Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navi 5.0 IntelliLink</td>
<td>5</td>
</tr>
<tr>
<td>R 4.0 IntelliLink</td>
<td>55</td>
</tr>
<tr>
<td>R 4.0</td>
<td>97</td>
</tr>
</tbody>
</table>
Navi 5.0 IntelliLink

Introduction .................................... 6
Basic operation ............................ 14
Radio ........................................... 21
CD Player .................................... 26
External devices ......................... 27
Navigation .................................... 31
Speech recognition ...................... 42
Phone .......................................... 45
Index ............................................ 52
General information

The Infotainment system provides you with state-of-the-art in-car infotainment.

Using the FM, AM or DAB radio functions, you may register up to 15 stations.

The CD player will entertain you with audio CDs and MP3 / WMA CDs.

You can connect external data storage devices to the Infotainment system as further audio sources; either via a cable or via Bluetooth®.

The navigation system with dynamic route planning will reliably guide you to your destination, and, if desired, automatically avoid traffic jams or other traffic problems.

In addition, the Infotainment system allows 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 controls on the steering wheel or via the speech recognition system.

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.

Note

The Navi 5.0 IntelliLink system includes certain third party software. For the associated notices, licenses and any other information regarding this software see online.
Important information on operation and traffic safety

⚠️ Warning

Drive safely at all times. Only operate the Infotainment system if the traffic conditions allow a safe usage.

In the interest of safety, it might be appropriate to stop the vehicle before operating the Infotainment system (e.g. for entries of addresses).

⚠️ Warning

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. Always follow the applicable traffic rules.

⚠️ Warning

In some areas one-way streets and other roads and entrances (e.g. pedestrian zones) that you are not allowed to turn into are not marked on the map. In such areas the Infotainment system may issue a warning that must be accepted. Here you must pay particular attention to one-way streets, roads and entrances that you are not allowed to drive into.

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
Introduction

Control elements overview

Control panel
1 Info Display / touch screen with Home menu (Home menu only visible after 3-finger touch on screen) .......... 14

2 AUDIO
Open audio menu:
Radio ........................................ 21
CD player ................................. 26
External devices (USB, Bluetooth) ......................... 27

3 NAV
Display navigation map ........ 32

4
Open phone menu ............ 48

5 ................................................ 10
If switched off: switch power on / off
If switched on: mute system
Turn: adjust volume

6 SET
Open settings menu ............ 14

7 📞
Open apps menu ............... 30

8 🛠
Open vehicle settings menu, see Owner's Manual

---

**Steering wheel controls**

1 SRC (Source)
Select audio source, confirm selection with ✓ ....... 10
Long press: mute system

2 Δ / ✅
Select next / previous preset radio station when radio active .................. 21
or select next / previous track / picture when external devices active ........ 27
or select next / previous entry in station list, media list, call / contacts list when operation started via steering wheel controls

Confirm selection with ✔

Confirm selected item

or open station list, media list

Activate / deactivate mute function ........................................ 10

Turn upwards / downwards: increase / decrease volume

Short press: accept incoming call

Long press: reject incoming call, hang up call .... 48

or open call / contacts list ...... 48

If phone call active: open call in progress menu

Short press: activate embedded speech recognition

Long press: activate speech recognition in Apple CarPlay™ or Android™ Auto if phone connected via USB port ....... 43

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 8
- the touch screen 14
- audio controls on the steering wheel 8
- the speech recognition 42

Switching the Infotainment system on or off

Press ⊙. After switching on, the last selected Infotainment source becomes active.

Note

Some functions of the Infotainment system are only available if ignition is switched on or engine is running.
Automatic switch-off
If the Infotainment system has been switched on pressing X while the ignition is switched off, it will switch off again automatically when the ECO mode becomes active.

Setting the volume
Turn Ø. The current setting is shown on the display.
When the Infotainment system is switched on, the last selected volume is set again.

Speed compensated volume
When the speed compensated volume is activated 3 17, the volume is adapted automatically to make up for the road and wind noise as you drive.

Mute
Press Ø to mute the Infotainment system.
To cancel the mute function, press Ø again. The last selected volume is set again.

Modes of operation

Audio-Media
Press AUDIO to display the main menu of the last selected audio mode.

Setting the volume

Changing the media source
Select SOURCES to display the menu for media source selection.

Note
For a detailed description of menu operation via touch screen 3 14.

Select the desired media source.
For a detailed description of:
- Radio functions 3 21
- CD player 3 26
- External devices 3 28

Navigation
Press NAV to display the navigation map showing the area around the current location.
Introduction

For a detailed description of basic functions of the navigation system 32.

Navigation menu
Select MENU to display the navigation menu.

The navigation menu serves as central entry point for:
- Address search and input 35
- Defining trips with several waypoints 35
- Defining criteria for route guidance 39
- Cancelling and resuming route guidance 39

Phone
Before the phone function 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 45.

If the mobile phone is connected, press to display the main menu of the phone function.

Apps
To show specific apps of your smartphone on the display of the Infotainment system, connect your smartphone.
Press the button to display the main menu of the apps mode.

Touch CarPlay or Android Auto. A menu with different selectable apps is displayed.

For a detailed description 30.

Settings
Press SET and then select Audio settings to display the respective menu.

For a detailed description 14.

Vehicle settings
Select to open a menu for various vehicle-related settings.

Vehicle settings are described in the Owner's Manual.

Press SET and then OPTIONS to display a menu for various system-related settings.
Basic operation

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

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not use pointed or hard items like ballpoint pens, pencils or similar for touch screen operation.</td>
</tr>
</tbody>
</table>

Menu operation

Selecting or activating a screen button or menu item

Touch a screen button or menu item.

**Note**

Most icons displayed in a menu, like ![Fast](576 km 09:20) or ![Compromise](531 km 09:56) in the illustrated example, serve as screen buttons that initiate certain actions if you touch them.

The corresponding system function is activated, a message is shown, or a submenu with further options is displayed.

↔ and ✓ screen buttons

When operating the menus, touch ↔ 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.

After selecting menu items or performing settings in a menu, touch ✓ to confirm your settings. Otherwise all performed selections or settings will be lost.

**Shortcuts to important menus**

The texts and icons displayed in the top line, of e.g. the navigation main menu, serve as shortcuts to some important menus. For example, touch the station name to open the station list menu.

**Scrolling a list**

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

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 a constant speed.

- Touch ⇑ or ⇓ at the top or bottom of the scroll bar.

- Touch anywhere on the guiding line of the scroll bar.

- Move the slider of the scroll bar up and down with your finger.

**Updating a list**

Touch ⊗ to manually update, e.g., station lists, contacts lists or destination lists.

**Input fields and keyboards**

Input fields are indicated by ↵. Touch the input field to open a keyboard for text or number input.
Depending on the application or function currently active, different keyboards are displayed.

### Keyboards for text input

![Keyboard for text input](image)

Keyboards for text input may contain several input fields. To enable a field for text input, touch it.

To enter a character, touch the respective screen button. The character is entered upon release.

Touch and hold a letter screen button to display associated letters in a letter pop-up menu. Release and then select the desired letter.

To switch to the symbol keyboard, touch 0..#.

To switch back to the letter keyboard or to switch between capital and small letters, touch Aa.

To switch the letter keyboard between normal order and alphabetical order, touch .Points.

To delete the most recently entered character or symbol, touch ☓.

To delete a character or symbol at any point of your input: touch at the desired point to place a blinking cursor, then touch ☓.

### Keyboards for number input

![Keyboard for number input](image)

Keyboards for number input may contain several input fields. In the illustrated example, you first need to touch the input field behind the decimal point, before you can enter the decimal digits.

### Adjusting a setting

![Adjusting a setting](image)

To adjust a setting like the illustrated example, you may optionally:

- Touch < or >.
- Touch anywhere on the line.
- Move the slider with your finger.
Tone settings
Press SET, select Audio settings and then select the Ambience tab.

Several predefined settings are available to optimise the tone for a specific style of music (e.g. Pop-Rock or Classical).
To adjust the tone individually, select User. Change the settings as desired and then confirm your settings.

Note
If you change the settings of a predefined setting, e.g. Pop-Rock, this settings will be applied to the User setting.

Activating the Loudness function may optimise the tone at low volume levels.

Balance and fader
Select the Balance tab.

Several predefined settings are available to adjust the volume distribution inside the vehicle (e.g. All passengers or Front only).
To change the current setting, e.g. All passengers, select that setting and then select the desired new setting from the displayed list.
You may individually adjust the predefined settings.

To define the point in the passenger compartment where the volume is at its highest level, move the cursor in the illustration on the right side of the screen to the desired point.
To return to the default factory settings, select Default.

Volume settings
Press SET, select Audio settings and then select the Sound tab.

Audible touch feedback
If the audible touch feedback function is activated, each touch of a screen button or menu item is indicated by a beeping sound.
To adjust the touch beep volume, activate Touch tones and then adjust the setting.

Speed compensated volume
Activate or deactivate Volume linked to speed.
If activated, the volume of the Infotainment system is adapted automatically to make up for the road and wind noise as you drive.
Basic operation

Speech output
Select the Voice tab. Adjust the volume for all speech outputs of the system, e.g. traffic announcements, navigation messages etc.

Ringtone
Select the Ringtone tab. Adjust the ringtone volume of incoming calls.

System settings
Press SET and then select OPTIONS.

Configuring the system
Select System settings to perform some basic system configurations, e.g.:
- Adjust the display of units for temperature or fuel consumption.
- Reset the system configuration to factory defaults.
- Update the installed software version.

Changing display language
To adjust the language for the menu texts, select Languages and then select the desired language.

Note
If the selected display language is supported by the embedded speech recognition, the language of the speech recognition will be changed accordingly; if not, embedded speech recognition will be not available.

Adjusting time and date
Select Setting the time-date.

Changing time and date formats
To change the time and date formats, select the respective tabs and then select the desired formats.

Setting time and date
By default the displayed time and date is automatically adjusted by the system.
To manually adjust the displayed time and date:
Select the Time tab.
Set Synchronization with GPS (UTC): to OFF and then select the Time field to set the desired time.
Select the **Date** tab and then select the **Date:** field to set the desired date.

### Adjusting the screen

Select **Screen configuration**.

### Text scroll function

Select the **Animation** tab.  
If long texts on the screen should be scrolled automatically, activate **Automatic scrolling**.  
If **Automatic scrolling** is deactivated, long texts are truncated.

### Adjusting the brightness

Select **Brightness** and set the brightness of the screen to the desired level.

### Storing your personal settings

Select **Setting of the profiles**.

You can store a multitude of settings in a personal profile. For example, all current tone settings, all radio presets, one phone book, the map settings and your preferred addresses.  
In case you share the vehicle with other people, this enables you to restore your personal settings from your profile at any time.  
A maximum of three personal profiles may be stored.  
Additionally, a **Common profile** is available. All settings done at any time are automatically stored in that profile. If no personal profile is activated, the **Common profile** is active.

### Storing your personal profile

After performing all your personal settings:  
Select one of the personal profile tabs.  
Select the input field ![Profile 1] and enter the desired name of your personal profile.  
If you want to add a photo to the profile:  
Connect a USB device with the desired photo stored on it to the USB port ![USB port 27], touch the photo frame and then select the desired photo.  
Confirm your selection to download the selected photo to the system.  
Finally, confirm your inputs to store them in your personal profile.

### Activating your personal profile

Press **SET** and then select the tab with the name of your personal profile.

### Activating the Common profile

If a personal profile is currently active:
Basic operation

Press SET and then select Deactivate profile.

Resetting a personal profile
You can at any time reset a personal profile to restore the default factory settings on that profile.
Select the respective profile and then select Reset profile.

Resetting the Common profile
You can at any time reset the Common profile to restore the default factory settings on that profile.
Select Common profile and then select Reset common profile.
Radio

Usage .......................................... 21
Radio data system ....................... 23
Digital audio broadcasting .......... 23

Activating the radio
Press AUDIO. The audio main menu last selected is displayed.
If radio main menu not active, select SOURCES and then select Radio.

The station last played will be received.

Selecting a waveband
Repeatedly select Band to toggle between the different wavebands.

