** menu contains specific information on the software.
Press **MENU** to open the respective audio menu.
Select **Settings**, scroll through the list and select **Vehicle Settings**.
Select **Software Information**.

**Valet mode**
If valet mode is activated, all vehicle displays are locked and no changes may be performed within the system.

**Note**
Vehicle-related messages remain enabled.

**Locking the system**
Press **MENU** to open the respective audio menu.
Select **Settings**, scroll through the list and select **Vehicle Settings**.
Select **Valet Mode**. A keypad is displayed.
Enter a four-digit code and select **Enter**. The keypad is redisplayed.
To confirm the first input, reenter the four-digit code and select **Lock**. The system is locked.

**Unlocking the system**
Turn the Infotainment system on. A keypad is displayed.
Enter the respective four-digit code and select **Unlock**. The system is unlocked.

**Forgotten PIN code**
To reset the PIN code to the default setting, contact your workshop.
Radio

Usage .......................................... 60
Station search .............................. 60
Favourite lists ............................... 61
Radio data system (RDS) ............ 62
Digital audio broadcasting .......... 63

Usage

Activating the radio function
Press RADIO.

Selecting the waveband
Repeatedly press RADIO on the control panel to toggle between the different wavebands.

Station search

Automatic station search
Press ▼ or ► to play the previous or next station.

Manual station search
Press and hold ▼ or ►. Release the button when the required frequency has almost been reached.

Manual tuning
Press MENU to open the waveband menu and then select Manual Tuning. Depending on the waveband selected, a list of all frequencies is displayed.
Select the desired frequency.

Station lists
If the station list is updated, turn MENU to display a list of all stations currently receivable.
Scroll through the list and select the desired station.

Category lists
Numerous radio stations broadcast a PTY code, which specifies the type of programme transmitted (e.g. news). Some stations also change the PTY code depending on the content which is currently transmitted.
The Infotainment system stores these stations, sorted by programme type in the corresponding category list.
Note
The Categories list item is only available for the FM and the DAB wavebands.

FM waveband 62.
DAB 63.
Press MENU to display the respective waveband menu and select Categories.
A list of programme type categories currently available is displayed.
Select the desired category. A list of stations is displayed transmitting a programme of the selected type.
Select the desired station.

Updating the station lists
Press MENU to open the waveband menu and select Update Station List.
The respective station list is updated.

Note
If a waveband-specific station list is updated, the corresponding category list is also updated.

Favourite lists
Stations of all wavebands can be stored manually in the favourite lists.

24 individual favourite locations are available, displayed in four favourites per favourites page.
To display the favourites list, select FAV.

Storing a station
Set the station to be stored.
Select and hold the respective favourite screen button until a beeping sound is given out and the station name is displayed on the respective favourites screen button.
The station is stored as a favourite.

Retrieving a station
If necessary, repeatedly press FAV to scroll to the respective favourites page.
Select the desired favourite screen button. The respective radio station is played.

Note
The active favourite is highlighted.

Defining the number of favourites shown
Press MENU, scroll through the list and select Set Number of Favourite Pages.
Select the desired option.

Note
If the number of favourites stored exceeds the number of favourites activated in the settings menu, the additionally stored favourites are not deleted but just hidden from the view. They may be reactivated by increasing the number of viewable favourites.
Radio data system (RDS)

RDS is a service of FM stations that considerably improves the finding of the desired station and its fault-free reception.

Advantages of RDS

- On the display, the programme name of the station appears instead of its frequency.
- During a station search the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes into the best receivable broadcasting frequency of the set station by means of AF (alternative frequency).
- Depending on the station that is received, the Infotainment system displays radio text that can contain e.g. information on the current programme.

RDS settings

To configure the RDS settings options, activate the radio function and then select the FM waveband. Press MENU to display the FM waveband menu.

RDS

Set RDS to On or Off.

Note

If RDS is set to Off, RDS functions are not available.

