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Introduction

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 register a great number of stations on various favourites pages.

You can even register music tracks, telephone numbers, destination addresses or tone settings on the favourites pages.

The integrated 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 is equipped with a Phone portal that 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.
## 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.

⚠️ **Warning**

The usage of the navigation system does not release the driver from the responsibility for a correct, vigilant attitude in road traffic. The related traffic regulations must always be followed.

Only make entries (e.g. addresses) with the vehicle stationary. If a navigation instruction contradicts traffic regulations, the traffic regulations always apply.

### 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.

### 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

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

Control elements overview

Centre display with controls
<p>| | | |</p>
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<tbody>
<tr>
<td><strong>1</strong></td>
<td><img src="image" alt="Power Button" /></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td></td>
<td>If switched off: short press: switch power on</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If switched on: short press: mute system; long press: switch power off</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Turn: adjust volume</td>
<td></td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Display/touch screen</td>
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<tr>
<td><strong>3</strong></td>
<td>Home screen (configurable)</td>
<td></td>
</tr>
<tr>
<td><strong>4</strong></td>
<td>MENU</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Turn: mark screen buttons or menu items; scroll through a list of menu items; change a settings value</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Press: select/activate a marked screen button or menu item; confirm set value; switch to a different settings option; open application-specific submenu (if available)</td>
<td></td>
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<tr>
<td><strong>5</strong></td>
<td><img src="image" alt="Home Button" /></td>
<td></td>
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<tr>
<td></td>
<td>Press: display Home screen</td>
<td></td>
</tr>
<tr>
<td><strong>6</strong></td>
<td>BACK</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Press: return to previous screen/menu</td>
<td></td>
</tr>
<tr>
<td><strong>7</strong></td>
<td><img src="image" alt="Radio Forward Button" /></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Radio: short press: skip to next station; long press: seek up</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CD player / External devices: short press: skip to next track; long press: fast forward</td>
<td></td>
</tr>
<tr>
<td><strong>8</strong></td>
<td><img src="image" alt="Eject Button" /></td>
<td></td>
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<tr>
<td></td>
<td>Press: eject disc</td>
<td></td>
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<tr>
<td><strong>9</strong></td>
<td><img src="image" alt="Radio Backward Button" /></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Radio: short press: skip to previous station; long press: seek down</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CD player / External devices: short press: skip to previous track; long press: fast rewind</td>
<td></td>
</tr>
<tr>
<td><strong>10</strong></td>
<td>MEDIA</td>
<td></td>
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<tr>
<td></td>
<td>Press: activate CD player or external device</td>
<td></td>
</tr>
<tr>
<td><strong>11</strong></td>
<td>RADIO</td>
<td></td>
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<tr>
<td></td>
<td>Press: activate radio or change waveband</td>
<td></td>
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<tr>
<td><strong>12</strong></td>
<td>CD slot</td>
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Steering wheel controls

1 ⏰
Short press: take phone call . 71
or activate speech recognition ......................... 63
or interrupt a prompt and speak directly ................. 63
Long press: activate voice pass-thru (if supported by phone) ................ 63

2 ⌚
Press: end/decline call ........ 71
or deactivate speech recognition ......................... 63
or activate/deactivate mute function ................... 12

1 ⌚
Press: display menu for application selection;
return to next higher menu level on the Driver Information Centre (see images below)

For a description of all other controls, see Owner's Manual.
2  ✔ / ▲
Short press: select menu item on the Driver Information Centre
Long press: fast-scroll through a long contacts list on the Driver Information Centre

3  ✔
Press: confirm selection on the Driver Information Centre

4  >
Press: display application-specific main menu on the Driver Information Centre

5  ╨ / ╨ ................................. 12
Press upwards: increase volume
Press downwards: decrease volume

6  ☐ / ☐
Radio: press to select next / previous favourite on the Driver Information Centre ................................. 18
Media: press to select next / previous track on the Driver Information Centre ...... 40
The uplevel Driver Information Centre enables switching between two different display modes (themes), Tour and Sport.

The image above shows the Tour theme (for changing the display theme, see Owner's manual).

**Usage**

**Switching Infotainment system on/off**

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

**Automatic switch-off**

If the Infotainment system is switched on by pressing while the ignition is switched off, it switches off again automatically after 10 minutes.

**Setting the volume**

Turn .

The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume 26.

**Auto volume**

When Auto volume is activated 26, the volume is adapted automatically to compensate for the road and wind noise while driving.

**Mute**

Briefly press to mute the audio sources.

To cancel mute again: turn or press it briefly.

**Modes of operation**

**Radio**

Repeatedly press RADIO to activate the radio mode or to change between the different wavebands.

For a detailed description of the radio functions 31.

**CD player**

Repeatedly press MEDIA to activate the CD player.

For a detailed description of the CD player functions 36.

**External devices**

Repeatedly press MEDIA to activate the playback mode for a connected external device (e.g. USB device or smartphone).

For a detailed description on connecting and operating external devices 39.

**Navigation**

Press to display the Home screen.

Select NAV to display the navigation map showing the area around the current location.

For a detailed description of the navigation functions 44.

**Phone**

Before the phone portal can be used, a connection must 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 68.

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

For a detailed description of mobile phone operation via the Infotainment system 71.

**Phone projection**

To show specific apps of your smartphone display on the Infotainment system, connect your smartphone.

Press  and then 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 42.
Basic operation

The centre display has a touch-sensitive surface that allows direct interaction with the screen.

 '>' screen button
To return to the next higher menu level, select ‘>’.

Exit screen button
To leave the menu currently active, select Exit.

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.

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

Moving items
Basic operation

Touch and hold the element you wish to move until frame marks 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  on the control panel to exit edit mode.

**Note**
In subsequent chapters, the operating steps for moving a screen element via the touch screen will be described as "...drag the...icon to..." or "...drag the...menu item to...".

### 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 and at the bottom of the scroll bar.

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

- In alphabetically ordered lists, touch the respective letter in the vertical keyboard. The list jumps to the corresponding location within the list.

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

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

Home screen

The Home screen is shown on the centre display.
All applications installed may be accessed from the Home screen.
To personalise the Home screen, drag the icon you wish to move to its new position. Release the icon to drop it in the respective location. Press  on the control panel to exit edit mode.

Application tray

The application tray is located in the top centre of the screen and accessible from all main menus.
Three to five application icons may be stored in the application tray.
Some application icons dynamically adapt to the current situation, e.g. indicating that you missed a phone call.
The application tray can be personalised by moving items into and out of the application tray area.

Interaction selector bar

The interaction selector bar is located at the bottom of the screen and accessible from all main menus.

Via the interaction selector bar, you may change the different views within one application or perform application-specific actions, e.g. start a speech recognition session.
To display the interaction selector bar when it is not shown on the display, select  at the bottom of the screen.
Messages

In the case of a system event, before the execution of a system function, or due to an outside trigger, e.g. incoming phone call, you may be prompted with a message. Select one of the available options. If ignored, most of the messages are dismissed automatically after a certain period of time. Alerts that are not dismissed automatically remain on the screen until they are acknowledged or the trigger becomes invalid.

Keyboards

Keyboard

Letter keyboard:

Symbol keyboard:

Depending on the application or function currently active, the keyboard menu is displayed differently.

To switch to the symbol keyboard, select Sym.

To switch to the letter keyboard, select ABC.

Entering characters

To enter a character, touch the respective screen button. The character is entered on 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 confirm your input, select the respective confirmation screen button.

**Autocomplete function**
If a character sequence has been entered once, it is stored within the system and may be recalled by the autocomplete function.

As soon as one character (letter or digit) is entered, the autocomplete function becomes active. Every additional character entered is considered in the matching process, reducing the list of autocomplete matches.

Select ✅ next to the characters entered to display a list of all autocomplete matches.

**Note**
Above the ✅ screen button, the number of available options is displayed. It changes according to the number of matches found.

Select the respective list item. The keyboard is redisplayed with the respective list entry shown in the entry field.

**Editing text**
To place the cursor, touch the respective position within the text. Enter your changes.

Depending on the application, select × to delete one entered character. Touch and hold × to delete all characters.

Select the respective confirmation screen button to confirm an input.

**Mixed case characters**
In most cases, only capital letters may be entered.

If mixed case character recognition is available, an additional **Shift** screen button is displayed.

To activate the shift function and capitalise one letter, select **Shift**.

The function is automatically deactivated after one letter has been entered.

**Keypad**
If only a number or PIN code have to be entered, a keypad is displayed. Depending on the application or function currently active, the keypad menu is displayed differently.

For a detailed description of how to enter characters and change entered text, see above.

**Favourites**
A range of different information may be stored as favourites, e.g.:

- radio stations
- music tracks
Basic operation

- albums or artists
- telephone numbers
- destinations and routes
- POIs
- contact entries
- tone settings
- Home screen applications

If a favourite location is occupied, the favourite screen button displays the label text of the respective favourite. If a favourite location is empty, the position number of the favourite location (1 to 60) is indicated.

Displaying favourites
The favourites list is accessible from all menus.
To display one row of favourites when no interaction selector bar is shown at the bottom of the screen:
Select ▲.

To display one row of favourites when an interaction selector bar is shown on the screen:
Place your finger on the interaction selector bar and move it upwards until one row of favourites becomes visible.

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

To display three rows of favourites, drag the favourites list up further.