Searching for stations

Automatic station search
Briefly touch < or > to play the previous or next receivable station.

Manual station search
Press and hold < or >. 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.

Station tuning
If you exactly know the reception frequency of a radio station, you may enter that frequency manually.
Select OPTIONS, select Radio stations and then select the desired waveband.
Select Freq., enter the reception frequency and confirm your input.
If a station is receivable on that frequency, the respective station is played.
Station lists
In the station lists, all receivable radio stations within the current reception area are available for selection.
To display the station list of the waveband currently active, select List.
Select the desired station.

Update station lists
If the stations stored in the waveband-specific station list can no longer be received, the AM and the DAB station lists must be updated. The FM station list is updated automatically.
Select OPTIONS, select Radio stations and then select the desired waveband.
To start an update for the selected waveband, select .

Storing favourite stations
Up to 15 radio stations of all wavebands can be stored as favourites in the Presets list.
Select Presets to display the preset buttons.

Storing the currently active station
Touch and hold the desired button for a few seconds. The respective frequency or station name is displayed on the button.
If a station is already stored on a preset button, that station will be overwritten by the new one.

Storing a station from a station list
Select OPTIONS, select Radio stations and then select the desired waveband.

Retrieve the station list of the waveband currently active, select List.
Select the desired station.

Briefly touch the button next to the desired station. Alternatively, select to switch to the tiled view. Then briefly touch on the tile of the desired station.
Select Add to favourites and then touch and hold for a few seconds on the list row where you want to store the station.
If a station is already stored on a list row, that station will be overwritten by the new one.

Retrieve stations
In the radio main menu select Presets and then briefly touch the preset button of the desired station.
Radio data system

Radio data system (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

In the radio main menu select OPTIONS and then select Radio settings to open the menu for RDS configuration.

Activating RDS

Select General and then activate Station follow.

If Alternative frequency is activated, RDS is displayed in the bottom line of the radio main menu.

Radio text

If RDS is activated, information on the radio programme currently active or the music track currently playing are displayed below the programme name.

To show or hide the information, activate or deactivate Display radio text.

Traffic announcements

Many RDS stations broadcast traffic news. If the traffic announcements function is activated, radio or media playback is interrupted for the duration of a traffic announcement.

Select Announcements and then activate or deactivate Traffic announcement.

If Traffic announcement is activated, TA is displayed in the bottom line of the radio main menu.

Digital audio broadcasting

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 broadcast 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-FM auto tracking, 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 Traffic announcement 23 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate Traffic announcement 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.

In the radio main menu select OPTIONS, select Radio settings and then select Announcements.

Activate the desired announcement categories, e.g., News or Weather. Different announcement categories can be selected at the same time.

FM-DAB Linking
This function enables switching from an FM station to a corresponding DAB station and vice versa.
Switching from FM to DAB occurs as soon as a corresponding DAB station is available. Therefore, it is recommended to store favourite stations as DAB stations to reduce frequent switching.
Switching from DAB to FM occurs if the signal is too weak to be picked up by the receiver.

Activation
Precondition is that Alternative frequency is activated before FM-DAB Linking can be activated.
To activate FM-DAB Linking, select OPTIONS in the radio main menu and then select FM-DAB in the Radio settings.

The following symbol will be displayed when FM-DAB Linking is activated:
Deactivation
To deactivate FM-DAB Linking, select **OPTIONS** in the radio main menu and then deselect **FM-DAB** in the **Radio settings**.

FM-DAB Linking will automatically be deactivated when **Alternative frequency** is deactivated.
CD Player

General information
A CD player for the playback of audio CDs and MP3 CDs is located in the glovebox.

Caution
Under no circumstances place DVDs, single-CDs with a diameter of 8 cm or shaped CDs in the audio player.
You must not put any stickers on CDs. These discs can get jammed in the CD drive and ruin the player. Replacement of the device will then be necessary.

Usage
Starting CD playback
Push an audio or MP3 CD with the labelled side facing upwards into the CD slot until it is pulled in.
CD playback starts automatically and the CD main menu is displayed.
If a CD is already inserted, but the CD main menu is not active:
Press AUDIO, select SOURCES and then select CD.
CD playback is started.

Operation
For a detailed description of playback functions for music tracks \(28\).

Removing a CD
Press \(\Delta\). The CD is pushed out of the CD slot.
If the CD is not removed after ejection, it will be drawn back in after a few seconds.
External devices

General information
USB ports are located in the front centre console. Another USB port may be located in the rear console.

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>To protect the system, do not use a USB hub.</td>
</tr>
</tbody>
</table>

Note
The USB ports must always be kept clean and dry.

USB ports
An MP3 player, USB device, SD card (via USB connector / adapter) or smartphone can be connected to each USB port.

The Infotainment system can play audio files or show picture files contained in USB devices.

When connected to a USB port, various functions of the devices mentioned above can be operated via the controls and menus of the Infotainment system.

Note
Not all auxiliary devices are supported by the Infotainment system.

Note
If two USB ports are available in the front centre console: To use the phone projection feature of the Infotainment system, you need to connect your smartphone to the USB port labelled with .

Connecting / disconnecting a device
Connect one of the devices mentioned above to a USB port. If required, use the appropriate connection cable. The music function starts automatically.

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

To disconnect a USB device, select another function and then remove the USB device.
**External devices**

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

### Bluetooth audio streaming
Streaming allows you to listen to music from your smartphone.

For a detailed description on how to establish a Bluetooth connection 46.

If audio playback does not start automatically, it may be necessary to start the playback on the smartphone.

First adjust the volume on your smartphone (to a high level). Then adjust the volume of Infotainment system.

### File formats
The audio equipment supports different file formats.

### Playing audio

**Activating the music function**
Connecting the USB or Bluetooth device 27.
If device already connected, but playback of stored music files not active:
Press AUDIO, select SOURCES and then select the respective source.
Playback of the audio tracks starts automatically.

### Playback functions

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

**Playing the previous or next track**
Touch < or >.

**Fast forwarding and rewinding**
Touch and hold < or >. 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 button repeatedly to toggle between the available random modes.

*: play tracks of currently selected list (album, artist, etc.) in random order.

**: play all tracks stored on connected device in random order.

**: play tracks of currently selected list (album, artist, etc.) in normal playback mode.
Repeating tracks
Touch button repeatedly to switch repeat mode on or off.
- : repeat tracks of currently selected list (album, artist, etc.).
 ø : play tracks of currently selected list (album, artist, etc.) in normal playback mode.

Browse music functions
(only available for devices connected via USB)
You can have your music files sorted according to different criteria. Two options are available for browsing the music files stored on the connected USB device.

Browsing via main menu
If you want to change the currently active USB source, select SOURCES and then select the desired source. The respective main menu is displayed.

Select the button showing the currently selected sorting criteria, e.g. Sort: Album or Sort: Artist, and then select the desired new sorting criteria. A sorting process is performed.
Select List and then select the desired track.
Playback of the selected track is started.

Browsing via device menu
Select OPTIONS and then select Music files.
If you want to change the currently active USB source, select Other.
Select the desired sorting criteria, e.g. Albums or Artists, and then select the desired track.
Playback of the selected track is started.

Displaying pictures
You can view pictures stored on a USB device.

Activating the picture viewer
Connecting the USB device ø 27.

If device already connected, but picture viewer not active:
Press AUDIO, select OPTIONS and then select Managing photos.
Select the desired picture.
A slide show of all stored picture files starts automatically.

Touch the screen to display the menu bar.

Function buttons
Viewing the previous or next picture
Touch ◄ ◄ or ► ►.
Starting or stopping a slide show
Select ► to view the pictures stored on the USB device in a slide show. Touch II to end the slide show.

Using smartphone applications

Phone projection
The phone projection applications Apple CarPlay and Android Auto display selected apps from your smartphone on the Info Display 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 are in.

Preparing the smartphone
iPhone®: Make sure Siri® is activated on your phone.
Android phone: Download the Android Auto app to your phone from the Google Play™ Store.

Connecting the smartphone
iPhone
Connect the phone to the USB port ◆ 27.
If the phone is already connected via Bluetooth, upon connecting to the USB port and launching Apple CarPlay, the Bluetooth connection will disconnect.

Android phone
Connect the phone via Bluetooth ◆ 46 and then connect the phone to the USB port ◆ 27.

Starting phone projection
Press ◆ and then touch CarPlay or AndroidAuto.
The phone projection screen displayed depends on your smartphone and software version.

Returning to the Infotainment screen
Press, e.g., the AUDIO button on the control panel.
Navigation

General information
The navigation system will reliably guide you to your destination.
The current traffic situation is taken into account in the route calculation. For this purpose, the Infotainment system receives traffic announcements in the current reception area via RDS-TMC.
The navigation system cannot, however, take into account traffic incidents, traffic regulations changed at short notice and hazards or problems that arise suddenly (e.g. road works).

Caution
The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The relevant traffic regulations must always be followed. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

Functioning of the navigation system
The position and movement of the vehicle are detected by the navigation system using sensors. The travelled distance is determined by the vehicle’s speedometer signal, turning movements on bends by a sensor.
The position is determined by the GPS (Global Positioning System) satellites.
By comparing the sensor signals with the digital maps, it is possible to determine the position with an accuracy of approx. 10 m.
The system will also work with poor GPS reception. However, the accuracy of the determination of the position will be reduced.
After the entry of the destination address or point of interest (nearest petrol station, hotel, etc.), the route is calculated from the current location to the destination selected.
Route guidance is provided by voice output and an arrow, as well as with the aid of a multi-colour map display.
Important information

TMC traffic information system and dynamic route guidance
The TMC traffic information system receives all current traffic information from TMC radio stations. This information is included in the calculation of the overall route. During this process, the route is planned so that traffic problems related to pre-selected criteria are avoided.
To be able to use TMC traffic information, the system must receive TMC stations in the relevant region.

Map data
All required map data is stored within the Infotainment system.
To update the navigation map data, we recommend to contact your Opel Service Partner.

Usage

Information on the map display
Press NAV to display the navigation map showing the area around the current location.

Route guidance not active
- The map view is displayed.
- The current location is indicated by an arrow.
- The name of the street you are currently in is displayed at the bottom left of the map view.

Route guidance active
- The map view is displayed.
- The active route is indicated by a coloured line.
- The moving vehicle is marked by an arrow pointing into the direction of travel.
- The next turning manoeuvre is shown in a separate field at the top left of the map view.

Depending on the situation information on lane guidance or the second next turning
A manoeuvre may be displayed additionally.

- The arrival time and the remaining distance to the destination is shown at the top right of the map view.

**Customise the map display**

**Map views**
Three different map views are available: North orientation, Vehicle orientation and Perspective view.
Repeatedly touch A to toggle between these map views.

**Map colours**
Depending on the external lighting conditions, the colouring of the map screen (light colours for the day and dark colours for the night) can be adapted.
Touch ☰ to display a menu on the right side of the screen.

Select **Map colour** repeatedly to toggle between light and dark colours.

**POI (Points of Interest) icons on the map**
POIs are points of general interest, e.g. gas stations or car parks.
The display of POI categories shown on the map may be personally adapted.
Activate the desired POI categories.
The map view changes accordingly.

Alternatively, select **POI on map** to display a menu with a multitude of POI categories and subcategories to choose from. Activate the desired POI categories.

**Traffic events**
Traffic events may be indicated on the map. Additionally, information on these events may be displayed in a list.
Select **Consult map** to switch to an alternative map display with new menu options.

The map view is switched to North orientation mode and may display a greater part of the route.
Navigation

Touch the traffic jam icon to show traffic events on the map. Touch ¦ to show a list with information on these traffic events.

If you want to display a different map section:
Touch œ to show the area around the current location.
Touch ö to show the entire route.
Touch ÷ to show the area around the destination.
To return to the default navigation view, touch Ù.

Autozoom function

If the autozoom function is activated (AUTO is displayed below the map view), the zoom level changes automatically when approaching a turning manoeuvre during active route guidance. This way, you always get a good overview of the respective manoeuvre.

If the autozoom function is deactivated, the selected zoom level remains the same during the whole route guidance process.