Traffic Programme

Radio traffic service stations are RDS stations that broadcast traffic news. If the traffic service is switched on, the currently active function is interrupted for the duration of the traffic announcement.

Activate or deactivate Traffic Program (TP).

If the radio traffic service is activated, [TP] is shown in the top line of all main menus. If the current station or media played is not a radio traffic service station, [ ] is displayed and a search is started automatically for the next radio traffic service station. As soon as a radio traffic service station is found, [TP] is highlighted. If no radio traffic service station is found, [ ] remains on the screen.

If a traffic announcement is broadcasted on the respective radio traffic service station, a message is displayed.

To interrupt the announcement and return to the function previously activated, dismiss the alert.

Region

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

Set Region to On or Off.

If regionalisation is switched on, alternative frequencies with the same regional programmes are selected where necessary.

If regionalisation is switched off, alternative frequencies of the stations are selected without regard to regional programmes.
Digital audio broadcasting
DAB broadcasts radio stations digitally.

Advantages of DAB
- DAB stations are indicated by the programme name instead of the broadcasting frequency.
- With DAB, several radio programmes (services) can be broadcasted on a single frequency (ensemble).
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises.

If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This can be avoided by activating DAB to DAB Linking and/or DAB to FM Linking in the DAB option menu (see below).

- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the FM stations with the best reception. If TP 62 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

DAB settings
To configure the DAB settings options, activate the radio function and then select the DAB waveband. Press MENU to display the DAB waveband menu.

DAB Announcements
Besides their music programmes, a lot of DAB stations also broadcast announcements of various categories. If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.

Select DAB Announcements to display the DAB categories list.
Select the desired categories. The selected categories are marked with ✔.

Note
DAB announcements can only be received if the DAB waveband is activated.
DAB to DAB Linking
If this function is activated, the device switches over to the same service (programme) on another DAB ensemble (if available) when the DAB signal is too weak to be picked up by the receiver.
Set DAB to DAB Linking to On or Off.

DAB to FM Linking
If this function is activated, the device switches over to a corresponding FM station of the active DAB service (if available) when the DAB signal is too weak to be picked up by the receiver.
Set DAB to FM Linking to On or Off.

L Band
If L Band is activated, the Infotainment system receives an additional frequency range (1452 - 1492 MHz).
Set L-Band to On or Off.

Intellitext
The Intellitext function allows for the reception of additional information such as announcements, financial information, sports, news etc.

Select one of the categories and choose a specific item from the list to display detailed information.
General information
An AUX and USB socket for the connection of external devices is located in the centre console.
Two USB ports for charging devices only are located at the rear of the centre console.

Note
The sockets must always be kept clean and dry.

AUX input
It is possible to connect e.g. an iPod, a smartphone or another auxiliary device to the AUX input.
When connected to the AUX input, the audio signal of the auxiliary device is transmitted via the speakers of the Infotainment system.
The volume and the tone settings can be adjusted via the Infotainment system. All other control functions must be operated via the auxiliary device.
The Infotainment system can play music files contained in auxiliary devices, e.g. iPod or smartphone.

Connecting/disconnecting a device
To connect the auxiliary device to the AUX input socket of the Infotainment system, use the following cable: 3-pole for audio source.
To disconnect the AUX device, select another function and then remove the AUX device.

Caution
Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.

USB port
An MP3 player, USB drive, iPod or smartphone can be connected to the USB port.
When connected to the USB port, the devices mentioned above can be operated via the controls and menus of the Infotainment system.
Note
Not all MP3 players, USB drives, iPod models or smartphones are supported by the Infotainment system.

The Infotainment system can play music files contained in USB storage devices or iPod/iPhone products.

Connecting/disconnecting a device
Connect the USB device or iPod to the USB port. For the iPod, use the appropriate connection cable.

Note
If a non-readable USB device or iPod is connected, a corresponding error message appears and the Infotainment system automatically switches to the previous function.

To disconnect the USB device or iPod, select another function and then remove the USB storage device.