60 individual favourite locations are available, displayed as five favourites per row.
They can be displayed in a one-row view or in a three-row view.
Basic operation

Scrolling through favourites pages

The favourites page is visible in the one row or the three row view. To scroll through the favourites pages, place your finger anywhere on the favourites page and move it left or right.

The next or previous page of favourites is displayed.

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

When reaching the beginning or the end of the favourites pages, the whole list is wrapped.

Note
At the bottom of the screen, indication marks designate how many favourites pages may be accessed and which page is currently displayed. The number of indication marks adapts to the view chosen (more pages in one-row view, less pages in three-row view).

Storing favourites

Favourites may be stored from the Home screen, the audio application, the navigation application or the phone application.

Reveal the favourites list and scroll to the respective favourites page.

Touch and hold the respective favourite screen button.

If there is only one storable item on the screen, a beeping sound is given out and the item is stored to the respective screen button.

If there is more than one storable item on the screen, the favourites page is minimised and the previously shown menu is redisplayed. Select the item you wish to store as a favourite. A beeping sound is given out and the item is stored to the respective screen button.

A few examples for storing favourites are given below.

Example: Radio station
Repeatedly press RADIO to activate the radio function and the desired waveband.

Seek for the station you wish to store as a favourite 31.

To store this station as a favourite, reveal the favourites list and scroll to the respective favourites page.

Touch and hold the respective favourite screen button until a beep sounds. The station is stored as a favourite.

Example: Album
Repeatedly press MEDIA and select the desired audio source.

Select BROWSE to activate the browse menu and then select ALBUMS 40.

To store one of the albums as a favourite, reveal the favourites list and scroll to the respective favourites page.

Touch and hold the respective favourite screen button. The favourites page is minimised and the list of albums is redisplayed.

Select the album you wish to store as a favourite. The selected album is stored as a favourite.
Example: Destination
Press  to display the Home screen and then select NAV.
Select DESTINATION, select RECENT in the interaction selector bar and then touch the desired destination from the list 51.
To store the address as a favourite, reveal the favourites list and scroll to the respective favourites page.
Touch and hold the respective favourite screen button. The selected address is stored as a favourite.

Example: Telephone number
Press  to display the Home screen and then select PHONE.
Select KEYPAD and enter the number you wish to call 71.
To store this number as a favourite, reveal the favourites list and scroll to the respective favourites page.
Touch and hold the respective favourite screen button. The number is stored as a favourite.

Retrieving favourites
Display a favourites page (see above) and scroll to the desired favourites page (if necessary).

Note
Unavailable favourites are greyed out.
Select the respective favourite screen button. Depending on the kind of favourite selected, a radio station or track is played, a phone call is initiated, a route is calculated or an application is started.

Note
The active favourite is highlighted.

Using the right-hand steering wheel remote control
Repeatedly press or to select the desired audio favourite.
Alternatively, press to display the cluster menu for application selection. Select Audio and then Favourites. Select the desired favourite.

Editing favourites
Select SETTINGS on the Home screen, Radio and then Manage Favourites. A three-row view of the favourites list is displayed with the editing options shown in the interaction selector bar.

Renaming favourites
Scroll to the respective favourites page.
Select the favourite you wish to edit.
Select RENAME.
Basic operation

A keyboard opens up with the current favourite label text displayed in the entry field as well as in the label preview area.
Enter the new label text and select **Save**. You are returned to the favourites page.
Select ▲ at the bottom of the screen to reveal the interaction selector bar and then select **DONE** to return to the settings menu.

Deleting favourites
Scroll to the respective favourites page.
Select the favourite you wish to delete.
Select **DELETE**. The favourite and all associated data are deleted.
Select **DONE** to return to the settings menu.

Moving favourites
Scroll to the respective favourites page.
Drag the favourite you wish to move to its new position.

To store a favourite in a location beyond the favourites page currently visible, drag it to the < or > symbols on top of the favourites page. The list starts scrolling. To stop scrolling, navigate back to the favourites page area.
Select **DONE** to confirm the action and return to the settings menu.

Defining the number of favourites shown
Press ☰ and then select **SETTINGS**. Select **Radio** and then **Number of Favourites Shown**.

Activate the desired number of favourites to be displayed.

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

Contacts
Two different types of contacts lists may be accessed from the Infotainment system:
- contacts lists downloaded from Bluetooth devices or other external sources
- vehicle contacts list

Note
A maximum of 1000 contacts may be stored in the vehicle contacts list. There is no limit for downloaded contacts lists.
The contacts list displayed upon first access differs depending on the application active and the devices connected.

Changing the source
To display a contacts list, press 📞, activate the phone or navigation application and then select CONTACTS in the interaction selector bar.
Select Change Contacts List on the right side of the screen. A list of all contact sources available is displayed. The currently active contacts list is marked with ✓.

Select the desired contacts list. The respective list is displayed.

Note
The system remembers a list chosen within an application. When re-entering the contacts list from this application, the list previously selected is redisplayed.

Using the contacts list
To display a contacts list, press 📞, activate the phone or navigation application and then select CONTACTS in the interaction selector bar.

Navigation application:

To display the contact details view, select one of the entries from the list.
The contact details view may comprise:
- first name and last name
- several phone numbers
- several email addresses
- several addresses (e.g. home and work)
- in the vehicle contacts list: category entry
Basic operation

- in the vehicle contacts list: notes field
- for POI entries: information on business hours, menu (e.g. restaurant), prices etc.

Note
The data is ordered depending on the application active, e.g. in the phone application, the phone numbers are displayed first.

Select the desired entry.

Adding new contacts
To add information from the application menus to the vehicle contacts list, open the respective application.

Navigation application: Select or enter a destination 51. The destination details view is displayed. Select Save. A menu is displayed.

Phone application: Select RECENT. Select + beside the phone number you wish to add to the contacts list. A menu is displayed.

Select one of the options.

Create New Contact
A data category selection menu is displayed.
Select the respective data category for the information you wish to store, e.g. work address or mobile phone. The contact details view is displayed.

Note
The data categories presented in the new menu correspond to the information you wish to store, e.g. if the information to be stored is an address, only address types are presented in the list.

Complete the entry and select Save to save the contact.

Add to Existing Contact
The vehicle contacts list is displayed. Select the desired contact.
The contact details view is displayed with the information to be added shown separately on the right side of the screen.
Select the respective data category for the information you wish to store, e.g. work address or mobile phone.
If you choose an existing data category, the existing information is overwritten.
Select Save to save the new information.

Editing contacts
To edit a contact, open the vehicle contact list. Select the desired contact entry in the vehicle contacts list.
Select Edit Contact on the right side of the screen.
The editing view is displayed.

Modifying information
Select the field you wish to modify. Depending on the field selected, the keyboard or keypad is displayed.
Enter your changes ◄ 17.
Select Save in the contact details view to save your changes.

Adding new information
Select the field where you wish to enter additional information.
If you wish to create a new field for a data category already existing, e.g. a second mobile phone number, select + in the respective data field.

Note
The + screen button is only displayed if it is possible to add more information for that data category.

Depending on the field selected, the keyboard or keypad is displayed ◄ 17.
Enter the new data and select the screen button in front of the entry field.
Select Save in the contact details view to save your changes.

Deleting contacts
Deleting a single contact
To delete a single contact, open the vehicle contact list. Select the desired contact entry in the vehicle contacts list.
Select Edit Contact on the right side of the screen.
To delete the contact entry and all associated information, select Delete. A confirmation message is displayed.
Confirm the message. The entry is deleted.

Delete the whole vehicle contacts list
To delete the whole vehicle contacts list, open the vehicle contacts list.
Select Change Contacts List on the right side of the screen. A list of all available contacts sources is displayed. The currently active contacts list is marked with ✔.
Select the — screen button next to Vehicle. A confirmation message is displayed.
Confirm the message to delete the list.

Sorting the contacts lists
By default, the lists are ordered alphabetically by first name. If there is no first name available, the last name is taken instead. If there is no first or last name, one of the first characters entered is used as sorting criteria.
The sorting order may be changed, if first name and last name are stored in two different fields.
To change the sorting order, select Sort.
Choose the desired sorting order. The list is resorted accordingly.
Tone settings

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

**Note**
A customised set of tone settings may be stored as a favourite. For a detailed description ⤀ 18.

To open the tone settings menu, select **MENU** in the respective audio main menu. Select **Tone Settings**.

---

**Treble**
Use this setting to enhance or attenuate the high frequencies of the audio sources. Adjust the setting by repeatedly touching – or +. Alternatively, move the slider on the settings bar.

**Midrange**
Use this setting to enhance or attenuate the midrange frequencies of the audio source. Adjust the settings by repeatedly touching – or +. Alternatively, move the slider on the settings bar.

**Bass**
Use this setting to enhance or attenuate the deep frequencies of the audio sources. Adjust the settings by repeatedly touching – or +. Alternatively, move the slider on the settings bar.

---

**Balance and fader**
In the illustration at the right side of the menu, define the point within the passenger compartment which is to have the best sound.

To adjust the settings, touch ▲, ▼, ◀ and ▶.

To quickly change between the front and rear speakers, select **Front** or **Rear** at the top and bottom of the vehicle diagram.

**Equalizer modes**
(if not equipped with Surround system)
Select one of the screen buttons in the interaction selector bar to optimise the tone for the specific styles of music.

Select **CUSTOM**, if you wish to define the tone settings yourself.