To activate or deactivate the function:
Select MENU, select Settings and then select the Aspect tab.
Activate or deactivate Automatic zoom setting.

Map manipulation

Moving visible map section
Place your finger anywhere on the screen and move it in the desired direction.
The map moves accordingly, displaying a new section. A new button bar is shown.

Centring visible map section
Touch the desired location on the screen to centre the map around this location.
A red  is displayed at the respective location and the corresponding address is shown on a label.
Manual zooming
To zoom in on a selected map location, place two fingers on the screen and move them away from each other.
Alternatively, touch ➧ below the map view.
To zoom out and display a larger area around the selected location, place two fingers on the screen and move them towards each other.
Alternatively, touch ← below the map view.

Showing an overview of the route
Touch ⏰, select Consult map and then touch ‡.
The map view is switched to North orientation and shows an overview of the current route.

Voice guidance
The route guidance process can be supported by voice prompts given out by the system.
To activate or deactivate the function:
Select MENU in the navigation main menu, select Settings and then select the Vocal tab.
Activate or deactivate Activate navigation messages.

Navigation settings
Select MENU in the navigation main menu, and then select Settings to display the respective menu with a variety of navigation related settings.

Destination input
The navigation system provides various options to set a destination for route guidance.
Press NAV to display the navigation main menu.

Selecting an address from the map
Touch the desired location on the map. The map centres around this location.
A red ★ is displayed at the respective location and the corresponding address is shown on a label.
To start route guidance, select A.
For a detailed description on route guidance 39.

Quick address or POI search
Select Search…. A menu with a list of recent destinations and a keyboard is displayed.

Enter an address or search term. As soon as characters are entered an address search is performed and the list of found addresses is updated continuously.
Select the desired list item.
Depending on the current situation and your selection, the navigation system may react differently:

- If the selected list item is a valid destination address and route guidance is currently not active:
  The navigation main menu is displayed again and route guidance is started.
  For a detailed description on route guidance 39.

- If the selected list item is a valid destination address but route guidance is already active:
  A message is displayed and you need to decide first if the old destination should be replaced, or if you want to add the selected address as an intermediate destination to a waypoint trip.
  Detailed description on waypoint trips, see below.

To refine the area for your address or POI search, select ▼ and then select the desired option.
To hide the keyboard and show the entire list, select ▲. To show the keyboard again, select ◀.
If you want to search for POIs (Points of Interest) only, select the POI tab.

To show the entire list again, select ▲.
Select the desired option.
- If the navigation system needs more detailed information for route calculation:
  Enter a further search term to refine your search.

**Detailed address entry**

Select **MENU** and then select **Enter address** to display a keyboard for address entry.

As soon as characters are entered, an address search is started. Every additional character is considered in the matching process and a list of matching addresses is displayed.

Select the desired address or change your input to initiate a new search. Continue with the address entry until the entire address you are searching for is found.

To start route guidance to the respective address, confirm your input.

For a detailed description on route guidance see below.

**Storing your favourite addresses**

If you want to store the entered address, select **»**.

You may store the address as, e.g., your **Home** address or your **Work** address.

Select the desired option, confirm your selection and then enter a name for the address.

The stored address can then be easily selected as destination address via the destination lists **Preferred** or **Contacts**, see below.

**Destination lists**

Select **MENU** and then select **My destinations**.

Select **Recent** to display a list of all recently entered destinations.
Select **Preferred** to display all destinations which were stored before as home address, work address or preferred address.

Select **Contacts** to display a list with contact names and all related addresses stored before as personal contacts.

To start route guidance to the respective address, select a list entry.

For a detailed description on route guidance 39.

**Points of interest**

A point of interest (POI) is a specific location that might be of general interest, e.g. a petrol station, a parking area or a restaurant.

The data stored within the navigation system contains a great number of predefined POIs, which are indicated on the map (if activated, 32).

**Selecting a POI from the map**

Touch the desired POI icon on the map. The map centres around this location.

Touch the icon again.

A red ✈ is displayed at the respective location and the corresponding address is shown on a label.

To start route guidance, select ✈. For a detailed description on route guidance 39.

**Showing a list of POIs around a location**

Touch the desired location on the map. The map centres around this location.

A red ✈ is displayed at the respective location and the corresponding address is shown on a label.

Touch and hold ✈.

A list of POIs around the location is displayed.

Select the desired POI to start route guidance.

For a detailed description on route guidance 39.

**Searching for POIs via categories**

Select MENU and then select Points of interest.

Select a POI main category, e.g., Travel and then select a subcategory, e.g. Airport. A new menu is displayed.

Select a search area, e.g., Around the vehicle to refine the search.

After the POI search is performed, select the desired POI.

To search for POIs at another location, select Address.

To search for POIs via keyword (see below), select Search.
Searching via keyword
Select MENU, select Search, enter a keyword, e.g., "Station", enter or select a city name and confirm your input.

After the POI search is performed, select the desired POI.

Waypoint trips
A waypoint is an intermediate destination that is considered in the calculation of a route to its final destination. To create a waypoint trip, you may add one or several waypoints.

Enter or select the final destination of your waypoint trip and start route guidance.

While under active route guidance, select MENU and then select Route / Waypoints.

Select Add waypoint and then select an option for address entry, e.g. Find POI.

Enter or select a new address. The address is inserted into the list of waypoints.

If desired, enter further waypoints as described above.

If you want to change the order of the waypoints:
Touch † and then touch the displayed arrows to move the list entries up or down.

Select Calculate to recalculate the route according to the changed order.

To return to the navigation main menu, select Finish.

To display a detailed route list of the waypoint trip, select the Route tab.

Guidance
Route guidance is provided by the navigation system through visual instructions and voice prompts (voice guidance).

Visual instructions
Visual instructions are provided on the display.
Note
When route guidance is active and you are not within the navigation application, turning manoeuvres are shown on the instrument cluster display.

Voice guidance
Navigation voice prompts announce which direction to follow, when approaching an intersection at which you need to turn.

To activate or deactivate the voice prompts function select MENU in the navigation main menu, select Settings, select the Vocal tab and then activate or deactivate Activate navigation messages.

If voice prompts are activated you can additionally specify whether street names should be spoken or not.

To replay the last voice guidance instruction, touch the turn arrow on the left side of the screen.

Settings for route guidance
Select MENU in the navigation main menu and then select Guidance criteria to display the respective menu.

When the menu is opened, several optional routes are automatically calculated by the navigation system, e.g. the fastest route or the most ecological route.

To show the different optional routes on a map, select See on map.

If you want, e.g., avoid motorways on your route, set the respective option to OFF.

Take account of traffic
Traffic events are taken into consideration when the system determines a route to a destination.

During active route guidance, the route can be modified according to incoming traffic messages.

Three options are available for Take account of traffic:
If you want the system to automatically modify the route according to new traffic messages, select Automatic.

If you want to be consulted when a route is modified, select Manual.

If you do not want routes to be modified, select None.
Starting, cancelling, resuming route guidance

To start route guidance, enter or select a destination address \( \text{ 35.} \) Depending on the situation, route guidance may start automatically, or you may have to follow some instructions on the screen.

To cancel route guidance, select MENU in the navigation main menu and then select STOP NAVIGATION.

To resume a cancelled route guidance, select MENU in the navigation main menu and then select RESUME GUIDANCE.

Turn list

The next turning manoeuvre is displayed on the left side of the screen.

To display a list of all upcoming turns on the active route, select MENU in the navigation main menu, select Route / Waypoints and then select the Route tab.

To display the previous or next turning manoeuvre on the map, touch \(<\) or \(>\).

To avoid the route section currently displayed on the map, touch \(\ddagger\).

If desired, further route sections may be selected to be avoided. Confirm your selection(s).
Speech recognition

General information

Embedded speech recognition

The embedded speech recognition of the Infotainment system enables you to operate various functions of the Infotainment system via voice input. It recognises commands and numeric sequences independently of the relevant speaker. The commands and numeric sequences can be spoken without a voice pause between the individual words.

In the event of incorrect operation or commands, the speech recognition gives visual and / or acoustic feedback and requests you to re-enter the desired command. Apart from this, the speech recognition acknowledges important commands and will enquire if necessary.

In general, there are different ways to speak commands for performing the desired actions.

Note
To ensure that conversations inside the vehicle do not lead to unintentional triggering of the system functions, the speech recognition does not start until it has been activated.

Important information

Language support
- Not all languages available for the display of the Infotainment system are also available for the speech recognition.
- If the display language currently selected is not supported by the speech recognition, speech recognition is not available.

In such a case, you need to select another language for the display if you want to control the Infotainment system via voice input. To change the display language 18.

Address input of destinations in foreign countries
In case you want to enter the address of a destination located in a foreign country via voice input, you need to change the language of the Info-Display to the language of the foreign country.
E.g., if the display is currently set to English and you want to enter the name of a city located in France, you need to change the display language to French.

For changing the display language, see "Language" in chapter "System settings" 18.

**Input order for destination addresses**
The order in which the parts of an address need to be entered using the speech recognition system is dependent on the country where the destination is located.

If the speech recognition system rejects your address entry, repeat the command with a different order of the address parts.

**Voice pass-thru application**
The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone.

Voice pass-through is available via the phone projection applications Apple CarPlay and Android Auto 30.

### Usage

#### Embedded speech recognition

**Activating speech recognition**

**Note**
Speech recognition is not available during an active phone call.

**Activation via the \( \& \) button on the steering wheel**
Press \( \& \) on the steering wheel.

The audio system mutes, a voice output message prompts you to say a command, and help menus with the most important commands currently available are shown on the display.

The speech recognition is ready for voice input, after a beep has been given.

You can now say a voice command to initiate a system function (e.g. playing a preset radio station).

**Adjusting the volume of voice prompts**
Press volume button on the steering wheel upwards (increase volume) \( \uparrow \) or downwards (decrease volume) \( \downarrow \).

**Interrupting a voice prompt**
As an experienced user, you can interrupt a voice prompt by briefly pressing \( \& \) on the steering wheel.

Alternatively you can say "Set dialogue mode as expert".

A beep is heard immediately, and a command can be stated without having to wait.

**Cancelling a dialogue sequence**
To cancel a dialogue sequence and to deactivate the speech recognition, press \( \& \) on the steering wheel.

If you do not say any command for a certain period of time, or if you say commands that are not recognised by the system, a dialogue sequence is automatically cancelled.
Operation via speech commands
Follow the instructions given by voice output and shown on the display.
For best results:
- Listen for the voice prompt and wait for the beep before saying a command or replying.
- Read the example commands on the display.
- The voice prompt can be interrupted by pressing again.
- Wait for the beep and then speak the command naturally, not too fast, not too slow.
Usually commands can be spoken in a single command. Examples:
  - Navigate home
  - Send quick message to "Bill Carter", I'll be late
  - Set dialogue mode as "novice" - "expert"
  - Tell me the remaining distance
  - Increase temperature

Voice pass-thru application

Activating speech recognition
Press and hold on the steering wheel until a speech recognition session is started.

Adjusting the volume of voice prompts
Turn on the control panel or press volume button on the steering wheel upwards (increase volume) or downwards (decrease volume).

Deactivating speech recognition
Press on the steering wheel. The speech recognition session is ended.
Phone

General information ................. 45
Bluetooth connection ............... 46
Emergency call ....................... 47
Operation .................................. 48
Mobile phones and CB radio equipment .................... 51

General information
The phone function 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 function, 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 function 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, smartphones or other devices.

**Pairing a device**
During the pairing process, PIN code exchange between the Bluetooth device and the Infotainment system and connection of the Bluetooth devices to the Infotainment system are carried out.