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<tr>
<td>Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.</td>
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MTP device settings
For devices connected via MTP, additional settings can be adjusted in the settings menu.

In an active audio source, press MENU, scroll through the list and select Settings. Select Phone Connection (MTP Only).

If you want the device to be only charged on the USB port, activate Charge Only. If you switch to the USB audio source while this setting is activated, you are prompted with a charging message.

If you wish to play music files stored on the device, activate Scan Music Folder Only or Scan All Folder.

Bluetooth
Bluetooth enabled audio sources (e.g. music mobile phones, MP3 players featuring Bluetooth, etc.), which support the Bluetooth profiles PBAP, HFP, A2DP and AVRCP can be connected wirelessly to the Infotainment system.

The Infotainment system can play music files contained in Bluetooth devices like iPod or smartphone.

Connecting/disconnecting a device
For a detailed description of the Bluetooth connection 71.

Bluetooth device list
To access the Bluetooth device list, activate the Bluetooth audio source, press MENU and then select Manage Bluetooth Devices.

For a detailed description of the Bluetooth device list 71.

File formats
Only devices formatted in the FAT16/32 file systems are supported.
Note
Some files may not be played properly. This might be due to a different recording format or the condition of the file.

Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

The playable MP3 and WMA files are the following:

- Bit rate: 8 kbps ~ 320 kbps
- Sampling frequency: 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1) and 24 kHz, 22.05 kHz, 16 kHz (for MPEG-2)

MP3 files using VBR can be played.

When playing a file with ID3 tag information (version 1.0, 1.1, 2.2, 2.3, 2.4), the Infotainment system can display information, e.g. on the track title and artist.

Playing audio

Starting playback
Connect the device \( \Diamond \) 65.

Repeatedly press MEDIA to activate the desired media source.

Example: USB source.

![Image of track information]

Note
The following operation functions are not available for AUX devices.

Function buttons

Skipping to previous or next file
Press \( \llcorner \) or \( \lrcorner \) to play the previous or next track.

If \( \llcorner \) is pressed within the first five seconds of the song playing, the system skips to the beginning of the current track.

Fast forwarding or rewinding
Press and hold \( \llcorner \) or \( \lrcorner \) to rewind or fast forward.

Playback order

Press MENU in the respective audio source and scroll through the list to Shuffle Songs.

To play the songs on the device in random order, set Shuffle Songs to On.

To play the songs in normal order, set Shuffle Songs to Off.

Browsing for a song

Depending on the device, you may browse for songs in categories and subcategories or a folder structure.

Note
For this function to be available, the indexing process must be completed.

Categories

To browse for a song, press MENU in the respective audio source and then select Browse.

Navigate through the browse structure and select the desired track.
Folders
To browse a song, press MENU and then select **Folder View**. The folder structure on the respective device is displayed.
Navigate through the folder structure and select the desired track.
Speech recognition

General information
The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer's user guide to find out whether your smartphone supports this feature.
In order to use the voice pass-thru application, the smartphone must be connected to the Infotainment system via USB cable or via Bluetooth.

Usage
Activating speech recognition
Press and hold on the steering wheel to start a speech recognition session. A voice command message is displayed on the screen.
As soon as a beep is heard, you can say a command. For information on the commands supported, see the operating instructions for your smartphone.

Adjusting the volume of voice prompts
Turn on the control panel or press on the right side of the steering wheel to increase or decrease the volume of voice prompts.

Deactivating speech recognition
Press on the steering wheel. The voice command message disappears, the speech recognition session is ended.
General information
The Phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone must be connected to the Infotainment system via Bluetooth.

Not all Phone functions are supported by every mobile phone. The usable phone functions depend on the relevant mobile phone and network provider. You will find further information on this in the operating instructions for your mobile phone, or you can enquire about them with your network provider.

Important information for operation and traffic safety

⚠️ Warning

Mobile phones have effects on your environment. For this reason, safety regulations and directions have been prepared. You should be familiar with the related directions before you use the telephone function.