---

**Volume settings**

**Maximum startup volume**
Press ☰ and then select **SETTINGS** on the Home screen.
Basic operation

Scroll through the list and select Radio and then Maximum Start-Up Volume.
Touch – or + to set the desired volume.

Automatic volume adjustment
Press and then select SETTINGS.
Scroll through the list and select Radio and then Auto Volume.
To adjust the degree of volume adaptation, set Auto Volume to one of the available options.
Off: no enhancement of volume with increasing vehicle speed.
High: maximum enhancement of volume with increasing vehicle speed.

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
Various settings and adaptions for the Infotainment system can be made via the SETTINGS application.

Time and Date
Press and then select SETTINGS.
Select Time and Date.
Set time
Select Set Time to enter the respective submenu.
Select Auto Set at the bottom of the screen. Activate either On - RDS or Off - Manual.
If Off - Manual is selected, adjust hours and minutes by touching or .
Touch 12-24 Hr on the right side of the screen to select a time mode.
If 12-hour mode is selected, a third column for AM and PM setting is displayed. Select the desired option.
Set date
Select Set Date to enter the respective submenu.
Basic operation

Note
If date information is automatically provided, this menu item is not available.

Select Auto Set at the bottom of the screen. Activate either **On - RDS** or **Off - Manual**.

If **Off - Manual** is selected, adjust the date by touching < or >.

Clock display
Select **Clock Display** to enter the respective submenu.

To turn off the digital clock display in the menus, select **Off**.

Language
Press 🛒 and then select **SETTINGS**.

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

Note
The language currently active is marked with ✔.

Scroll through the list and select the desired language.

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

Note
Vehicle-related messages and the rear backup camera remain enabled.

Locking the system
Press 🛒 and then select **SETTINGS**.

Scroll through the list and select **Valet Mode**. A keypad is displayed.

Enter a four-digit code and select **Enter**. The keypad is redisplayed.

Unlocking the system
To confirm the first input, re-enter the four-digit code and select **Lock**. The system is locked.

Unlocking the system
Turn the Infotainment system on. A keypad is displayed.

Enter the respective four-digit code and select **Unlock**. The system is unlocked.

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

Display
Press 🛒 and then select **SETTINGS**.
Scroll through the list and select **Display**.

**Mode**
Select **Mode** to enter the respective submenu.
Depending on the external lighting conditions, select **Day** or **Night**.
If you select **Auto**, the system automatically adjusts the display.

**Calibrate Touchscreen**
Select **Calibrate Touchscreen** to enter the respective submenu.

Follow the instructions on the screen, touching the respective points indicated. The touch screen is calibrated.

**Turn Display Off**
Select **Turn Display Off** to turn off the display.
To turn the display back on, touch the touch screen or press a button on the control panel.

**Return to Factory Settings**
Press 🗓️ and then select **SETTINGS**.
Scroll through the list and select **Return to Factory Settings**.

**Restore Vehicle Settings**
Select **Restore Vehicle Settings** to restore all vehicle personalisation settings. A warning message is displayed. Select **Restore**. The settings are reset.

**Clear All Private Data**
Select **Clear All Private Data** to delete the following data:
- paired Bluetooth devices
- stored phone books
- vehicle contacts list
- destination lists
- favourites
A warning message is displayed. Select **Delete**. The data is deleted.

**Restore Radio Settings**
Select **Restore Radio Settings** to reset the following data:
- tone settings
- volume settings
- speech settings
Basic operation

- application tray
- contacts sources

A warning message is displayed. Select Restore. The settings are reset.

Software Information

Press 📱 and select SETTINGS. Scroll through the list and select Software Information.

System update

To update your system software, contact your workshop.

A list of version numbers of all items loaded to the system is displayed.
Radio

Usage .......................................... 31
Station search .............................. 31
Radio data system (RDS) ............ 32
Digital audio broadcasting ........... 34

Usage
The radio function is part of the AUDIO application.

Activating the radio function
Select AUDIO on the Home screen and then select RADIO in the interaction selector bar.
Alternatively, press RADIO on the control panel.

Selecting the waveband
Repeatedly select or press RADIO to toggle between the different wavebands.

Station search
Automatic station search
Press ◀ or ▶ to play the previous or next station.

Manual station search
Press and hold ◀ or ▶. Release the respective button when the desired frequency has almost been reached.

Station tuning
Select TUNE in the interaction selector bar. A keypad is displayed.
Touch the **Direct Tune** field and then enter the desired frequency. Confirm your input.

**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, you may optionally:

- Touch the screen.
- Select **BROWSE** in the interaction selector bar.
- Turn **MENU**.

The station list is displayed.

**Note**

The currently received station is highlighted.

Scroll through the list and select the desired list item.

**Category lists**

Numerous RDS 32 and DAB 34 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.

Select **MENU** in the interaction selector bar to display the respective waveband menu and select **Categories**.

A list of programme type categories currently available is displayed.

Select the desired category. A list of stations is displayed transmitting a programme of the selected type. Select the desired station.

**Updating the station list**

If the stations stored in a waveband-specific station list can no longer be received, select **Update Station List**.

**Note**

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

**Updating Station List** is displayed on the screen until the search has been completed.

**Radio data system (RDS)**

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

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

RDS settings

To configure the RDS settings options, activate the radio function and then select the FM waveband. Select MENU in the interaction selector bar to display the FM menu.

RDS

Set RDS - On or RDS - Off.

Traffic Programme (TP)

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

If the radio traffic service is activated, [TP] is shown in the top line of all main menus. If the current station or media played is not a radio traffic service station, [ ] is displayed and a search is started automatically for the next radio traffic service station available.

As soon as a radio traffic service station is found, [TP] is highlighted. If no radio traffic service station is found, [ ] remains on the screen.

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

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

Set Traffic Programme (TP) - On or Traffic Programme (TP) - Off.

Region

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

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

Set Region - On or Region - Off.
Digital audio broadcasting

DAB broadcasts radio stations digitally.

Advantages of DAB

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

If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This can be avoided by activating DAB to DAB Linking and/or DAB to FM Linking in the DAB 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 best receivable FM stations. If TP 32 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if you do not wish DAB reception to be interrupted by FM traffic announcements.

DAB settings

To configure the DAB settings options, activate the radio function and then select the DAB waveband. Select MENU in the interaction selector bar to display the DAB menu.

DAB announcements

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

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

**Note**
DAB announcements can only be received if the DAB waveband is activated.

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

Set **DAB to DAB Linking - On** or **DAB to DAB Linking - Off**.

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

Set **DAB to FM Linking - On** or **DAB to FM Linking - Off**.

**L Band**
If **L Band** is activated, the Infotainment system receives an additional frequency range. The frequencies for L-band comprise earth and satellite radio (1452 - 1492 MHz).

Set **L Band - On** or **L Band - Off**.

**Intellitext**
The **Intellitext** function allows for the reception of additional information such as announcements, financial information, sports, news etc.
Select one of the categories and choose a specific item to display detailed information.
General information
The Infotainment system’s CD player can playback audio CDs and MP3/WMA CDs.

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.

Important information about audio CDs and MP3/WMA CDs

- The following CD formats can be used:
  CD, CD-R and CD-RW
- The following file formats can be used:
  ISO9660 Level 1, Level 2, (Romeo, Joliet)
MP3 and WMA files written in any format other than listed above may not play correctly, and their file names and folder names may not be displayed correctly.
- Audio CDs with copy protection, which are not in compliance with the audio CD standard, may not play correctly or not at all.
- Self-recorded CD-Rs and CD-RWs are more vulnerable to mishandling than prerecorded CDs. Correct handling, especially in the case of self-recorded CD-Rs and CD-RWs, must be ensured.
- Self-recorded CD-Rs and CD-RWs may not play correctly or not at all.
- On mixed mode CDs (combinations of audio and data, e.g. MP3), only the audio tracks will be detected and played.
- Avoid leaving fingerprints when you change CDs.
• Put CDs back in their sleeves immediately after removing them from the audio player in order to protect them from damage and dirt.

• Dirt and liquids on CDs can smear the lens of the audio player inside the device and cause faults.

• Protect CDs from heat and direct sunlight.

• The following restrictions apply for the data stored on an MP3/WMA CD:
  - Maximum file/song number: 800
  - Maximum folders in depth hierarchy: 8
  - WMA files with Digital Rights Management (DRM) from online music shops cannot be played.
  - WMA files can only be played safely if they were created with Windows Media Player version 9 or later.
  - Applicable playlist extensions: .m3u, .pls

  Playlist entries must be in the form of relative paths.

**Note**
This chapter only deals with playing MP3 files since the operation for MP3 and WMA files is identical. When a CD with WMA files is loaded MP3 related menus are displayed.

**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.

Repeatedly select MEDIA in the interaction selector bar or press MEDIA on the control panel to activate the CD function.

**Removing a CD**

Press ▲. 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.

**Function buttons**

**Pausing CD playback**

Select ▼ to pause playback. The screen button changes to ►.

Select ► to resume playback.
Skipping to previous or next track
Select ‹‹ or ‹‹ to play the previous or next track.
Alternatively, turn MENU to skip to previous or next tracks.

Fast forwarding or rewinding
Touch and hold ‹‹ or ‹‹ to rewind or fast forward.
Alternatively, move the slider on the time bar.

Track list
To display the track list, you may optionally:
- Touch the screen.
- Select BROWSE in the interaction selector bar.
- Turn MENU.
The track list is displayed.

Note
The track currently playing is highlighted.
Scroll through the list and select the desired list item.