### Important information
- Two paired Bluetooth devices can be connected to the Infotainment system at the same time. One device in hands-free mode, the other in audio streaming mode, see description on Bluetooth profile settings below.
However, two devices cannot be used in hands-free mode at the same time.
- Pairing 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 operating instructions for the Bluetooth device.
2. If another Bluetooth device is already connected:
   Press  
   select OPTIONS, select Bluetooth connection and then touch  
   Search.
   If no Bluetooth device is currently connected:
   Press  
   and then touch Bluetooth search.
   A search for all Bluetooth devices in the near environment is performed.
3. Select the Bluetooth device you wish to pair from the displayed list.
4. Confirm the pairing procedure:
   - If SSP (secure simple pairing) is supported:

<table>
<thead>
<tr>
<th>Pairing a new device</th>
<th>Important information</th>
<th>Pairing a new device</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions for the Bluetooth device.</td>
<td>Two paired Bluetooth devices can be connected to the Infotainment system at the same time. One device in hands-free mode, the other in audio streaming mode, see description on Bluetooth profile settings below. However, two devices cannot be used in hands-free mode at the same time.</td>
<td>1. Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions for the Bluetooth device.</td>
</tr>
<tr>
<td>2. If another Bluetooth device is already connected: Press v, select OPTIONS, select Bluetooth connection and then touch</td>
<td>Pairing 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.</td>
<td>2. If another Bluetooth device is already connected: Press  v, select OPTIONS, select Bluetooth connection and then touch  Search.</td>
</tr>
<tr>
<td>If no Bluetooth device is currently connected: Press  v and then touch Bluetooth search. A search for all Bluetooth devices in the near environment is performed.</td>
<td>Bluetooth operation considerably drains the device’s battery. Therefore, connect the device to the USB port for charging.</td>
<td>If no Bluetooth device is currently connected: Press  v and then touch Bluetooth search. A search for all Bluetooth devices in the near environment is performed.</td>
</tr>
<tr>
<td>3. Select the Bluetooth device you wish to pair from the displayed list.</td>
<td></td>
<td>3. Select the Bluetooth device you wish to pair from the displayed list.</td>
</tr>
<tr>
<td>4. Confirm the pairing procedure:</td>
<td></td>
<td>4. Confirm the pairing procedure:</td>
</tr>
<tr>
<td>- If SSP (secure simple pairing) is supported:</td>
<td></td>
<td>- If SSP (secure simple pairing) is supported:</td>
</tr>
</tbody>
</table>
Confirm the messages on the Infotainment system and the Bluetooth device.

- If SSP (secure simple pairing) is not supported:
  On the Infotainment system: a 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.

5. Activate the functions you want the paired smartphone to perform and confirm your settings. You can change these Bluetooth profile settings at any time, see below.

The Infotainment system and the device are paired.

6. The phone book is downloaded automatically to the Infotainment system. Depending on the phone, the Infotainment system must 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.

**Operations on paired devices**

Press ↵, select OPTIONS and then select Bluetooth connection.

A list of all paired devices is displayed.

**Changing the Bluetooth profile settings**

Touch ♦ next to the desired paired device.

Activate or deactivate the profile settings as desired and confirm your settings.

**Connecting a paired device**

Devices which are paired but not connected are identified by —.

Select the desired device to connect it.

**Disconnecting a device**

The currently connected device is identified by ☐.

Select the device to disconnect it.

**Deleting a paired device**

Touch ♦ in the upper left corner of the screen to display ♦ icons next to each paired device.

Touch ♦ next to the Bluetooth device you want to delete and confirm the displayed message.

**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 in all mobile phone networks; problems may occur 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.

⚠️ Warning
Do not end the call until you are requested to do so by the emergency call centre.

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 is still possible, e.g. taking a call or adjusting the volume.

After 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.

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

Phone main menu
Press 📞 to display the phone main menu.
Note
The phone main menu is only available if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description 46.

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.

Initiating a phone call

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

As soon as figures are entered, matching entries from the contacts list are displayed in alphabetical order. Touch the desired list entry to initiate a phone call.

Using the contacts list
The contacts list contains all phone book entries from the connected Bluetooth device and all contacts from the navigation system.

Searching for a contact
To switch between <ordered by first name> and <ordered by surname>, touch ❖.
To scroll through the list, touch a letter from the scroll bar, ▲ or ▼.
To search for a contact via keyboard, touch Search.

Modifying or deleting a contact
Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.

Select Contacts and then select the desired list type.
Connect a USB device with the desired photo stored on it to the USB port 27, touch the photo frame and then select the desired photo.

Confirm your selection to download the selected photo to the system.

Using the call history
All incoming, outgoing, or missed calls are registered.

Select Calls and then select the desired list.

Select the desired list entry to initiate a call.

Incoming phone 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 is displayed.

To answer the call, touch v.
To reject the call, touch @.
To put the call on hold, touch II. To resume to the call, touch ►.

During the ongoing call, the following menu is displayed.

To mute the microphone of the Infotainment system, touch Micro OFF.
To continue conversation via the mobile phone (private mode), touch Private. To reactivate the conversation via the Infotainment system, touch Private.

Note
If you leave the vehicle and lock it while you are still in a private mode phone conversation, the Infotainment system may remain switched on until you leave the Bluetooth reception area of the Infotainment system.
**Put incoming calls always on hold**

For safety reasons the phone function can put all incoming calls on hold by default.

To activate this function, select **OPTIONS**, select **Security** and then select **Put incoming calls on hold**.

---

**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).

---

<table>
<thead>
<tr>
<th><strong>Warning</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Caution</strong></th>
</tr>
</thead>
<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>
</tbody>
</table>

---

**Recommendations for fault-free operation:**

- Professionally installed exterior antenna to obtain the maximum range possible
- Maximum transmission power 10 W
- 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 W.

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 W for GSM 900 or 1 W 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.
## Index

<table>
<thead>
<tr>
<th>A</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activating Bluetooth music</td>
<td>Call history</td>
</tr>
<tr>
<td>Activating CD player</td>
<td>CD player</td>
</tr>
<tr>
<td>Activating phone</td>
<td>Change display language</td>
</tr>
<tr>
<td>Activating radio</td>
<td>Contacts</td>
</tr>
<tr>
<td>Activating the navigation system</td>
<td>Control elements</td>
</tr>
<tr>
<td>Activating USB audio</td>
<td>Infotainment system</td>
</tr>
<tr>
<td>Activating USB picture</td>
<td>Steering wheel</td>
</tr>
<tr>
<td>Address book</td>
<td></td>
</tr>
<tr>
<td>Adjust time and date</td>
<td></td>
</tr>
<tr>
<td>Audio files</td>
<td></td>
</tr>
<tr>
<td>Auto volume</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
</tr>
<tr>
<td>Balance</td>
<td></td>
</tr>
<tr>
<td>Basic operation</td>
<td></td>
</tr>
<tr>
<td>Bluetooth</td>
<td></td>
</tr>
<tr>
<td>Bluetooth connection</td>
<td></td>
</tr>
<tr>
<td>Bluetooth music menu</td>
<td></td>
</tr>
<tr>
<td>Connecting device</td>
<td></td>
</tr>
<tr>
<td>General information</td>
<td></td>
</tr>
<tr>
<td>Pairing</td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td></td>
</tr>
<tr>
<td>Bluetooth connection</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Call</td>
<td></td>
</tr>
<tr>
<td>Functions during a call</td>
<td></td>
</tr>
<tr>
<td>Incoming call</td>
<td></td>
</tr>
<tr>
<td>Initiating a phone call</td>
<td></td>
</tr>
<tr>
<td>Ring tone</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
<tr>
<td>DAB</td>
<td></td>
</tr>
<tr>
<td>FM-DAB Linking</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>adjust</td>
<td></td>
</tr>
<tr>
<td>Destination input</td>
<td></td>
</tr>
<tr>
<td>Digital audio broadcasting</td>
<td></td>
</tr>
<tr>
<td>Display</td>
<td></td>
</tr>
<tr>
<td>adjust brightness</td>
<td></td>
</tr>
<tr>
<td>change language</td>
<td></td>
</tr>
<tr>
<td>Displaying pictures</td>
<td></td>
</tr>
<tr>
<td>Display settings</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>Emergency call</td>
<td></td>
</tr>
<tr>
<td>Equaliser</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
</tr>
<tr>
<td>Factory default settings</td>
<td></td>
</tr>
<tr>
<td>Fader</td>
<td></td>
</tr>
<tr>
<td>File formats</td>
<td></td>
</tr>
<tr>
<td>Section</td>
<td>Pages</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Audio files</td>
<td>27</td>
</tr>
<tr>
<td>Picture files</td>
<td>27</td>
</tr>
<tr>
<td><strong>G</strong></td>
<td></td>
</tr>
<tr>
<td>General information</td>
<td>26, 27, 31, 42, 45</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>27</td>
</tr>
<tr>
<td>DAB</td>
<td>23</td>
</tr>
<tr>
<td>Infotainment system</td>
<td>6</td>
</tr>
<tr>
<td>Navigation</td>
<td>31</td>
</tr>
<tr>
<td>Phone</td>
<td>45</td>
</tr>
<tr>
<td>Smartphone applications</td>
<td>27</td>
</tr>
<tr>
<td>USB</td>
<td>27</td>
</tr>
<tr>
<td>Guidance</td>
<td>39</td>
</tr>
<tr>
<td><strong>I</strong></td>
<td></td>
</tr>
<tr>
<td>Infotainment control panel</td>
<td>8</td>
</tr>
<tr>
<td><strong>M</strong></td>
<td></td>
</tr>
<tr>
<td>Maps</td>
<td>32</td>
</tr>
<tr>
<td>Menu operation</td>
<td>14</td>
</tr>
<tr>
<td>Mobile phones and CB radio equipment</td>
<td>51</td>
</tr>
<tr>
<td>Mute</td>
<td>10</td>
</tr>
<tr>
<td><strong>N</strong></td>
<td></td>
</tr>
<tr>
<td>Navigation</td>
<td></td>
</tr>
<tr>
<td>Contacts</td>
<td>35</td>
</tr>
<tr>
<td>Current location</td>
<td>32</td>
</tr>
<tr>
<td>Destination input</td>
<td>35</td>
</tr>
<tr>
<td>Map display</td>
<td>32</td>
</tr>
<tr>
<td>Map manipulation</td>
<td>32</td>
</tr>
<tr>
<td>Map update</td>
<td>31</td>
</tr>
<tr>
<td>Recent destinations</td>
<td>31</td>
</tr>
<tr>
<td>Route guidance</td>
<td>35</td>
</tr>
<tr>
<td>TMC stations</td>
<td>31, 39</td>
</tr>
<tr>
<td>Traffic incidents</td>
<td>39</td>
</tr>
<tr>
<td>Turn list</td>
<td>39</td>
</tr>
<tr>
<td>Waypoint trip</td>
<td>35</td>
</tr>
<tr>
<td><strong>O</strong></td>
<td></td>
</tr>
<tr>
<td>Operation</td>
<td>48</td>
</tr>
<tr>
<td>CD</td>
<td>26</td>
</tr>
<tr>
<td>External devices</td>
<td>27</td>
</tr>
<tr>
<td>Menu</td>
<td>14</td>
</tr>
<tr>
<td>Navigation system</td>
<td>32</td>
</tr>
<tr>
<td>Phone</td>
<td>48</td>
</tr>
<tr>
<td>Radio</td>
<td>21</td>
</tr>
<tr>
<td><strong>P</strong></td>
<td></td>
</tr>
<tr>
<td>Pairing</td>
<td>46</td>
</tr>
<tr>
<td>Personal settings</td>
<td>18</td>
</tr>
<tr>
<td><strong>R</strong></td>
<td></td>
</tr>
<tr>
<td>Radio</td>
<td></td>
</tr>
<tr>
<td>Activating</td>
<td>21</td>
</tr>
<tr>
<td>Configuring DAB</td>
<td>23</td>
</tr>
<tr>
<td>Configuring RDS</td>
<td>23</td>
</tr>
<tr>
<td>Digital audio broadcasting (DAB)</td>
<td>23</td>
</tr>
<tr>
<td>Presets</td>
<td>21</td>
</tr>
<tr>
<td>Radio data system (RDS)</td>
<td>23</td>
</tr>
<tr>
<td>Regional</td>
<td>23</td>
</tr>
<tr>
<td>Regionalisation</td>
<td>23</td>
</tr>
<tr>
<td>Retrieving stations</td>
<td>21</td>
</tr>
<tr>
<td>Selecting the waveband</td>
<td>21</td>
</tr>
<tr>
<td>Station search</td>
<td>21</td>
</tr>
<tr>
<td>Station tuning</td>
<td>21</td>
</tr>
<tr>
<td>Storing stations</td>
<td>21</td>
</tr>
<tr>
<td>Usage</td>
<td>21</td>
</tr>
<tr>
<td>Page</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Radio data system</td>
<td>23</td>
</tr>
<tr>
<td>RDS</td>
<td>23</td>
</tr>
<tr>
<td>Regional</td>
<td>23</td>
</tr>
<tr>
<td>Regionalisation</td>
<td>23</td>
</tr>
<tr>
<td>Retrieving stations</td>
<td>21</td>
</tr>
<tr>
<td>Ring tone</td>
<td>48</td>
</tr>
<tr>
<td>Ring tone volume</td>
<td>17</td>
</tr>
<tr>
<td>Route guidance</td>
<td>39</td>
</tr>
<tr>
<td>Smartphone</td>
<td>27</td>
</tr>
<tr>
<td>Phone projection</td>
<td>30</td>
</tr>
<tr>
<td>Speech output volume</td>
<td>17</td>
</tr>
<tr>
<td>Speech recognition</td>
<td>42</td>
</tr>
<tr>
<td>Storing stations</td>
<td>21</td>
</tr>
<tr>
<td>Switching the Infotainment system on</td>
<td>10</td>
</tr>
<tr>
<td>System settings</td>
<td>18</td>
</tr>
<tr>
<td>Time</td>
<td>18</td>
</tr>
<tr>
<td>adjust</td>
<td>18</td>
</tr>
<tr>
<td>TMC stations</td>
<td>31</td>
</tr>
<tr>
<td>Tone settings</td>
<td>17</td>
</tr>
<tr>
<td>Touch beep volume</td>
<td>17</td>
</tr>
<tr>
<td>Traffic incidents</td>
<td>39</td>
</tr>
<tr>
<td>Turn list</td>
<td>39</td>
</tr>
<tr>
<td>Update software</td>
<td>18</td>
</tr>
<tr>
<td>Usage</td>
<td>10, 21, 26, 32, 43</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>27</td>
</tr>
<tr>
<td>CD</td>
<td>26</td>
</tr>
<tr>
<td>Menu</td>
<td>14</td>
</tr>
<tr>
<td>Navigation system</td>
<td>32</td>
</tr>
<tr>
<td>Phone</td>
<td>48</td>
</tr>
<tr>
<td>Radio</td>
<td>21</td>
</tr>
<tr>
<td>USB</td>
<td>27</td>
</tr>
<tr>
<td>USB Connecting device</td>
<td>27</td>
</tr>
<tr>
<td>General information</td>
<td>27</td>
</tr>
<tr>
<td>USB audio menu</td>
<td>28</td>
</tr>
<tr>
<td>USB picture menu</td>
<td>29</td>
</tr>
<tr>
<td>Using smartphone applications</td>
<td>30</td>
</tr>
<tr>
<td>Voice guidance</td>
<td>32</td>
</tr>
<tr>
<td>Voice recognition</td>
<td>42</td>
</tr>
<tr>
<td>Volume</td>
<td>17</td>
</tr>
<tr>
<td>Auto volume</td>
<td>17</td>
</tr>
<tr>
<td>Mute function</td>
<td>10</td>
</tr>
<tr>
<td>Ring tone volume</td>
<td>17</td>
</tr>
<tr>
<td>Setting the volume</td>
<td>10</td>
</tr>
<tr>
<td>Speech output</td>
<td>17</td>
</tr>
<tr>
<td>Speed compensated volume</td>
<td>17</td>
</tr>
<tr>
<td>Touch beep volume</td>
<td>17</td>
</tr>
<tr>
<td>Volume settings</td>
<td>17</td>
</tr>
<tr>
<td>Waveband selection</td>
<td>21</td>
</tr>
<tr>
<td>Waypoint trip</td>
<td>35</td>
</tr>
<tr>
<td>Section</td>
<td>Page</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Introduction</td>
<td>56</td>
</tr>
<tr>
<td>Basic operation</td>
<td>64</td>
</tr>
<tr>
<td>Radio</td>
<td>70</td>
</tr>
<tr>
<td>External devices</td>
<td>76</td>
</tr>
<tr>
<td>Speech recognition</td>
<td>83</td>
</tr>
<tr>
<td>Phone</td>
<td>84</td>
</tr>
<tr>
<td>Index</td>
<td>94</td>
</tr>
</tbody>
</table>
Introduction