⚠️ Warning

Use of the hands-free facility while driving can be dangerous because your concentration is reduced when telephoning. Park your vehicle before you use the hands-free facility. Follow the stipulations of the country in which you find yourself at present.

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if
interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The Phone portal is certified by the Bluetooth Special Interest Group (SIG).


Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, iPod/iPhone models, or other devices.

To be able to set up a Bluetooth connection to the Infotainment system, the Bluetooth function of the Bluetooth device must be activated. For further information, please consult the user guide of the Bluetooth device.

Via the Phone portal, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices with the Infotainment system are carried out.

Pairing a device

Important information

- Up to five devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing normally only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system establishes the connection automatically.
- Bluetooth operation considerably drains the device's battery. Therefore, connect the device to the USB port for charging.

Pairing the first device

1. Press PHONE and then select Pair.

A message is displayed on the Infotainment system indicating the name and PIN code of the Infotainment system.

2. Start Bluetooth searching on the Bluetooth device to be paired.

3. Confirm pairing:
   - If SSP (secure simple pairing) is supported: Compare the PIN code (if demanded) and confirm the messages on the Infotainment system and the Bluetooth device.
   - If SSP (secure simple pairing) is not supported: Enter the Infotainment PIN code on the Bluetooth device and confirm your input.

4. The Infotainment system and the device are paired. The phone menu is displayed.

5. If available on the Bluetooth device, phone book and calls lists are downloaded to the Infotainment system. If required, confirm the respective message on your smartphone.
**Phone**

**Note**
For the contacts to be read by the Infotainment system, they must be stored in the phone memory of the mobile phone.

**Pairing another device**
Press PHONE, scroll through the list and select Bluetooth Devices.
Press Add to start the pairing process of another device.
Proceed from step 2 of "Pairing the first device" (see above).

**Connecting a paired device**
Press PHONE, scroll through the list and select Bluetooth Devices.
Mark the desired device and select Connect.
If necessary, the device currently connected is disconnected. The selected device is connected.

**Disconnecting a device**
Press PHONE, scroll through the list and select Bluetooth Devices.
Mark the device currently connected and select Disconnect.

The device is disconnected.

**Deleting a device**
Press PHONE, scroll through the list and select Bluetooth Devices.
Mark the device you wish to delete from the device list and select Delete.
The device is deleted.

**Emergency call**

**Warning**
Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned.
In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

**Warning**
Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with a sufficiently strong signal. Under certain circumstances emergency calls cannot be made on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.
The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.

**Making an emergency call**
Dial the emergency call number (e.g. 112).
The telephone connection to the emergency call centre is set up.
Answer when the service personnel questions you about the emergency.
⚠️ Warning
Do not end the call until you are requested to do so by the emergency call centre.

Operation
As soon as a connection via Bluetooth has been set up between your mobile phone and the Infotainment system, you can operate many functions of your mobile phone via the Infotainment system.

Note
Not every mobile phone supports all functions of the Phone portal. Therefore, deviations from the range of functions described below are possible.

Initiating a phone call
Keypad
Press PHONE to display the phone menu.
Scroll through the list and select Keypad. The keypad is displayed.

Turn MENU to highlight the digit you wish to enter and then press MENU to select the respective digit. Enter the desired number.
Select ☐ or press BACK to delete digits.
Select Call to initiate the phone call.

Contacts
Press PHONE to display the phone menu.
Select Contacts. The contacts list is displayed.

Scroll through the list and select the desired contacts entry. The contact is displayed.
Select one of the phone numbers stored under that contact. The number is dialled.

Calls lists
Press PHONE to display the phone menu.
Select Recent Calls. The recent calls list is displayed.
Depending on which call you are searching for, select Missed, Received or Sent.
Select one of the phone numbers stored in the recent calls list. The number is dialled.