Note
For a detailed description of browsing MP3 CDs 40.

Playback order
Select MENU in the interaction selector bar to display the CD menu.
If Shuffle is set to On, all tracks on the active CD are played in random order.
Set Shuffle - On or Shuffle - Off.
External devices

General information
An AUX and USB socket for the connection of external devices is located underneath the armrest in the centre console. Find a detailed description on raising the armrest in the Owner’s manual.

Note
The socket must always be kept clean and dry.

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

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

USB port
An MP3 player, USB drive or smartphone can be connected to the USB port.
The Infotainment system can play music files and movies contained in these devices.
When connected to the USB port, the devices mentioned above can be operated via the controls and menus of the Infotainment system.

Note
Not all auxiliary devices are supported by the Infotainment system. Check the compatibility list on our website.
Connecting/disconnecting a device
Connect the USB device to the USB port.

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 storage device.

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

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/disconnecting a device
For a detailed description on the Bluetooth connection 69.

Bluetooth device management
To change the Bluetooth device connected, select MENU in the interaction selector bar.
Select Manage Bluetooth Devices to display the device list.
For a detailed description 69.

File formats
Only devices formatted in the FAT32, NTFS and HFS+ file systems are supported.

Note
Some files may not be played properly. This might be due to a different recording format or the condition of the file.
Files from online shops to which Digital Rights Management (DRM) has been applied cannot be played.

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

Audio files
The playable audio file formats are .mp3, .wma, .aac, .m4a and .aif.
When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

Movie files
The playable movie file formats are .avi, .mpg, .mp4, .xvid and .wmv.
Common audio and video combinations for mobile devices are generally supported.

Playing audio
Starting playback
If not connected, connect the device 39.
Repeatedly select MEDIA in the interaction selector bar or press MEDIA on the control panel to activate the desired media source. Example: USB main menu.
Function buttons

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

Pausing playback
Select II to pause playback.
Select ► to resume playback.

Skipping to previous or next track
Select ◀ or ► to play the previous or next track.
Alternatively, turn MENU to skip to previous or next tracks.

Fast forwarding or rewinding
Touch and hold ◀◀ or ►► to rewind or fast forward.
Alternatively, move the slider on the time bar (only available for USB).

Browse function

Note
The browse function is not available for AUX media sources.

To display the browse screen, you may optionally:
- Touch the screen.
- Select BROWSE in the interaction selector bar.
- Turn MENU.

Select PLAYLISTS, ARTISTS, ALBUMS, SONGS, GENRES or MORE. MORE comprises the additional categories: Folder View, Podcasts, Audiobooks, Videos and Composers.

Browse through the categories until you find the desired track. Select the track to start playback.

Playback order

If Shuffle is activated, the tracks on the active device are played in random order.
External devices

Note
In USB playback, the shuffle function is dependent on the filter mode selected for song playback, e.g. album, artist, genre.

To display the respective audio menu, select MENU in the interaction selector bar.
Set Shuffle - On or Shuffle - Off.

Playing movies

Starting video playback
Connect the device 39.
Repeatedly select MEDIA in the interaction selector bar or press MEDIA to activate the desired media source.
Select BROWSE and then MORE. Select Videos and then the desired movie file. Video playback is started.

Note
Videos may only be played, if the parking brake is applied.

Function buttons

Pausing playback
Select II to pause playback.
Select ▶ to resume playback.

Skipping to previous or next file
Select ◀ or ▶ to play the previous or next movie file.
Alternatively, turn MENU to skip to previous or next movie files.

Fast forwarding or rewinding
Touch and hold ◀ ◀ or ▶ ▶ to rewind or fast forward.

Alternatively, move the slider on the time bar.

Video menu
To display the video menu, select MENU in the interaction selector bar.

Using smartphone applications
The phone projection applications Apple CarPlay™ and Android™ Auto display selected apps from your smartphone on the Infotainment screen and allow their operation directly via the Infotainment controls.
Check with the device’s manufacturer if this function is compatible with your smartphone and if this application is available in the country you 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 and select Apple CarPlay or Android Auto to display a submenu.
Make sure the respective application is activated.
To display a list of all devices registered for this function, select Manage Devices.

Connecting the mobile phone

Connect the smartphone to the USB port 🌐 39.

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.

Returning to the Infotainment screen

Press 🌐.
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 gyro 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 metres.
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.

If there is a traffic problem during active route guidance, depending on the pre-settings, a message appears as to whether the route should be changed.

TMC traffic information is displayed in the map display as symbols or as detailed text on the TMC messages menu.

To be able to use TMC traffic information, the system must receive TMC stations in the relevant region.

The TMC traffic stations can be selected in the navigation menu 45.

Map data
All required map data is stored within the Infotainment system. To update your map software via the USB port, contact your workshop.

Usage
To display the navigation map, press and then select the NAV icon.

Route guidance not active
The current location is indicated by a circle with an arrow pointing into the direction of travel.

After a timeout of approx. 15 seconds, the application tray and the interaction selector bar disappear to show a full screen view of the map.

To redisplay the application tray and the interaction selector bar, touch the screen.
Route guidance active

- The map view is displayed.
- The active route is indicated by a coloured line.
- The moving vehicle is marked by a circle.
- The next turning manoeuvre is indicated by an arrow symbol on the right side of the screen.
- Lane guidance is provided on the right side of the screen.

- The arrival time is shown above the arrow symbol.
- The distance to the next turning manoeuvre is shown below the arrow symbol.

Driver Information Centre, Sport theme:

- The name of the route you are currently on is displayed.
- The next turning manoeuvre is indicated by an arrow symbol.
- The distance to the next turning manoeuvre is displayed.

Map manipulation

Scrolling
To scroll the map, place your finger anywhere on the screen and move it up, down, left or right depending on the direction in which you want to scroll.

The map moves accordingly displaying a new section.

To return to the current location, select RESET in the interaction selector bar.

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

A red ○ is displayed at the respective location and the corresponding address is shown on a label.
To return to the current location, select **RESET** in the interaction selector bar.

**Zooming**
To zoom in on a selected map location, select **ZOOM IN**.
To zoom back out and display a larger area around the selected location, select **ZOOM OUT**.

**Overview button**
During active route guidance, an **OVERVIEW** screen button is displayed in the interaction selector bar.

To display an overview of the route currently active on the map, select **OVERVIEW**.
The screen button changes to **RESET**.
To return to the normal view, select **RESET**.

**Map display**

**View mode**
Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.
Select the desired map view (3D View, Heading Up View, North Up View).

**Note**
Alternatively, you may repeatedly select ◇ in the application tray to quickly toggle between the different map views (3D View, Heading Up View, North Up View).

**Audio information**
If **Audio Information - On** is set, information on the station, album or song currently playing is displayed on the map screen.
Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.
Set **Audio Information - On** or **Audio Information - Off**.

**Display mode**
Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.
Select **Day / Night Mode**.
Depending on the external lighting conditions, activate **Day** or **Night**.
If you wish the screen to adjust automatically, activate **Auto**.

**Display of buildings**
Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.
Buildings can be displayed in 3D or normal view.

Set **3D Buildings - On** or **3D Buildings - Off**.

**Autozoom function**
Select **MENU** in the interaction selector bar and then select **Map View** to display the respective submenu.

The system may zoom in on the map in case of special manoeuvres.

Set **Autozoom - On** or **Autozoom - Off**.

**POI icons**
Select **MENU** in the interaction selector bar and then select **Display "Points of Interest" Icons** to display the respective submenu.

If **POI Icons** is activated, points of interest around the current location or along the route are displayed on the map.

Set **POI Icons - On** or **POI Icons - Off**.

If **POI Icons** is set to **On**, activate the POI categories you wish to be displayed.

Select **Clear All** to unselect all categories.

**Information on the current location**
Select **MENU** in the interaction selector bar to display the navigation menu.

Select **Current Location** to display the respective submenu indicating details on the nearest address, the coordinates, and Points of interest ($351$) around the current location.

**Nearest address**
From this submenu, you may store the nearest address to the system.

Select **Nearest Address**: to display the destination details view.

For a detailed description on how to save an address

- as or to a contact $\diamondsuit 22$
- as a favourite $\diamondsuit 18$

**Points of interest**
From this submenu, you may start route guidance to one of the nearest points of interest.
Select the desired point of interest. The destination details view is displayed.
Select Go.
For a detailed description on how to enter a destination ◗ 51.

Navigation data management
Select MENU in the interaction selector bar and then select Personal Data.
A list of different data storage locations of the navigation application is displayed.

Contacts list
Select Contacts to display the respective submenu.
To delete all entries in the contacts list, select Delete All Entries. Confirm the message displayed to delete the entire contacts list.
To display the contacts edit mode, select Edit Contacts List.
For a detailed description on editing the contacts list ◗ 22.

Recent destinations list
Select Recent Destinations to display the respective submenu.
To delete all entries in the recent destinations list, select Delete All Destinations. Confirm the message displayed to delete the entire recent destinations list.
To delete individual destinations, select Delete Individual Destinations. The recent destinations list is displayed. Select — next to the respective destination. Confirm the message displayed to delete the destination.

Downloaded POIs
Select My POIs to display the respective submenu.
POIs which were previously downloaded to the system may be deleted. The other POIs remain within the system.
To delete all entries in the contacts list, select Delete All My POIs. Confirm the message displayed to delete the entire POIs list.