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 favourite lists.
You can connect external data storage devices to the Infotainment system as further audio sources, either via cable or via Bluetooth®.
In addition, the Infotainment system allows comfortable and safe use of your mobile phone in the vehicle.
You can also operate specific smartphone applications 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 display 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.
Control elements overview

Control panel
1 Info Display / touch screen ........................................ 64
2 Home menu ..................................................... 64
Screen buttons for access to:
   Audio: audio functions
   Gallery: picture and movie functions
   Phone: mobile phone functions
   Projection: phone projection
   Settings: system settings
3 Time, date and temperature indicators .................. 67
4 •
   Short press: open phone menu .............................. 88
   or open phone projection function (if activated) ....... 81
   Long press: activate speech recognition ............. 83
5 ▶
   Short press: skip to next station when radio active ...... 70
   or skip to next track when external devices active .... 78
   Long press: seek up when radio active ....................... 70
   or fast forward when external devices active ......... 78
6 ◤
   Short press: switch on Infotainment system if turned off .................. 61
   or mute system if turned on ................................... 61
   Long press: switch off Infotainment system .......... 61
   Turn: adjust volume ......... 61
7 ◀
   Short press: skip to previous station when radio active .......... 70
   or skip to previous track when external devices active .................. 78
   Long press: seek down when radio active ................. 70
   or fast rewind when external devices active ......... 78
8 🛡
   Short press: open home menu .................................. 61
   Long press: open phone projection function (if activated) .................. 81
Steering wheel controls

1. **SRC (Source)**
   - Select audio source .............. 61

2. **Δ / ∨**
   - Select next / previous preset radio station when radio active ...................... 70

3. **✓**
   - Short press: show Home menu
   - Long press: if Apple CarPlay™ or Android™ Auto activated, show the respective menu ............... 81

4. **✓**
   - Activate / deactivate mute function ........................................ 61

5. **+/−**
   - Turn upwards / downwards: increase / decrease volume

6. **📞**
   - Take phone call .................... 88

7. ** UITextField**
   - Activate speech recognition .. 83

or select next / previous track / picture when external devices active ........ 76
or select next / previous entry in call / contacts list when phone function active and call / contact list open ........................................ 88
or open call / contacts list ..... 88
or switch between calls when calls are waiting .......... 88

Activate speech recognition .. 83
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

Swiching the Infotainment system on or off
Short press to switch the system on. After switching on, the last selected Infotainment source becomes active.

**Note**
Some functions of the Infotainment system are only available if ignition is switched on or engine is running.

Long press to switch the system off.

**Automatic switch-off**
If the Infotainment system has been switched on by 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 70
- External devices 78

**Gallery**
Select Gallery to open the picture and movie menu for files stored on an external device, e.g. USB device or smartphone.
Select ▼ or ▲ 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 79
- Movie functions 80

**Phone**
Before the phone function 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 84.
If the mobile phone is connected, select Phone to display the main menu.

For a detailed description of mobile phone operation via the Infotainment system 88.

**Projection**
To show specific apps of your smartphone displayed 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 81.
Settings
Select **Settings** to open a menu for various system-related settings, e.g. deactivating **Audible Touch Feedback**.
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.

**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

If there are more items available than presentable on the screen, the list must be scrolled.
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.
- Touch ▼ or ▲ at the top or 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.

Scrolling pages

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

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.
- Touch > or < on the screen.

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 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.

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 in the respective chapters of this manual.

Time and date settings
Press  and then select Settings.
Select Time and Date to display the respective submenu.
Basic operation

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

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 + or - to adjust the settings.

Language settings
Press ☰ 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 ☰ 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 ☰ and then select Settings. Scroll through the list and select Turn Display Off. The display is turned off. The audio functions remain active.
To turn the display on again, touch the screen or press a button.
**Factory defaults**

Press 🏷 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 🏷 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 .......................................... 70
Station search .............................. 70
Favourite lists ............................... 72
Radio data system ....................... 72
Digital audio broadcasting .......... 74

Usage

Activating radio

Press 🎤 and then select Audio. The audio main menu last selected is displayed.
Select Source in the 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.
Note
FM waveband: when the RDS function is activated, only RDS stations 72 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations 72 are searched for.

Station tuning
Touch Direct tune on the screen. The Direct tune screen 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 radio main menu to open the corresponding waveband-specific submenu.
Select 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 of the selected programme type is displayed.
Select the desired station.

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

Update station lists
If the stations stored in the waveband-specific station list can no longer be received, the AM and the DAB station lists must be updated.

Note
The FM station list is updated automatically.
Select **Menu** in the radio main menu and then select **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 with five favourites each are available.

**Note**
The currently received station is highlighted.

**Storing a station**
If required, touch < or > to scroll to the desired favourite list.
To store the currently active radio station as a favourite, touch and hold the desired favourite button for a few seconds. The favourite button will be titled as the corresponding frequency or station name.

**Retrieving a station**
If required, touch < or > to scroll to the desired favourite list.
Select the desired favourite.

**Defining the number of available favourite lists**
To define the number of favourite lists displayed for selection, press 📘 and then select **Settings** on the screen.
Select **Radio** and then **Manage Favourites** to display the respective submenu.
Activate or deactivate the favourite lists to be displayed.

**Radio data system**
Radio data system (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 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 currently playing audio source is interrupted for the duration of the traffic announcement.

Activating the traffic programme function

Select Menu in 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 broadcast on the respective station, a message is displayed.
To interrupt the announcement and return to the function previously activated, touch the screen or press Ø.

Regionalisation

Sometimes RDS stations broadcast regionally different programmes on different frequencies.
Select Menu in 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

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 broadcast 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 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 72 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 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 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

This function enables switching from a DAB station to a corresponding FM station and vice versa.

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 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 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 DAB radio main menu and then select **Station List**.

To display the programme of the desired station, touch the icon next to the station.
External devices

General information
A USB port for the connection of external devices is located in the centre console.

Note
The USB port must always be kept clean and dry.

USB port
An MP3 player, USB device, SD card (via USB connector / adapter) or smartphone can be connected to the USB port.

Up to two USB devices can be connected to the Infotainment system at a time.

Note
For the connection of two USB devices, an external USB hub is required.

The Infotainment system can play audio files, show picture files or play movie files contained in USB 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 auxiliary devices 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 is connected, a corresponding error message appears and the Infotainment system automatically switches to the previous function.

To disconnect the USB device, select another function and then remove the USB device.
**External devices**

<table>
<thead>
<tr>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid disconnecting the device during playback. This may damage the device or the Infotainment system.</td>
</tr>
</tbody>
</table>

**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**
Devices 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 these devices.

**Connecting a device**
For a detailed description on how to establish a Bluetooth connection ⇒ 85.

**File formats and folders**
The maximum capacity of a device supported by the Infotainment system amounts to 2500 music files, 2500 picture files, 250 movie files, 2500 folders and 10 stages of folder structure. Only devices formatted in the FAT16 / FAT32 file system are supported.

If there are images included in the audio metadata, these images are displayed on the screen.

**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**
The playable audio file formats are MP3 (MPEG-1 Layer 3, MPEG-2 Layer 3), WMA, AAC, AAC+, ALAC OGG WAF (PCM), AIFF, 3GPP (audio only), Audio Books and LPCM. iPod® and iPhone® devices play ALAC, AIFF, Audio Books and LPCM.
When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

**Picture files**
The displayable picture file formats are JPG, JPEG, BMP, PNG and GIF.
JPG files must be 64 to 5000 pixels in width and 64 to 5000 pixels in height.
BMP, PNG and GIF files must be 64 to 1024 pixels in width and 64 to 1024 pixels in height.
The pictures should not exceed a file size of 1MB.

**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 76.
Usually, the respective audio main menu is displayed automatically.
If playback is not started automatically, e.g. if USB Auto Launch is deactivated 76, 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

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 track.

Touch  within the first two seconds of the track playing to return to the previous track.