Incoming phone call
Taking a phone call
If a radio or media source is active when a call comes in, the audio source is muted and remains muted until the call is ended.
A message with the caller's name or number is displayed.
To answer the call, select **Answer**.

**Rejecting a phone call**
To reject the call, select **Ignore** in the message.

**Functions during a phone call**
During a phone call, the in-call view is displayed.

![In-call view](image)

**Ending a phone call**
Select **End** to end the call.

**Deactivating the microphone**
Select **Mute** to temporarily deactivate the microphone.

The screen button changes to **Unmute**.
To reactivate the microphone, select **Unmute**.

**Deactivating the hands-free function**
To continue the conversation on your mobile phone, select **Handset**.
The screen button changes to **Hands-free**.
To reactivate the hands-free function, select **Hands-free**.

**Second incoming phone call**
If a second phone call comes in, another message with the caller’s name or number is displayed.
To answer the second call and set the first call on hold, select **Switch**.
To reject the call, select **Ignore** in the message.

**Switching between the phone calls**
Press PHONE or ⌘ on the steering wheel audio control to toggle between the two calls.
Information on the call currently active are shown on the display.

**Ending the phone calls**
The calls can be ended one at a time.
Select **End**. The call currently active is ended.

**Text messages**
Text messages which are received while a phone is connected to the Infotainment system can be displayed on the Info-Display.

**Prerequisites**
The following prerequisites must be met:

- The Bluetooth function of the respective phone must be activated (see user guide of the device).
- Dependent on the phone, it may be required to set the device to "visible" (see user guide of the device).
• The respective phone must be paired and connected to the Infotainment system. For a detailed description ◇ 71.
• The respective phone must support Bluetooth Message Access Profile (BT MAP).

Viewing a message

Note
If the vehicle is going faster than 8 km/h, the text message is not displayed on the screen.

When a new text message is received, a message is displayed.

Select View to read the message.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and hands-free manufacturer must be observed when installing and operating a mobile telephone. Failure to do so could invalidate the vehicle type approval (EU directive 95/54/EC).

Recommendations for fault-free operation:
• The exterior antenna needs to be professionally installed to obtain the maximum range possible.
• Maximum transmission power: 10 watts.
• The mobile phone needs to be installed in a suitable spot. Consider relevant note in the Owner's manual, chapter Airbag system.

Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a hands-free attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

For reasons of safety, do not use the phone while driving. Even use of a hands-free set can be a distraction while driving.