To delete only individual categories, select Delete Individual Categories to display a list of POI categories. Select — next to the respective category. Confirm the message displayed to delete the category.

Uploading destination data to a USB device
For later use, e.g. in other vehicles, you can store the vehicle contacts list and POIs previously downloaded (see "Creating and downloading user defined POIs" below) on a USB device:
Select Upload Saved Locations.
The contacts list and POI data is stored on the connected USB device in the folders "F:\myContacts" respective "F:\myPOIs", where "F:" is the root folder of the USB device.

Note
This function may only be carried out if a USB device with sufficient storage space is connected.

Autocomplete function
To delete the list of destination entries used by the autocomplete function, select Delete Autocomplete.
Downloading contacts data

You can exchange your vehicle contacts list data with Infotainment systems in other vehicles:

To upload the data to a USB device, see "Uploading navigation data to a USB device" above.

Connect the USB device to the Infotainment system of another vehicle $\diamond$ 39.

A message is displayed that prompts you to confirm the download.

After confirmation, the contacts data is downloaded to the Infotainment system.

The downloaded contacts are then selectable via the CONTACTS menu $\diamond$ 22.

Creating and downloading user defined POIs (My POIs)

In addition to the predefined POIs already stored in the Infotainment system, you can create user defined POIs that meet your personal requirements. After creation, such user defined POIs can be downloaded to the Infotainment system.

For each POI, you must define the GPS coordinates (longitude and latitude values) of the respective location and a descriptive name.

After downloading the POI data to the Infotainment system, you will find the respective POIs as selectable destinations in the My POIs menu, see "Selecting a point of interest" in chapter "Destination input" $\diamond$ 51.

Creating a text file with POI data

Create a text file (e.g. by using a simple text editor software) with an arbitrary name and the file extension .poi, e.g. "TomsPOIs.poi".

**Note**

Character encoding UTF-8 (Unicode) must be selected when storing the text file. Otherwise the POI data may not be imported correctly to the system.

Enter the POI data into the text file in the following format:

Longitude coordinate, Latitude coordinate, "Name of POI", "Additional information", "Phone number"

Example:

7.0350000, 50.6318040, "Michaels Home", "Bonn, Hellweg 6", "02379234567", see image above.

The GPS coordinates must be expressed in decimal degrees and can be taken, e.g., from a topographical map.
The additional information and phone number strings are optional. If, e.g., no additional information is required, "" must be entered at the respective position.

Example: 7.0350000, 50.6318040, "Michaels Home", "", "02379234567".

The POI name and the additional information string may not exceed 60 characters each. The phone number string may not exceed 30 characters.

The POI data of each destination address must be entered in a single separate line, see image above.

Storing the POI data on a USB drive
In the root directory of a USB drive, create a folder named "myPOIs", e.g. "F:\myPOIs", where "F:\" is the root directory of the USB drive.

In the "myPOIs" folder, store the text file with your POIs, e.g. "F:\myPOIs\TomsPOIs.poi".

Organising the POI data in several subfolders
Optionally, you can organise the text files in several randomly named subfolders (max. depth of subfolder structure: 2).

Examples: F:\myPOIs\AnnsPOIs or F:\myPOIs\MyJourney\London, where F:\ is the root directory of the USB drive.

Note
In a folder only subfolders or only POI files may be stored. A mixture of both will not be imported correctly to the system.

After downloading individual POI data organised in that way to the Infotainment system (see download description further below), the My POIs menu will show a list of selectable submenus.

After selecting a submenu, further submenus or the related list of imported POI categories will be displayed.

Downloading the POI data to the Infotainment system
Connect the USB device with your user defined POI data to the USB port 39 of the Infotainment system.

A message is displayed that prompts you to confirm the download.

After confirmation, the POI data will be downloaded to the Infotainment system.

The downloaded POIs are then selectable as destinations via the My POIs menu, see "Selecting a point of interest" in chapter "Destination input" 51.

Destination input
The navigation application provides different options to set a destination for route guidance.

Press \ and then select NAV to display the navigation map.

Select DESTINATION in the interaction selector bar and then select one of the different address entry options.
One-shot destination entry

Touch the entry field in the top line of the menu. A keyboard is displayed. For a detailed description on the keyboards see §17.

Enter an address or search term and confirm your input.

Two lists with possible destinations are created. To switch between the list tabs, touch Address or POI in the top line of the screen.

Address list:

For a detailed description on POIs, see "POIs entry" below.

Select one of the destinations. The destination details view is displayed.

To start route guidance, select Go.

Address entry screen

Select ADDRESS. The Address Entry screen is displayed.
Touch one of the entry fields next to the address part entries. A keyboard is displayed.

For a detailed description on the keyboards \(\diamond\) 17.

Enter the required destination information.

**Note**

The screen does not need to be filled out completely.

To confirm your input, select \(\checkmark\) in the top right corner of the screen.

If there is more than one destination possible according to the information entered, a list of all matching destinations found is displayed. Select the desired address.

The destination details view is displayed.

To start route guidance, select **Go**.

**Crossroad entry screen**

Select **CROSSROADS**. The **Crossroads Entry** screen is displayed.

Touch one of the entry fields next to the address part entries. A keyboard is displayed.

For a detailed description on the keyboards \(\diamond\) 17.

Enter the required destination information.

To confirm your input, select \(\checkmark\) in the top right corner of the screen.

If there is more than one destination possible according to the information entered, a list of all matching destinations found is displayed. Select the desired address.

The destination details view is displayed.

To start route guidance, select **Go**.

**POIs entry**

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 \(\diamond\) 45).

You may also store individual POIs within the system, see "Creating and downloading user defined POIs" in
chapter "Usage" 45. Those POIs are selectable as destinations via the POI main category My POIs.
To select a POI as a destination for route guidance, select DESTINATION in the interaction selector bar and then select POIs. A list for search area selection is displayed.

Setting a search location
Select one of the options.

Note
The options POIs along Route and POIs near Destination are only available when route guidance is active.

If POIs at Another Location is selected, a keyboard is displayed.
For a detailed description on the keyboards 17.
Enter the desired location and confirm your entry.
A list of POI categories is displayed.

Searching POIs via categories
Select one of the main categories in the list. A list with subcategories is displayed.
To display all POIs available in the respective main category, select List All. Scroll through the list and select the desired POI.
To display all POIs within one subcategory, select the respective subcategory. Scroll through the list and select the desired POI.
The destination details view is displayed.
For more information on the POI selected, touch Info in the top right corner of the screen.
To start route guidance, select Go.

Searching POIs via name input
To search for a particular POI, a category or a specific location, select Spell Name in the POI main categories list or in one of the subcategory lists. A keyboard is displayed.
For a detailed description on the keyboards 17.
Enter the desired name or category.
Select ✔ to confirm your input. The destination details view is displayed.
For more information on the POI selected, touch Info in the top right corner of the screen.
To start route guidance, select Go.

Recent destinations list
Select RECENT.
A list of all recently entered destinations is displayed.
Select one of the entries. The destination details view is displayed. To start route guidance, select Go.

**Contacts list**
Select **CONTACTS**. The contacts list is displayed.

**Quick function icon**
If there is only one address stored for a contact, a quick route icon is displayed next to the respective entry in the contacts list.
Select π to directly display the destination details view.
To start route guidance, select Go.

**Contact details view**
If there is more than one address stored for a contact, select the desired contacts entry. The contact details view is displayed.

Select one of the addresses stored for the contact. The destination details view is displayed.
To start route guidance, select Go.

**Selecting an address from the map**
Tap on 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.

Tap on the label. The destination details view is displayed.
To start route guidance, select Go.

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.

Alternatively, touch the arrow symbol indicating your next turning manoeuvre on the right side of the screen to display the route guidance menu. Select DESTINATION in the interaction selector bar of the route guidance menu.

Enter or select a new address.

Select Add as Waypoint. The route is recalculated and the new destination is added as a waypoint to the current route.

If desired, enter further waypoints as described above.

Select Go. You are prompted with a message.

While under active route guidance, select DESTINATION in the interaction selector bar of the map view.
To save the entire route with waypoints, select **Save**.
The waypoint trip is saved in the contacts list in the **Saved Trips** folder and designated according to its final destination.
The saved waypoint trip can be recalled via the contacts list.
For a detailed description on how to edit a waypoint trip ☞ 58.

### New destination
To set a new destination, you may cancel route guidance to the current destination and then enter a new destination. Alternatively, you may directly enter a new destination.
While under active route guidance, select **DESTINATION** in the interaction selector bar of the map view.
Alternatively, touch the arrow symbol indicating your next turning manoeuvre on the right side of the screen to display the route guidance menu. Select **DESTINATION** in the interaction selector bar of the route guidance menu.
Enter or select a new address.
Select **Go**. You are prompted with a message.
Select **Set New Destination**. The route is recalculated and the new destination is set.

### Calling a destination
After entering a destination and before starting route guidance, the destination details view is displayed.
To initiate a phone call to the selected location, select **Call**.

**Note**
The **Call** screen button is only available if a phone number is stored for the respective location.

### Storing destinations
#### Contacts entry
After entering a destination and before starting route guidance, the destination details view is displayed.
To save the respective destination in the contacts list, select **Save**. For a detailed description on how to save an address in the contacts list ☞ 22.

**Note**
The **Save** screen button is only available if the address has not yet been stored in the system.

**Favourite**
Favourites may be stored from almost all screen views.
For a detailed description on how to store destination favourites ☞ 18.
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 displays.