Returning to the beginning of the current track
Touch  after two seconds of the track playing.

Fast forwarding and rewinding
Touch and hold  or . 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  to play the tracks in random order. The screen button changes to .
Touch  again to deactivate the shuffle function and go back to the normal playback mode.

Browse Music function
To display the browse screen, touch the screen. Alternatively, select Menu in 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.

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 76.
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. If this is stored within a folder, select the respective folder first.

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.

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

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 and select the desired time sequence.

Clock and temperature display
To display time and temperature 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.

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 ➕ 76.
Press ❓ and then select Gallery to open the media main menu.
Touch ⏪ to open the movie main menu to display a list of items stored on the USB device. Select the desired movie. If this is stored within a folder, select the respective folder first.
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 five seconds of the movie playing to return to the previous movie file.
Returning to the beginning of the current movie
Touch ◀ after five 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.

Display settings
Select Display Settings to open a submenu for adjustment of brightness and contrast.
Touch + or - to adjust the settings.

Using smartphone applications
The phone projection applications Apple CarPlay™ and Android™ Auto display selected apps from your smartphone on the Info Display 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 are 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 76.

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.
The phone projection screen displayed depends on your smartphone and software version.

Clock and temperature display
To display time and temperature in full screen mode, activate Clock. Temp. Display.
Returning to the home screen

Press 🏡.
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 operating instructions 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 of 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 function 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 function, 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 of 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 function 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 or other devices.
The pairing and connecting of the Bluetooth devices to the Infotainment system are carried out via the Bluetooth menu. Pairing is the PIN code exchange between the Bluetooth device and the Infotainment system.

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 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 operating instructions of the Bluetooth device.
2. Press † and then select Settings on the display. Select Bluetooth and then Device Management to display the respective menu.
Note
If no phone is connected, the Device Management menu can also be accessed via the phone menu: Press Phone 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 must 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.
Disconnecting a device
Press \( \text{Settings} \) 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 \( \text{Settings} \) and then select Settings.
Select Bluetooth and then Device Management to display the respective menu.
Select \( \text{E} \) next to the Bluetooth device. You are prompted with a message.
Select Yes to delete the device.

Device info
Press \( \text{Settings} \) 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 in all mobile phone networks; problems may occur 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 is still possible, e.g. taking a call or adjusting the volume.

After 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.

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

Phone main menu

Press 🔄 and then select Phone to display the respective menu.

Press 🔄 and then select Phone to display the respective menu.

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 🔄 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 🔄 85.

Press 🔄 and then select Phone.

Select Contacts in the phone main menu.

Note

The Phone main menu is only available if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description 🔄 85.

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.
**Note**
The symbol next to a phone number indicates that the contact is stored on the SIM card.

**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 screen 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.

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.

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 redialed.
Press \, select Phone and then select \.
To answer the call, select ✉.

Rejecting a call
To reject the call, select ☺.

Changing the ring tone
Press 📡 and then select Settings.
Select Bluetooth and then Ringtones to display the respective menu. A list of all paired devices is displayed.
Select the desired device. A list of all ringtones available for this device is displayed.
Select one of the ringtones.

Declaring the hands-free mode temporarily
To continue the conversation via the mobile phone, activate 📂.
To return to the hands-free mode, deactivate 📂.

Deactivating the microphone temporarily
To mute the microphone, activate 📤.
To reactivate the microphone, deactivate 📤.

Ending a phone call
To end the call, select ☺.

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

Voice mail number
Press 📡 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 📡 and then select Phone.
Select ☺ 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 W
- 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 W.

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 W for GSM 900 or 1 W 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.
# Index

| A | Activating Bluetooth music | 78 |
|   | Activating phone           | 88 |
|   | Activating radio           | 70 |
|   | Activating USB audio       | 78 |
|   | Activating USB movie       | 80 |
|   | Activating USB picture     | 79 |
|   | Audio files                | 76 |
|   | Auto volume                | 67 |

| B | Basic operation            | 64 |
|   | Bluetooth                  |   |
|   | Bluetooth connection       | 85 |
|   | Bluetooth music menu       | 78 |
|   | Connecting device          | 76 |
|   | General information        | 76 |
|   | Pairing                    | 85 |
|   | Phone                      | 88 |
|   | Bluetooth connection       | 85 |

| C | Call                       |   |
|   | Functions during a call    | 88 |
|   | Incoming call              | 88 |
|   | Initiating a phone call    | 88 |
|   | Ring tone                  | 88 |
|   | Call history               | 88 |
| Control elements            |   |
|   | Infotainment system        | 58 |
|   | Steering wheel             | 58 |
|   | Control elements overview  | 58 |

| D | DAB                        | 74 |
|   | Digital audio broadcasting | 74 |
|   | Displaying pictures        | 79 |
|   | Display settings           | 79, 80 |

| E | Emergency call             | 87 |

| F | Favourite lists            | 72 |
|   | Retrieving stations        | 72 |
|   | Storing stations           | 72 |

<p>| G | General information        | 76, 83, 84 |
|   | Bluetooth                  | 76 |
|   | DAB                        | 74 |
|   | Infotainment system        | 56 |
|   | Phone                      | 84 |
|   | Smartphone applications    | 76 |
|   | USB                       | 76 |</p>
<table>
<thead>
<tr>
<th>Page</th>
<th>Heading</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>Home menu</td>
</tr>
<tr>
<td>58</td>
<td>Infotainment control panel</td>
</tr>
<tr>
<td>74</td>
<td>Intellitext</td>
</tr>
<tr>
<td>67</td>
<td>Maximum startup volume</td>
</tr>
<tr>
<td>64</td>
<td>Menu operation</td>
</tr>
<tr>
<td>92</td>
<td>Mobile phones and CB radio equipment</td>
</tr>
<tr>
<td>76</td>
<td>Movie files</td>
</tr>
<tr>
<td>61</td>
<td>Mute</td>
</tr>
<tr>
<td>88</td>
<td>Operation</td>
</tr>
<tr>
<td>76</td>
<td>External devices</td>
</tr>
<tr>
<td>64</td>
<td>Menu</td>
</tr>
<tr>
<td>88</td>
<td>Phone</td>
</tr>
<tr>
<td>70</td>
<td>Radio</td>
</tr>
<tr>
<td>85</td>
<td>Pairing</td>
</tr>
<tr>
<td>84</td>
<td>Phone Bluetooth</td>
</tr>
<tr>
<td>85</td>
<td>Bluetooth connection</td>
</tr>
<tr>
<td>88</td>
<td>Call history</td>
</tr>
<tr>
<td>87</td>
<td>Emergency calls</td>
</tr>
<tr>
<td>88</td>
<td>Entering a number</td>
</tr>
<tr>
<td>88</td>
<td>Functions during a call</td>
</tr>
<tr>
<td>84</td>
<td>General information</td>
</tr>
<tr>
<td>88</td>
<td>Incoming call</td>
</tr>
<tr>
<td>88</td>
<td>Phone book</td>
</tr>
<tr>
<td>88</td>
<td>Phone main menu</td>
</tr>
<tr>
<td>88</td>
<td>Selecting the ring tone</td>
</tr>
<tr>
<td>88</td>
<td>Speed dial number</td>
</tr>
<tr>
<td>88</td>
<td>Phone book</td>
</tr>
<tr>
<td>81</td>
<td>Phone projection</td>
</tr>
<tr>
<td>76</td>
<td>Picture files</td>
</tr>
<tr>
<td>78</td>
<td>Playing audio</td>
</tr>
<tr>
<td>80</td>
<td>Playing movies</td>
</tr>
<tr>
<td>70</td>
<td>Radio Activating</td>
</tr>
<tr>
<td>74</td>
<td>Configuring DAB</td>
</tr>
<tr>
<td>72</td>
<td>Configuring RDS</td>
</tr>
<tr>
<td>74</td>
<td>DAB announcements</td>
</tr>
<tr>
<td>74</td>
<td>Digital audio broadcasting (DAB)</td>
</tr>
<tr>
<td>72</td>
<td>Favourite lists</td>
</tr>
<tr>
<td>72</td>
<td>Intellitext</td>
</tr>
<tr>
<td>72</td>
<td>Radio data system (RDS)</td>
</tr>
<tr>
<td>72</td>
<td>Regional</td>
</tr>
<tr>
<td>72</td>
<td>Regionalisation</td>
</tr>
<tr>
<td>72</td>
<td>Retrieving stations</td>
</tr>
<tr>
<td>67</td>
<td>TP volume</td>
</tr>
<tr>
<td>72</td>
<td>Storing stations</td>
</tr>
<tr>
<td>72</td>
<td>Usage</td>
</tr>
<tr>
<td>70</td>
<td>Radio data system</td>
</tr>
<tr>
<td>72</td>
<td>RDS</td>
</tr>
<tr>
<td>72</td>
<td>Regional</td>
</tr>
<tr>
<td>72</td>
<td>Regionalisation</td>
</tr>
<tr>
<td>72</td>
<td>Retrieving stations</td>
</tr>
<tr>
<td>72</td>
<td>Ring tone</td>
</tr>
<tr>
<td>88</td>
<td>Changing the ring tone</td>
</tr>
<tr>
<td>67</td>
<td>Ring tone volume</td>
</tr>
<tr>
<td>76</td>
<td>Smartphone</td>
</tr>
<tr>
<td>81</td>
<td>Phone projection</td>
</tr>
<tr>
<td>83</td>
<td>Speech recognition</td>
</tr>
<tr>
<td>88</td>
<td>Speed dial numbers</td>
</tr>
<tr>
<td>70</td>
<td>Station search</td>
</tr>
<tr>
<td>58</td>
<td>Steering wheel audio controls</td>
</tr>
<tr>
<td>72</td>
<td>Storing stations</td>
</tr>
<tr>
<td>67</td>
<td>System settings</td>
</tr>
<tr>
<td>57</td>
<td>Theft-deterrent feature</td>
</tr>
<tr>
<td>66</td>
<td>Tone settings</td>
</tr>
<tr>
<td>67</td>
<td>Touch beep volume</td>
</tr>
<tr>
<td>67</td>
<td>TP volume</td>
</tr>
</tbody>
</table>
U
Usage............................... 61, 70, 83
   Bluetooth................................... 76
   Menu......................................... 64
   Phone........................................ 88
   Radio......................................... 70
   USB........................................... 76
USB
   Connecting device.................... 76
   General information................... 76
   USB audio menu....................... 78
   USB movie menu...................... 80
   USB picture menu..................... 79
Using smartphone applications… 81

V
Voice recognition.......................... 83
Volume
   Auto volume.............................. 67
   Maximum startup volume.............. 67
   Mute function............................. 61
   Ring tone volume........................ 67
   Setting the volume.................... 61
   Speed compensated volume… 67
   Touch beep volume.................... 67
   TP volume.................................. 67
   Volume limitation at high
      temperatures.......................... 61
   Volume settings.......................... 67

W
Waveband selection......................... 70
General information
The Infotainment system provides you with state-of-the-art in-car infotainment. Using the FM, AM or DAB radio functions, you can play a great number of different radio stations. If desired, you can register stations on radio preset buttons.
You can connect external data storage devices to the Infotainment system as further audio sources, either via a cable or via Bluetooth®.
In addition, the Infotainment system is equipped with a Phone function that allows comfortable and safe use of your mobile phone in the vehicle. The Infotainment system can be operated using the control panel or the controls on the steering wheel.