Warning

Operation of radio equipment and mobile telephones which fail to meet above mentioned mobile telephone standards is only permitted using an antenna located outside of the vehicle.
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<tbody>
<tr>
<td>Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.</td>
</tr>
<tr>
<td>Index</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td><strong>A</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
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<td><strong>B</strong></td>
</tr>
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<tr>
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<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>C</strong></td>
</tr>
<tr>
<td></td>
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<tr>
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<td><strong>D</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>E</strong></td>
</tr>
<tr>
<td><strong>F</strong></td>
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<td></td>
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<td></td>
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<tr>
<td></td>
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<tr>
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</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>G</strong></td>
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<tr>
<td></td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>I</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>L</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>M</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Mobile phones and CB radio equipment</td>
</tr>
<tr>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Mute</td>
</tr>
<tr>
<td>O</td>
</tr>
<tr>
<td>Operation</td>
</tr>
<tr>
<td>AUX</td>
</tr>
<tr>
<td>Bluetooth music</td>
</tr>
<tr>
<td>Infotainment system</td>
</tr>
<tr>
<td>Menu</td>
</tr>
<tr>
<td>Phone call</td>
</tr>
<tr>
<td>Phone call Initiating</td>
</tr>
<tr>
<td>Phone call Rejecting</td>
</tr>
<tr>
<td>Phone call Taking</td>
</tr>
<tr>
<td>Phone call Playing audio</td>
</tr>
<tr>
<td>Phone</td>
</tr>
<tr>
<td>Radio</td>
</tr>
<tr>
<td>USB</td>
</tr>
<tr>
<td>P</td>
</tr>
<tr>
<td>Pairing</td>
</tr>
<tr>
<td>Phone</td>
</tr>
<tr>
<td>Phone Bluetooth</td>
</tr>
<tr>
<td>Phone Bluetooth connection</td>
</tr>
<tr>
<td>Phone Emergency calls</td>
</tr>
<tr>
<td>Phone General information</td>
</tr>
<tr>
<td>Phone Handsfree mode</td>
</tr>
<tr>
<td>Phone book</td>
</tr>
<tr>
<td>Phone book Recent calls</td>
</tr>
<tr>
<td>Phone book Ringtone</td>
</tr>
<tr>
<td>Phone book Text messages</td>
</tr>
<tr>
<td>Phone book</td>
</tr>
<tr>
<td>Phone call</td>
</tr>
<tr>
<td>Phone call Initiating</td>
</tr>
<tr>
<td>Phone call Rejecting</td>
</tr>
<tr>
<td>Phone call Taking</td>
</tr>
<tr>
<td>Phone call Playing audio</td>
</tr>
<tr>
<td>Phone</td>
</tr>
<tr>
<td>Radio</td>
</tr>
<tr>
<td>Radio Category list</td>
</tr>
<tr>
<td>Radio DAB</td>
</tr>
<tr>
<td>Radio DAB announcements</td>
</tr>
<tr>
<td>Radio DAB menu</td>
</tr>
<tr>
<td>Radio Digital audio broadcasting</td>
</tr>
<tr>
<td>Radio Favourite lists</td>
</tr>
<tr>
<td>Radio FM menu</td>
</tr>
<tr>
<td>Radio Frequency list</td>
</tr>
<tr>
<td>Radio Intellitext</td>
</tr>
<tr>
<td>Radio L-Band</td>
</tr>
<tr>
<td>Radio Radio data system</td>
</tr>
<tr>
<td>Radio RDS</td>
</tr>
<tr>
<td>Radio Region</td>
</tr>
<tr>
<td>Radio Regionalisation</td>
</tr>
<tr>
<td>Radio Retrieving stations</td>
</tr>
<tr>
<td>Radio Station list</td>
</tr>
<tr>
<td>Radio Station search</td>
</tr>
<tr>
<td>Radio Storing stations</td>
</tr>
<tr>
<td>Radio TP</td>
</tr>
<tr>
<td>Radio Traffic programme</td>
</tr>
<tr>
<td>Radio Waveband</td>
</tr>
<tr>
<td>Radio Radio data system (RDS)</td>
</tr>
</tbody>
</table>

| Region | 62 |
| Regionalisation | 62 |
| Restore factory settings | 57 |
| Retrieving stations | 61 |
| Ringtone | 73 |
| S | 69 |
| Speech recognition | 69 |
| Station list | 60 |
| Station search | 60 |
| Storing stations | 61 |
| Switching the Infotainment system on | 54 |
| System settings | 57 |
| Language | 57 |
| Restore factory settings | 57 |
| Time and date | 57 |
| Valet mode | 57 |
| T | 74 |
| Text messages | 74 |
| Theft-deterrent feature | 49 |
| Time | 57 |
| Tone settings | 56 |
| TP | 62 |
| Traffic programme | 62 |
| U | 54, 60, 69 |
| Usage | 54, 60, 69 |
| AUX | 67 |
| Bluetooth music | 67 |
Infotainment system .................. 54
Menu ........................................ 56
Phone ....................................... 73
USB .......................................... 67
USB ............................................ 65

V
Valet mode
   Locking .................................. 57
   Unlocking ................................ 57
Voice recognition ....................... 69
Volume
   Auto volume control ................ 57
   Maximum startup volume ........... 57
   Mute function .......................... 54
   Setting the volume ................... 54
   Speed compensated volume ....... 57
   Volume limitation at high
      temperatures ........................ 54
Volume settings ......................... 57

W
Waveband selection ..................... 60