Navigation voice prompts
Navigation voice prompts announce, which direction to follow, when approaching an intersection at which you need to turn.
To activate the voice prompts function and set the volume, see "Navigation voice settings" below.

Starting and cancelling route guidance

Starting route guidance
To start route guidance to a new destination chosen, select Go in the destination details view.
To directly start route guidance to the last destination chosen, select MENU in the interaction selector bar and then select Resume to.
Route guidance to the last destination selected is restarted.

Cancelling route guidance
To cancel route guidance, you may optionally:
- Touch × on the navigation map screen.
- Select MENU in the interaction selector bar and then select Cancel Route.
- Touch the arrow symbol indicating your next turning manoeuvre on the right side of the screen to display the route guidance menu (see "Route guidance menu" below).

Navigation voice settings

Mute
To temporarily mute the output of navigation voice prompts, select mute on the left side of the map screen. The icon changes to mute.
To unmute the system, select mute again.

Voice prompts
Select MENU in the interaction selector bar and then select Navigation Voice Preferences to display the respective submenu.
If Voice Prompts - On is set, navigation voice prompts are read out by the system during active route guidance.
Set Voice Prompts - On or Voice Prompts - Off.
If set to Off, no navigation voice prompts are provided by the system.
Voice prompts during phone calls
Select MENU in the interaction selector bar and then select Navigation Voice Preferences to display the respective submenu. Select Prompts During Phone Calls.
If On is selected, navigation voice prompts are also read out during phone calls.
If Off is selected, no voice prompts are given out. If Beeps is selected, a beep sounds instead of the announcement.

Volume
To adjust the volume of the voice prompts, select – or +.

Information on traffic incidents
Traffic list
To display a list of traffic incidents close to the current location of the vehicle, press  and then select TRAFFIC.

Alternatively, select MENU in the interaction selector bar and then select Traffic to display the respective submenu. Select Show Nearby Traffic Incidents.
If route guidance is not active, the list is displayed as follows:

By default, the list is sorted by distance from the vehicle location. To sort the list alphabetically, select Sort in the top line of the screen. Touch one of the list elements to display detailed information on the respective traffic incident.

Note
If the traffic list has been entered via the TRAFFIC screen button on the Home screen, touch  in the top left corner of the screen to enter the menu for traffic settings.

Traffic icons on the map
If Show Icons on Map - On is set traffic incident icons around the current location and along the route are displayed on the map.
Set Show Icons on Map - On or Show Icons on Map - Off.

Traffic routing
This submenu contains settings of how the system may deal with traffic incidents before and during route guidance.
Select Traffic Routing Preferences to display the respective submenu.
If you wish slow traffic to be generally avoided, set **Avoid Slow Traffic** to **On**.
Select **Automatically Avoid Traffic** or **Ask Me before Avoiding**.

**Types of traffic incidents**
Select **Traffic Types** to display the respective submenu.
Select the types of traffic incidents to be avoided.

**TMC stations**
The TMC radio stations supply information on the current traffic situation considered in the calculation of the route.

**Note**
Depending on the country you are in, the TMC service is enhanced by a PayTMC functionality integrated in the Infotainment system.

Select **TMC Station** to display the respective submenu.
The default setting is **Auto** consulting different TMC stations.
If you wish a specific TMC station to be observed, select the respective station from the list.

If this station is no longer received, the system switches back to the **Auto** function.

**Route settings**
Select **MENU** in the interaction selector bar and then select **Routing Preferences** to display the respective submenu.

**Route style**
To define by what criteria a route may be calculated, select **Route Style**.
Select **Fast**, **Eco Friendly** or **Short** from the list.
If **Eco Friendly** has been selected, the eco-friendly route style may be adapted to the load of the vehicle.
Select **Edit Eco Profile** to display the respective submenu.
Repeatedly select **Roof Load** and **Trailer** to toggle between the available load options. Set the options as needed.

**Road selection**
Select from the list which road types may be included in the calculation of the route.

**Route modification**
To modify the route during active route guidance, touch the arrow symbol indicating your next turning manoeuvre on the right side of the screen.
The route guidance menu is displayed.

**Note**
The route guidance menu may only be displayed if route guidance is active.

The route guidance menu provides additional options to change route settings during active route guidance.

**Displaying the turn list**
The turn list displays all streets on the calculated route, starting from the current location.
Select **TURN LIST** in the interaction selector bar of the route guidance menu. The turn list is displayed and the next manoeuvre is read out by the system.
Each list entry may show the following information:

- name of the street, motorway or motorway junction
- direction arrow
- distance to the next street on the route
- estimated arrival time when reaching the next street

To display all available information on a particular list item, select the respective list item and then select Info in the top line of the screen.

Excluding streets from route guidance

After route guidance has been started, you may exclude streets from the previously calculated route. The route is then recalculated bypassing the streets excluded.

Select AVOID in the interaction selector bar of the route guidance menu. The turn list is displayed.

Select the street, motorway or motorway junction you wish to avoid. You are prompted with a message.

Select the desired distance option. The respective street or motorway is displayed in the Avoided Areas section on top of the turn list indicated by a red "✓".

**Note**

The Avoided Areas section also comprises roads automatically avoided by the system due to traffic incidents.

To reinclude the avoided street or motorway into the route, unselect the respective list item.

Displaying the waypoint list

If you are in a waypoint trip, the route guidance menu comprises additional menu functions for waypoint trip modification.

The waypoint list displays all waypoints of the calculated waypoint trip, starting with the next upcoming waypoint.

Select WAYPOINTS in the interaction selector bar of the route guidance menu. The waypoints list is displayed.
Each list entry may show the following information:
- name or address of the waypoint
- distance to the next waypoint
- estimated arrival time when reaching the next waypoint

**Editing the waypoint trip**
To arrange a waypoint trip as desired, select **EDIT** in the interaction selector bar of the route guidance menu. The waypoints list is displayed.

To change the position of the waypoints within the list, select ▲ and ▼ next to the respective list items.
To delete a waypoint from the list, select ×.
Select **Save** at the top of the screen to save the changes.

**Optimising the waypoint trip**
If several waypoints have been added and the waypoint trip has been edited several times, you may want to rearrange the waypoints in the most efficient order.

Select **OPTIMISE** in the interaction selector bar of the route guidance menu.
Wait until the waypoints list has been updated.
Select **Save** at the top of the screen to save the changes.
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 must select another language for the display, if you want to control the Infotainment system via voice input. For changing the display language, see "Language" in chapter "System settings" 27.

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 must 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 must change the display language to French.

Exceptions: If you want to enter addresses in Belgium, you may optionally change the display language to French or Dutch. For addresses in Switzerland you may optionally change the display language to French, German, or Italian.

For changing the display language, see "Language" in chapter "System settings" 27.

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

- Austria, Germany:  
  <city> <street> <house number>
- Belgium, France, Great Britain:  
  <house number> <street> <city>
- Denmark, Italy, Netherlands, Poland, Portugal, Russia, Spain, Switzerland, Turkey:  
  <street> <house number> <city>

Setting up the speech recognition
Several settings and adaptions for the embedded speech recognition of the Infotainment system can be performed.

Press 🎙 and then select the SETTINGS icon.
Select Voice item to enter the respective submenu.

Confidence Threshold
Depending on the option selected in the corresponding submenu, the speech recognition appears more or less 'confident' in correctly understanding your commands.

Confirm More: If selected, the system asks you relatively often to confirm your commands. Consequently, the system performs the correct action in most cases.

Confirm Less: If selected, the system asks you less often to confirm your voice inputs. Consequently, the system might sometimes misinterpret your commands and not perform the correct action.

Note
When starting to use the speech recognition, it may be advantageous to use the Confirm More setting. As you get more experienced, i.e., you get to know how to pronounce your commands in a way the speech recognition understands you correctly, it may be advantageous to use the Confirm Less setting.
Prompt Length
The length and the level of detail of the questions and statements the speech recognition gives out can be adjusted in the corresponding submenu.

Audio Feedback Speed
The speed with which the speech recognition asks questions or makes statements can be adjusted in the corresponding submenu.

If Medium is selected, the system’s speech rate corresponds to natural speech.

Note
When starting to use the speech recognition, it may be advantageous to use the Long setting. As you get more experienced, it may be advantageous to use the Short setting.

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

The availability of this function depends on your smartphone. For more information on compatibility, see our website.

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 \button 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 Info-Display and in the Driver Information Centre.

As soon as the speech recognition is ready for voice input, a beep is heard.

The speech recognition symbol in the upper left corner of the help menu changes from white to red.

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

Activation via the VOICE screen button on the centre display
Select VOICE in the interaction selector bar of a centre display main menu.

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

As soon as the speech recognition is ready for voice input, a beep is heard. The speech recognition symbol on the right side of the help menu changes from black to red.

You can now say a voice command, see description above.

Adjusting the volume of voice prompts
Press \ or \ on the steering wheel upwards (increase volume) or downwards (decrease volume).
Speech recognition

Interrupting a voice prompt
As an experienced user, you can interrupt a voice prompt by briefly pressing \( \triangleright \) on the steering wheel. A beep is heard immediately, the speech recognition symbol changes to red, and a command can be stated without having to wait.