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

Drive safely at all times when using the Infotainment system.
If in doubt, stop the vehicle before operating the Infotainment system.
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

Control panel
1. If switched off: short press: switch power on .................. 103
   If switched on: short press: mute system; long press: switch power off .................. 103
   Turn: adjust volume ............ 103

2. Preset buttons
   Short press: select favourites ......................... 109
   Long press: save radio stations as favourites ........ 109

3. AUDIO
   Short press: open menu for tone and volume settings ..................... 106

4. Short press: toggle through the different display modes .................. 103
   Long press: turn display off (while the sound remains active) ..................... 103

   Media: short press: select next or previous folder, genre, artist or playlist;
   long press: seek up or down ......................... 109
   " />
   Radio: short press: automatic station search for the previous or next station;
   long press: seek up or down ......................... 109
   Media: short press: select previous or next track; long press: fast forward or
   rewind ............................................. 113

6. Short press: confirm a setting or open a submenu . 105

7. Short press: display home page .......................... 105

8. BAND
   Short press: toggle between the wavebands ..... 109

9. Display

10. TA
   Short press: activate or deactivate traffic announcements ..................... 110
    Long press: open the TA settings ................................ 111

11. LIST
    Media: short press: display folders list; long press: display the track listing
    options ......................................... 113

12. BACK
    Menu: one level back ........... 105
    Input: delete last character or entire entry ..................... 121
13 SRC

- Short press: toggle between the audio sources. 109
- Long press: open phone menu if phone connected … 121

Steering wheel controls

1 SRC
Select audio source, confirm selection with ✓ ..... 103

2 Δ / ∨
Select next / previous preset radio station when radio active ....................... 109
or select next / previous track when media sources active .......................... 113

3 ✓
Confirm selection with ✓

4 ✗
Activate/deactivate mute function .............................. 103

5 ↑ / ↓
Turn upwards / downwards: increase / decrease volume

6 ✸
Take phone call .................. 121
or reject phone call ............. 121
or open call / contacts list ... 121

7 ✠
Activate voice pass-thru application ............................ 117

or select next / previous entry in call / contacts list when phone function active and call / contact list open ............................................ 121

Confirm selection with ✓
Usage

Control elements

The Infotainment system is operated via function buttons, navigation buttons and menus that are shown on the display.

Inputs are made optionally via:

- the control panel on the Infotainment system
- controls on the steering wheel

Switching the Infotainment system on or off

Press briefly. After switching on, the last selected Infotainment source becomes active.

Note

Some functions of the Infotainment system are only available if ignition is switched on or engine is running.

Press 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 a certain time.

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.

Speed compensated volume

When the automatic volume function is activated, the volume is adapted automatically to make up for the road and wind noises as you drive.

Mute function

Press on the steering wheel to mute the audio sources.

To cancel the mute function, press again.

Changing the display mode

There are three different display modes available:

- full screen display
- splitted display with time and date information shown on the left side of the screen
- black display

Repeatedly press to toggle between full screen display mode and splitted display mode.

Press and hold to turn the display off while the sound remains active. Press again to reactivate the display.
Introduction

Modes of operation

Radio
Repeatedly press BAND to toggle between the different wavebands and select the desired waveband.
For a detailed description of the radio functions ▷ 109.

USB port
Repeatedly press SRC to toggle between the different audio sources and select USB mode.
For a detailed description on connecting and operating external devices ▷ 113.

Bluetooth music
Repeatedly press SRC to toggle between the different audio sources and select Bluetooth music mode.
For a detailed description on connecting and operating external devices ▷ 115.

Phone
Before the phone function can be used, a connection to a Bluetooth device has to be established. For a detailed description ▷ 119.
Press MENU to display the home page. Select Telephone by pressing 〈 and 〉 and then press OK to confirm. The phone menu is displayed.
For a detailed description of mobile phone operation via the Infotainment system ▷ 121.
Basic operation

Basic operation

OK button
Press OK:
- to confirm or activate the selected option
- to confirm a set value
- to activate or deactivate a function
- to open a menu

BACK button
Press BACK:
- to exit a menu
- to return from a submenu to the next higher menu level

Examples of menu operation
Selecting an option
Press Q, P, N or O to move the cursor (= coloured background) to the desired option.
Press OK to confirm the selected option.

Activating a setting
Press ⬆, ⬇, ‹ or › to select the desired setting.
Press OK to activate the setting.

Setting a value
Press ‹ or › to select the current value of the setting.
Press OK to confirm the selection.
Press ‹ or › to adjust the desired value.
Press OK to confirm the set value.
The cursor then switches to the value of the next setting. To switch to the value of another setting, press ▲, ▼, ‹ or ›. If the values of all settings are set, select OK on the display and press OK.

Adjusting a setting

Select the desired setting and press OK.
Press ‹ or › until the setting is adjusted as desired.
Select OK on the display and press OK to confirm the setting.

Entering a character sequence

To enter character sequences, e.g. telephone numbers:
Press ‹ or › to select the desired character.
Press OK to confirm the selected character.
The last character in the character sequence can be deleted by selecting Correct on the display and pressing OK.
To change the position of the cursor in the character sequence already entered, select the character sequence and press ‹ or › to move the cursor to the desired position.
To confirm the character sequence, press ▼ to select OK on the display and then press OK.

Tone and volume settings

In the tone and volume settings menu, the tone characteristics and volume settings can be adjusted.
The settings on page 1 can be set individually for each audio source.
The settings on page 2 are set for all audio sources.
Press AUDIO to open the tone and volume settings menu.

Press AUDIO again to display the second tone and volume settings page. Alternatively, select Other settings....

Sound adjustment

To change the sound of the Infotainment system, select a tone style or adjust the tone characteristics manually.
Basic operation

Tone style
To activate a tone style, select **Ambience**. To toggle between the different tone styles, repeatedly press < or >.

If the tone style is set to **Personalised**, **Bass** and **Treble** can be set manually.

Bass and treble
To enhance or attenuate the deep frequencies, select **Bass**.
To enhance or attenuate the high frequencies, select **Treble**.
Repeatedly press < or > to adjust the settings.

**Note**
If the settings of **Bass** or **Treble** are adjusted, the tone style is set to **Personalised**.

Loudness
The Infotainment system has a loudness compensation function for better sound quality at low volume levels. It is set to **Active** by default.

To change the loudness setting, select **Loudness**. Press < or > to toggle between the settings **Active** and **Inactive**.

Volume distribution
The volume distribution within the passenger compartment can be optimised for the driver or for all passengers.
Select **Distribution**. Press < or > to toggle between the settings **Driver** and **All passengers**.
If **Driver** is selected, the volume balance is automatically optimised for the driver.
If **All passengers** is selected, the volume distribution between left and right in the passenger compartment can be set manually.
Select **Balance**. Repeatedly press < to move the point of the highest sound level to the left or > to move the point of the highest sound level to the right.

Automatic volume adjustment
The volume of the Infotainment system can be adjusted automatically according to the speed of the vehicle.
Select **Auto. volume**. Press < or > to toggle between the settings **Active** and **Inactive**.

System settings
Configuring the system
Open the settings menu to perform some basic system configurations, e.g.:
- Adjust the display of units for temperature or fuel consumption
- Change the display language
- Adjust date and time

Changing display language
Press **MENU** and then select **Personalisation-configuration**.
Select **Display configuration** and then select **Choice of language**.
Basic operation

To adjust the language for the menu texts, select the desired language and press OK.

Adjusting time and date
Press MENU and then select Personalisation-configuration. Select Display configuration and then select Date and time adjustment.

Changing the time format
To change the time format, select 12h or 24h and press OK.

Setting time and date
By default the displayed time and date is automatically adjusted by the system.
To manually adjust the displayed time and date:
Select the value of the desired settings, e.g. Day and press OK.

Press \ or \ to set the desired value and press OK to confirm.
To confirm the set date and time, select OK on the display.

Adjusting the screen
Press MENU and then select Personalisation-configuration.
Select Display configuration and then select Display personalisation.

Text scroll function
If long texts on the screen should be scrolled automatically, activate Auto. scrolling long texts.

Select OK on the display.
If Auto. scrolling long texts is deactivated, long texts are truncated.

Adjusting the brightness
In the Brightness section, select + or - to increase or decrease the brightness of the screen.
Press OK to confirm and then repeatedly press OK to adjust the brightness to the desired level.
To confirm the brightness adjustment, select OK on the display.

Adjusting the units for temperature and fuel consumption
Press MENU and then select Personalisation-configuration.
Select Display configuration and then select Choice of units.
Select the desired unit and press OK.

Select OK on the display.
Radio

Usage ........................................ 109
Station search ............................ 109
Radio data system ..................... 110
Digital audio broadcasting ......... 111

Usage
Repeatedly press BAND to toggle between the different wavebands. Select the desired waveband.
As an alternative, repeatedly press SRC to toggle between all audio sources and select the desired waveband.

The station last selected in the respective waveband is played.

Station search

Automatic station search
Press ‹ or › to play the previous or next station in the station memory.

Manual station search
Press and hold ‹ or ›. Release when the required frequency has almost been reached.

Station tuning

Press or press and hold ▲ or ▼ to set the desired frequency manually.

Stations lists

The stations received best in the location you are in are stored in the waveband-specific stations list.

Displaying the stations list
Press LIST to display the stations list of the waveband currently active.
Scroll through the list and select the desired station.

Note
The station currently playing is marked with ▶.

Updating the stations list
Press and hold LIST until a message indicating the update process is displayed.
The stations list is updated.
Radio

Preset buttons
The six favourite radio stations of each waveband can be stored on preset buttons. When pressing one of the preset buttons, the favourites page is displayed.

Note
The station currently playing is marked with ►.

Storing preset stations
To store a station to a preset button, activate the desired waveband and station. When the station is playing, press and hold one of the preset button 1...6 on which the desired station is to be stored.

The station name or frequency is displayed next to the respective favourite on the screen.

Retrieving preset stations
To retrieve a station stored as a favourite, press the respective preset button 1...6.

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

Alternative frequencies
If the FM signal of a station is too weak to be picked up by the receiver, the Infotainment system can automatically tune to an alternative FM frequency to continue the programme.

Activate the FM waveband and then press OK to display the waveband menu. Activate RDS.

If RDS alternative frequency search is activated, RDS is displayed in the top line of the screen. If a station is not an RDS station, RDS is crossed out.

Note
This function can also be changed via the multimedia menus. Press MENU and then select Multimedia.

Radio text
Radio text contains additional information broadcasted by the radio stations, e.g. station name, title or artist of the song currently playing, news information etc.

Activate the FM waveband and then press OK to display the waveband menu. Activate RadioText.

If the radio text function is activated, TXT is displayed in the top line of the screen. If a station does not support the radio text function, TXT is crossed out.

Note
This function can also be changed via the multimedia menus. Press MENU and then select Multimedia.
Traffic announcements (TA)

Radio traffic service stations are RDS stations that broadcast traffic news. If this function is activated, only traffic service stations are searched for and played.

Radio and media playback is interrupted for the duration of the traffic announcements.

To activate or deactivate the traffic announcement standby facility of the Infotainment system, press TA. A corresponding message is displayed confirming your action.

If traffic announcements are activated, TA is displayed in the top line of the screen. If a station is not a radio traffic service station, TA is crossed out.

Digital audio broadcasting

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.
- 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 best receivable FM stations. If TA 110 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TA if DAB reception should not be interrupted by FM traffic announcements.

Alternative frequencies

If the DAB signal of a service is too weak to be picked up by the receiver, the Infotainment system can automatically tune to an alternative FM frequency to continue the programme.

Activate the FM waveband and then press OK to display the waveband menu. Activate DAB FM tracking.
Note
This function can also be changed via the multimedia menus. Press **MENU** and then select **Multimedia**.

If DAB FM automatical tracking is activated, **DAB FM** is displayed in the top line of the screen. If a station does not support this function, **DAB FM** is crossed out.

**DAB station details**

Activate the FM waveband and then press **OK** to display the waveband menu.

Select **DAB details** to display detailed information on the DAB station currently playing.
USB port

General information
In the centre console, there is a USB socket for the connection of external audio data sources.

Note
The socket must always be kept clean and dry.

Connecting a USB device
An MP3 player, USB device or SD card (via USB connector / adapter) can be connected to the USB port. A USB hub is not supported. If required, use the appropriate connection cable.

Note
Not all auxiliary devices are supported by the Infotainment system. Check the compatibility list on our website.

When connected to the USB port, various functions of the above devices can be operated via the controls and menus of the Infotainment system.

The Infotainment system automatically creates playlists upon connection.

Disconnecting a USB device
Press SRC to select a different audio source and then remove the USB storage device.

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

File formats
The audio equipment supports different audio file formats.

Playing saved audio files
Activating the USB music function
If the device is not yet connected to the Infotainment system, connect the device 113.