Cancelling a dialogue sequence
There are various possibilities to cancel a dialogue sequence and to deactivate the speech recognition:
- Say "Cancel" or "Exit".
- Press \( \bigtriangledown \) on the steering wheel.
- If the speech recognition session was started via the VOICE screen button on the centre display, you may alternatively:
  - Press \( \triangleright \) on the control panel.
  - Select \( \bigtriangledown \) or Exit in the help menu.

In the following situations, a dialogue sequence is automatically cancelled:
- If you do not say any command for a certain period of time (by default you are prompted three times to say a command).
- If you say commands that are not recognised by the system (by default you are prompted three times to say a correct command).

Operation via speech commands
The speech recognition can understand commands that are either naturally stated in sentence form, or direct commands stating the application and the action.

For best results:
- Listen for the voice prompt and wait for the beep before saying a command or replying.
- Say "Help" or read the example commands on the screen.
- The voice prompt can be interrupted by pressing \( \triangleright \) again.
- Wait for the beep and then speak the command naturally, not too fast, not too slow. Use short and direct commands.

Usually commands can be spoken in a single command. For example, "Call David Smith at work", "Play" followed by the artist or song name, "Tune to" followed by the radio waveband and frequency/station name, or "Find address" followed by the address e.g. "123 Main Road, London".

In case of complex commands or when information are missing, the system starts a dialogue sequence.

When searching for a "Place of Interest", only major chains may be selected by name. Chains are businesses with at least 20 locations. For other POIs, say the name of a category like "Restaurants", "Shopping centres", or "Hospitals".

If you say "Phone" or "Phone commands", the system understands that a phone call is requested and responds with respective questions
until enough details are gathered. If the phone number has been saved with a name and a place, the direct command should include both, for example "Call David Smith at work".

**Selecting list items**
When a list is displayed, a voice prompt asks to confirm or select an item from that list. A list item may be manually selected, or by speaking the line number of the item.

The list on a speech recognition screen functions the same as a list on other screens. Manually scrolling the list on a screen during a speech recognition session suspends the current speech recognition event and plays a prompt like "Make your selection from the list using the manual controls, press the back button on the faceplate, or press the back screen button to try again". If no manual selection is made within 15 seconds, the speech recognition session terminates, you are prompted with a message, and the former screen is redisplayed.

**The "Back" command**
To return to the previous menu, optionally: say "Back", press BACK on the control panel, or press ☛.

**The "Help" command**
After saying "Help", the help prompt for the current screen is read aloud. Additionally, the prompt is displayed on the screen.

Depending on how speech recognition was initiated, the help prompt is either displayed in the Driver Information Centre or on the centre display.

To interrupt the help prompt, press ✕. A beep is heard. You may say a command.

**Voice pass-thru application**

**Activating speech recognition**
Press and hold ✖ on the steering wheel until a speech recognition icon is displayed in the Driver Information Centre.

In addition, a message in the Driver Information Centre informs you when the voice pass-thru application is ready for use.

**Adjusting the volume of voice prompts**
Turn ⪠ on the control panel or press ◐ or ◑ 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 portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone must be connected to the Infotainment system via Bluetooth.

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

Important information for operation and traffic safety

⚠️ Warning

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

⚠️ Warning

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

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

Bluetooth

The Phone portal is certified by the Bluetooth Special Interest Group (SIG).
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. mobile phones or other devices.
To be able to set up a Bluetooth connection to the Infotainment system, the Bluetooth function of the Bluetooth device must be activated. For further information, please consult the user guide of the Bluetooth device.

Via the Bluetooth settings menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out.

**Bluetooth settings menu**
Press 📱 and then select the SETTINGS icon.
Select Bluetooth to display the respective submenu.

**Pairing a device**

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

**Pairing via the Settings application**

1. Press 📱 and then select the SETTINGS icon.
   Select Bluetooth to display the respective submenu.
2. Select Pair Device.
   Alternatively, select Device Management to display the device list and then select Pair Device.
3. A message is displayed on the Infotainment system indicating the name and PIN code of the Infotainment system.
4. Start Bluetooth searching on the Bluetooth device to be paired.
5. Confirm the pairing procedure:
   - If SSP (secure simple pairing) is supported:
Compare the PIN code (if demanded) and confirm the messages on the Infotainment system and the Bluetooth device.

- If SSP (secure simple pairing) is not supported:
  If desired, select Set PIN to change the PIN code of the Infotainment system. A keypad is displayed. Enter the new PIN code and confirm your input.

Enter the Infotainment PIN code on the Bluetooth device and confirm your input.

6. The Infotainment system and the device are paired and the device list is displayed.

**Note**
If the Bluetooth connection fails, a failure message is displayed on the screen of the Infotainment system.

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

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

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

**Pairing via the Phone application**
1. Press ☑ and then select the PHONE icon.
2. Select Pair Device.
3. Proceed from step 3 of "Pairing via the Settings application" (see above).
4. If the device has been successfully paired, the phone menu is displayed.

**Connecting a paired device**
1. Press ☑ and then select the SETTINGS icon.
   Select Bluetooth to display the respective submenu.
2. Select Device Management to display the device list.
3. Select the Bluetooth device you wish to connect.
4. The device is connected and displayed within the Connected field of the device list.

**Disconnecting a device**
1. Press ☑ and then select the SETTINGS icon.
   Select Bluetooth to display the respective submenu.
2. Select Device Management to display the device list.
3. Select × beside the Bluetooth device currently connected. You are prompted with a message.
4. Select Yes to disconnect the device.
Deleting a device

1. Press SETTINGS and then select the SETTINGS icon. Select Bluetooth to display the respective submenu.
2. Select Device Management to display the device list.
3. Select – beside the Bluetooth device to be deleted. You are prompted with a message.
4. Select Yes to delete the device.

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.

Making an emergency call

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

⚠️ Warning

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

Operation

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

Note

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

Phone application

Press and then select the PHONE icon (with phone symbol) to display the respective menu.
The Phone portal comprises different views accessible via tabs. Select the desired tab.
Note
The phone main menu is only available, if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description 69.

Initiating a phone call

Keypad
Press 📲 and then select the PHONE icon to display the respective menu.

If necessary, select KEYPAD in the interaction selector bar. The keypad is displayed.

Enter the desired number and select Call. The number is dialled.
To dial a speed dial number, enter the number and touch and hold the last digit. The number is dialled.

Contacts
Press 📲 and then select the PHONE icon to display the respective menu.
If necessary, select CONTACTS in the interaction selector bar. The contacts list is displayed.

Quick function icon
If there is only one number stored for a contact, a quick dial icon is displayed next to the respective entry in the contacts list.
Select 📲 to directly initiate the call.

Contact details view
If more than one number is stored for a contact, select the respective contact.
The contact details view is displayed.
Select one of the phone numbers stored for the contact. The number is dialled.

Calls lists
Press 📲 and then select the PHONE icon to display the respective menu.
If necessary, select RECENT in the interaction selector bar. The recent calls list is displayed.

For a detailed description of the contacts lists 22.
Scroll to the desired contacts entry.
Note
Missed calls are highlighted in red in the recent calls list and indicated by a △ next to the phone icon in the application tray.

Select one of the phone numbers stored in the recent calls list. The number is dialled.

Favourites
Reveal the favourites page.
If necessary, scroll through the pages.
Select the desired favourite screen button.
For a detailed description ◊ 18.

Incoming phone call
Taking a phone call
If a radio or media source is active when a call comes in, the audio source is muted and remains muted until the call is ended.
A message with the caller's name or number is displayed at the bottom of the screen.

Changing the ringtone
Press 📞 and then select the SETTINGS icon.
Select Bluetooth to display the respective submenu and then select Ringtones. A list of all phones paired to the Infotainment system is displayed.
Select the desired phone. A list of all ringtones available for the respective phone is displayed.
Select the desired ringtone.

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

To answer the call, select Answer in the message.

Rejecting a phone call
To reject the call, select Ignore in the message.
Ending a phone call
Select **End** to end the call.

Deactivating the microphone
Select **Mute** to temporarily deactivate the microphone.
The screen button changes to **Unmute**.
To reactivate the microphone, select **Unmute**.

Deactivating the handsfree function
To continue the conversation on your mobile phone, select **Handset**.
The screen button changes to **Handsfree**.
To reactivate the handsfree function, select **Handsfree**.

Second phone call
Initiating a second phone call
To initiate a second phone call, select **Add** in the in-call view. The phone menu is displayed.
Initiate a second phone call. For a detailed description, see above.

To cancel the initiation of the second call and return to the in-call view, select **Current Call**.
Both calls are displayed in the in-call view.

Second incoming phone call
A message with the caller's name or number is displayed at the bottom of the in-call view.
Select **Answer** or **Ignore** in the message.

Ending the phone calls
To end both calls, select **End** at the bottom of the screen.

To end just one of the calls, select **A** next to the respective call.

Conference call
Select **[** to merge the two calls. Both calls become active.
The **[** screen button changes to **<**.

To unmerge the calls, select **<**.

Phones
Select **PHONES** in the interaction selector bar to display the device list.
For a detailed description ◊ 69.

Text messages
The TEXT application allows text messages to be received and replied to via the Infotainment system.

Note
If the vehicle is going faster than 8 km/h, some functions of the text application may not be available.

Prerequisites
The following prerequisites must be met in order to use the TEXT application:

- The Bluetooth function of the respective phone must be activated (see user guide of the device).
- Dependent on the phone, it may be required to set the device to "visible" (see user guide of the device).
- Depending on the phone, it may be required to manually allow access to the text messages function on the phone (see user guide of the device).
- The respective phone must be paired and connected to the Infotainment system. For a detailed description ◊ 69.
- The respective phone must support Bluetooth Message Access Profile (BT MAP).