The Infotainment system automatically switches to USB music mode.
If the device is already connected, repeatedly press SRC to change to USB music mode. Playback of the audio tracks starts automatically.

Function buttons

Playing the next or previous track
Press › to play the next track.
Press ◀ to play the previous track.

Fast forwarding and rewinding
Press and hold ◀ or ›. Release to return to normal playback mode.

Playing the next or previous folder/artist/playlist
Press ▶ to play the next folder, artist, album, or playlist depending on the track listing options.

Press ▲ to play the previous folder, artist, album, or playlist depending on the track listing options.

Browse menu
Using the browse menu, you can search for a track via categories.

Browse function
To display the browse list, press LIST. The tracks are sorted in categories of folders, genres, artists, and playlists.
Select the desired categories and choose a track. Select the track to start playback.

Choice of track listing
Press and hold LIST to display a selection menu. Scroll through the list and select the desired track listing option. The browse menu is changed accordingly.

Note
Depending on the metadata stored on the device, not all track listing options may be available.

Note
This function can also be changed via the multimedia menus. Press MENU and then select Multimedia.

USB music menu
In the USB music menu, you can set the play mode for the tracks on the device connected.
Activate the USB music mode and then press OK to display the USB music menu.
Activate the desired play mode.

Normal: The songs of the album, folder or playlist chosen are played in the usual order.

Random: The songs of the album, folder or playlist chosen are played in random order.

Random all: All tracks stored on the device connected are played in random order.

Repeat: The album, folder or playlist chosen is played repeatedly.
Bluetooth music

General information

Connecting a Bluetooth device
Bluetooth enabled audio sources (e.g. music mobile phones, MP3 players featuring Bluetooth, etc.) can be connected wirelessly to the Infotainment system.
The external Bluetooth device must be paired to the Infotainment system.
If the device is paired but not connected to the Infotainment system, establish the connection via the Connections management menu:
Press MENU and then select Connections. Select Connections management and then choose the desired Bluetooth device to enter a submenu.
To serve as audio source, the device must be connected as media player.
Select Connect media player or Connect telephone + media player as desired. The device is connected.

Disconnecting a Bluetooth device
Press MENU and then select Connections. Select Connections management and then choose the desired Bluetooth device to enter a submenu.
Select Disconnect media player to disconnect the device only as Bluetooth audio source. In this case, the connection for the telephone function remains active.
To completely disconnect the device, select Disconnect telephone + media player.
Select Yes in the message and press OK.

Operation

Activating the USB music function
If the device is not yet connected to the Infotainment system, connect the device.
The Infotainment system automatically switches to Bluetooth music mode.
If the device is already connected, repeatedly press SRC to change to Bluetooth music mode.
If music playback does not start automatically, it may be required to start the audio files from the Bluetooth device.

Function buttons

Playing the next or previous track
Press ‹ to play the next track.
Press › to play the previous track.
Speech recognition

General information ................. 117
Usage ....................................... 117

General information
The voice pass-thru application of the Infotainment system allows access to Siri. See your smartphone manufacturer’s operating instructions to find out whether your smartphone supports this feature.

In order to use the voice pass-thru application, the smartphone must be connected via Bluetooth 119.

Usage
Activating speech recognition
Press and hold on the steering wheel until a speech recognition session is started.

Adjusting the volume of voice prompts
Turn on the control panel or press the volume button on the steering wheel upwards (increase volume) or downwards (decrease volume).

Deactivating speech recognition
Press on the steering wheel. The speech recognition session is ended.
General information
The Phone function 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 function, the mobile phone must be connected to the Infotainment system via Bluetooth. Not all functionalities of the Phone function are supported by every mobile phone. The possible functionalities 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 function is certified by the Bluetooth Special Interest Group (SIG).

You will 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. a telephone with other devices. Data such as a telephone book, call lists, the network operator’s name, and field strength can be transferred. The functionality can be restricted depending on the telephone type.

Pairing a Bluetooth device

Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions for the Bluetooth device.

Press MENU, select Connections and press OK.

Select Search for a device and press OK. As soon as the device is detected, the list Devices detected is displayed.

- If SSP (secure simple pairing) is supported: Confirm the messages on the Infotainment system and the Bluetooth device.
- If SSP (secure simple pairing) is not supported: On the Infotainment system: a 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.

The device is automatically connected. In the top line of the display, the Bluetooth symbol is changed: The X of the symbol is suppressed and N is shown.

Note

Your mobile phone book will be downloaded automatically. The presentation and order of the telephone book entries may be different on the Infotainment system’s display and the mobile phone’s display.

If the Bluetooth connection has been successfully performed: in case another Bluetooth device had been connected to the Infotainment system, this device is now disconnected from the system.

If the Bluetooth connection failed: start the procedure described above again or consult the operating instructions for the Bluetooth device.

Connecting another paired device

Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions for the Bluetooth device.

Press MENU, select Connections and press OK.

Select Connections management and press OK. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.
Note
The Bluetooth device currently connected to the Infotainment system is indicated by ¥.

To establish the connection, select the desired device and press OK.

Disconnecting a device
Press MENU, select Connections and press OK.
Select Connections management and press OK. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

Note
The Bluetooth device currently connected to the Infotainment system is indicated by ¥.

Select the desired device and press OK to confirm.
To remove the paired device, select Delete connection and press OK.

Emergency call

Warning
Connection setup cannot be guaranteed in all situations. For this reason, do not rely exclusively on a mobile phone when a vitally important communication (e.g. a medical emergency) is concerned.

On 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 in all mobile phone networks; problems may occur 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 Bluetooth connection has been set up between your mobile phone and the Infotainment system, you can also operate many functions of your mobile phone via the Infotainment system.

Via the Infotainment system, you can, e.g. set up a connection to the telephone numbers stored in your mobile phone or change the telephone numbers.

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 several minutes depending on the phone model. During this period, operation of the mobile phone is possible via the Infotainment system only to a limited extent.

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

Initiating a phone call
Entering a number manually
Press MENU, select Telephone and then select Call.
Select Dial.
Enter the desired number: Select the desired digits and confirm each digit with OK.
To start dialling, select OK on the display.

Using the phone book
The phone book contains contact names and numbers.
Press MENU and then select Telephone.
Select Call and then select Directory.
To start dialling, scroll through the list and select the desired entry name.

Using the call list
All incoming, outgoing, or missed calls are registered in the call list.
Press MENU and then select Telephone.
Select Call and then select Calls list.
To start dialling, scroll through the list and select the desired entry.

**Sending contacts from a mobile device to the Infotainment system**

With certain telephones connected by Bluetooth, you can send a contact to the directory of the Infotainment system. Contacts imported this way are saved in a permanent directory visible to all, irrespective of the telephone connect.

To enter this directory, press MENU and then select Telephone.

Select Directory management.

The menu for this directory is not accessible if it is empty.

**Putting incoming calls automatically on hold**

For safety reasons the Infotainment system can put all incoming calls on hold by default.

To activate this function, press MENU and then select Telephone.

Select Telephone management and then select Telephone parameters.

To activate the Automatic on hold function, press OK.

**Incoming phone call**

If an audio mode, e.g. the radio or CD mode, is active at the time of an incoming call, the relating audio source will be muted and stay muted until the call ends.

To answer the call, select Yes in the message shown in the display.

To reject the call, select No in the message shown in the display or press and hold G on the steering wheel.

To put an incoming call on hold, select On hold in the message shown in the display.

**Second incoming phone call**

If a second phone call comes in during an ongoing call, a message is displayed.

To answer the second call and end the ongoing call: select Yes in the message shown in the display.

To reject the second call and continue the ongoing call: select No in the message shown in the display.

**Functions during a phone call**

During an ongoing phone call, you can use the functions of the contextual menu.

Press OK to open the contextual menu.

To end the call, select Hang up.

To switch off the microphone, activate Micro OFF. To switch the microphone on, deselect Micro OFF.
To transfer the call to the telephone (for example to leave the vehicle while continuing the conversation), activate **Telephone mode**. To transfer the call to the Infotainment system, deselect **Telephone mode**.

To put the call on hold, select **On hold** during an ongoing call. If a call has been put on hold, the menu item **On hold** changes to **Resume**. To return to a call put on hold, select **Resume**.

To switch between two calls, select **Switch**.

**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 handsfree 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 handsfree 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 handsfree 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.
Index

A
Activating Bluetooth music........ 115
Activating the Infotainment system......................................................... 103
Activating the radio.................. 109
Activating the USB function........ 113
Adjust time and date............... 107
Automatic volume adjustment..... 106
Auto volume............................. 106

B
Balance.................................. 106
Basic operation.......................... 105
Bass.................................... 106
Blocking out traffic announcements............................................. 110
Bluetooth
Bluetooth connection.................. 119
Bluetooth music.......................... 115
Phone.................................. 121
Bluetooth connection............. 119
Bluetooth music
Activating.................................. 115
General information.................. 115
Operation.................................. 115
Prerequisites.......................... 115

C
Call
Functions during a call............. 121
Incoming call.......................... 121
Initiating a phone call............. 121
Call lists................................. 121
Change display language............ 107
Control elements
Infotainment system.................. 100
Phone.................................. 118
Steering wheel......................... 100
Control elements overview........ 100

D
DAB........................................ 111
Date
adjust.................................. 107
Digital audio broadcasting............ 111
Display
activate automatic scrolling........ 107
adjust brightness.................... 107
adjust units for temperature and fuel consumption.. 107
change language..................... 107
Distribution.......................... 106
Dynamic audio adaption............. 111

E
Emergency call.......................... 120
Equaliser................................. 106
### F
- Factory default settings.............. 107

### G
- General information... 113, 115, 117, 118
  - Bluetooth music ......................... 115
  - Infotainment system.................. 98
  - Phone...................................... 118
  - USB port.................................. 113

### I
- Infotainment control panel.......... 100

### M
- Menu operation......................... 105
  - Mobile phones and CB radio equipment ... 123
  - Mute. ...................................... 103

### O
- Operation............................ 115, 121
  - Bluetooth music....................... 115
  - Infotainment system................. 103
  - Menu...................................... 105
  - Phone...................................... 121
  - Radio..................................... 109
  - USB port.................................. 113

### P
- Personal settings...................... 107
- Phone
  - Activating.............................. 121
  - Bluetooth............................... 118
  - Bluetooth connection................. 119
  - Call lists.............................. 121
  - Control elements..................... 118
  - Dialling a number................... 121
  - Emergency calls........................ 120
  - Functions during a call............. 121
  - General information.................. 118
  - Important information................ 118
  - Incoming call.......................... 121
  - Phone book................................ 121
  - Selecting the ring tone............. 121
  - Phone book................................ 121
  - Playing saved audio files........... 113

### R
- Radio
  - Activating.............................. 109
  - Band selection........................ 111
  - Configuring DAB....................... 111
  - Digital audio broadcasting (DAB)... 111
  - Dynamic audio adaption.............. 111
  - Radio data system (RDS).............. 110
  - Radio traffic service................ 110
  - Selecting the waveband............. 109

- Traffic announcements............. 110
- Usage...................................... 109
- Radio data system................. 110
- Radio traffic service............. 110
- RDS........................................ 110
- Ring tone
  - Selecting the ring tone........... 121

### S
- Selecting the waveband............. 109
- Sound..................................... 106
- Speech recognition................... 117
- Station search.......................... 109
- Switching the Infotainment system on................. 103
- Switching the radio on.............. 109
- System settings...................... 107

### T
- Theft-deterrent feature .......... 99
- Time
  - adjust.................................. 107
- Tone and volume settings........ 106
- Traffic announcements......... 110
- Treble.................................... 106

### U
- Update software..................... 107
- Usage...................................... 103, 109, 117
Bluetooth music ....................... 115
Infotainment system ............... 103
Menu .................................... 105
Phone ................................... 121
Radio ................................... 109
USB port ................................. 113
USB menu ............................... 113
USB port
Activation .............................. 113
Connecting the USB device .... 113
General information ............... 113
Important information .......... 113
Operation .............................. 113
Removing the USB device..... 113
USB menu ............................... 113

V
Voice recognition ..................... 117
Volume
Mute function ........................ 103
Setting the volume .................. 103