Starting the text application
Press the button and then select the TEXT application icon.

If a new text message is received, you are prompted with a message. Select one of the screen buttons to enter the TEXT application.

Note
Text message alerts are only displayed, if Text Alerts in the text settings menu is set to On.

Listening to a message
Select INBOX in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.
Phone

Note
Depending on the phone, not all text messages stored on the phone are displayed in the inbox.

To listen to a message, select 🎤 beside the respective message.
Alternatively, select the desired message to display the message view. Select LISTEN in the interaction selector bar.

Viewing a message
Select INBOX in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.
Select the desired message to display the complete message text.

Calling the writer
Select INBOX in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.
Select the desired message to display the message view.
Select Call in the interaction selector bar. The writer of the message is called.

Replying to a message
Note
Depending on the phone, the reply function may not be supported.

Select INBOX in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.
Select the desired message to display the message view.
Select REPLY in the interaction selector bar. A list of predefined messages is displayed.
Select the desired predefined text message.
If none of the predefined messages serves your purpose, you can write a new message, see "Manage Predefined Messages" below.

Deleting a message
Select INBOX in the interaction selector bar. The text messages stored on the respective phone are displayed in a list.
Select the desired message to display the message view.
To delete the text message, select Delete in the interaction selector bar.
Device list
Select **PHONES** to display the device list.
For a detailed description ◇ 69.

Text settings
Select **Settings** to enter the settings menu.

Text Alerts
If you wish an alert to pop-up when a new text message is received, set **Text Alerts - On**.

Manage Predefined Messages
Select **Manage Predefined Messages** to display a list of all predefined messages.

Adding a new message

**Note**
Predefined messages can only be entered when the vehicle is stationary.

Select **Add New Predefined Message**. A keyboard is displayed.
Enter the desired message text and confirm your input. The new message is added to the list of predefined messages.

Deleting a predefined message
To delete a predefined message, select – beside the message you wish to delete.

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:
- The exterior antenna must be professionally installed to obtain the maximum range possible.
- Maximum transmission power: 10 watts.
- The mobile phone must be installed in a suitable spot. Consider relevant note in the Owner’s manual, chapter **Airbag system**.
Seek advice on predetermined installation points for the external antenna or equipment holder and ways of using devices with a transmission power exceeding 10 watts.

Use of a 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.

---

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Phone

How can I pair my phone with the Infotainment system?

1. In order to pair a phone, press 📱, select the PHONE icon and then select Pair Device. Follow the instructions on your device and make sure Bluetooth is enabled.

Detailed description 69.

How can I access my phone book contacts and recent calls?

1. In order to access the contacts or calls list, press 📱, select the PHONE icon and then select CONTACTS or RECENT. Make sure access to the phone book and recent calls list is allowed on the phone. Depending on the phone, loading the phone book and recent calls list might take a few minutes.

Detailed description 71.

Favourites

How can I store a new favourite?

1. Activate the respective application and touch and hold a favourite screen button to store a new favourite in this location. A short beep sound confirms storing. In some cases, it is required to select a specific item.

Detailed description 18.

How can I rename, delete or move my favourites?

1. Press 📱, select the SETTINGS icon on the Home screen, Radio in the settings list and then Manage Favourites in order to rename, delete or move the favourites.

Detailed description 18.
Frequently asked questions

Where are the favourites stored and how can I recall them?

The favourites are stored in the favourites list. To recall a favourite, select the respective screen button on the favourites row displayed. On certain screens, the favourites list is hidden to extend the main content view. On these screens, select on the lower right of the screen or drag the interaction selector bar upwards with a finger. Detailed description 18.

Navigation

After entering a destination address, an error message is shown. What am I doing wrong?

For full address entry, the navigation system expects a certain input order. Depending on the country in which the entered address is located, a different input order might be required. Add the country name at the end of the entry, if a destination in another country has been entered. Detailed description 51.

How can I cancel active route guidance?

To cancel route guidance, select MENU in the interaction selector bar and then select Cancel Route. Detailed description 58.

Audio

How can I change the audio source?

By pressing RADIO repeatedly, you can toggle through all available radio sources (AM/FM/DAB). By pressing MEDIA repeatedly, you can toggle through all available media sources (USB, Bluetooth audio, CD, AUX). Detailed description for radio 31, CD 36, external devices 39.

How can I browse radio stations or media music?

To browse radio stations or media music, such as playlists or albums, select BROWSE on the audio screen. Detailed description for radio 31, CD 37, external devices 40.

Other

How can I improve the performance of the voice recognition?

The voice recognition is designed to understand naturally pronounced voice commands. Wait for the beep tone and speak afterwards. Try to speak naturally, not too fast or too loud. Detailed description 63.

How can I improve the touch screen's performance?

The touch screen is pressure-sensitive. Especially when doing drag gestures, try to apply more pressure with the finger. Detailed description 14.
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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 register a great number of stations on various favourites pages.

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

The digital sound processor provides you with several preset equaliser modes for sound optimisation.

In addition, the Infotainment system is equipped with a Phone portal that allows comfortable and safe use of your mobile phone in the vehicle.

Optionally, the Infotainment system can be operated using the control panel or the controls on the steering wheel.

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.

⚠️ 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

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.
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For a description of all other controls,
see Owner's manual.

2
\textbf{\textpagebreak}

\textbf{\textpagebreak}

Short press: select menu item on the Driver Information Centre

Long press: fast-scroll through a long contacts list on the Driver Information Centre

3
Press: confirm selection on the Driver Information Centre

4
Press: display application-specific main menu on the Driver Information Centre

5
\textbf{\textpagebreak}

Press upwards: increase volume
Press downwards: decrease volume
Introduction

6  " / "

Radio: press to select next / previous favourite on the Driver Information Centre ................................. 101

Media: press to select next / previous track on the Driver Information Centre .... 107

Driver Information Centre:

Usage

Control elements

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

Inputs are made optionally via:

- the control panel on the Infotainment system  90
- audio controls on the steering wheel  90

Switching the Infotainment system on or off

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

Press and hold  again to turn the system off.

Automatic switch-off

If the Infotainment system is switched on by pressing  while the ignition is switched off, it switches off again automatically after 10 minutes.

Setting the volume

Turn . The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume  97.

Speed compensated volume

When Auto volume is activated  97, the volume is adapted automatically to make up for the road and wind noises as you drive.
Mute function
Press ⊗ to mute the audio sources.
To cancel the mute function: turn ⊗.

Modes of operation

Radio
Press RADIO to open the radio main menu or to toggle between the different wavebands.
For a detailed description of the radio functions ▶ 100.

CD player
Press MEDIA repeatedly to activate the CD player.
For a detailed description of the CD player functions ▶ 106.

External devices
Press MEDIA repeatedly to activate the playback mode for a connected external device.
For a detailed descriptions on connecting and operating external devices ▶ 109.

Phone
Press  to display the Home screen.

Select PHONE to establish a Bluetooth connection between the Infotainment system and a mobile phone.
If a connection can be established, the main menu of the phone mode is displayed.
For a detailed description of mobile phone operation via the Infotainment system ▶ 116.
If no connection can be established, a corresponding message is displayed. For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone ▶ 113.
Basic operation

Instrument panel

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

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

Note
The selected item is highlighted.

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

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

Home button
Press 🎤 on the instrument panel to access the Home screen.

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

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

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

Tone settings
In the tone settings menu, the tone characteristics can be set. If adjusted in one menu, they are globally set within all source modes. The menu may be accessed from each individual audio main menu.
Press MENU, scroll through the list and select Tone Settings.

Setting bass, midrange, and treble
Scroll through the list and press MENU to activate Bass, Midrange or Treble.
Turn MENU to adjust the setting as desired.
Press MENU to confirm the setting.

Setting the volume distribution between front and rear
Scroll through the list and press MENU to activate Fade.
Turn MENU to adjust the setting as desired.
Press MENU to confirm the setting.

Setting the volume distribution between right and left
Scroll through the list and press MENU to activate Balance.
Turn MENU to adjust the setting as desired.
Press MENU to confirm the setting.

Selecting a tone style
Scroll through the list and press MENU to activate EQ (Equaliser).
The options offer optimised bass, middle and treble presettings for the relevant style of music.
Turn MENU to scroll through the different options.
Press MENU to confirm the selected option.

Note
If EQ is set to Custom, Bass, Midrange and Treble can be adjusted manually.
Volume settings

Maximum start-up volume
Press \( \text{\textregistered} \) and then select SETTINGS. Scroll through the list and select Radio and then Maximum Startup Volume.
Turn MENU to adjust the volume as desired.

Automatic Volume Adjustment
The volume may be adjusted automatically relative to the speed of the vehicle.
Press \( \text{\textregistered} \) and then select SETTINGS. Scroll through the list and select Radio and then Auto Volume.
To access the setting from an audio main menu, press MENU, scroll through the list and select Auto Volume.
To adjust the degree of volume adaptation, set Auto Volume to one of the available options.
Off: no enhancement of volume with increasing vehicle speed.
High: maximum enhancement of volume with increasing vehicle speed.

System settings
Various settings and adaptions for the Infotainment system can be performed via the SETTINGS application.

Time
Press \( \text{\textregistered} \) and then select SETTINGS. Select Time.

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

Clock Display
Select Clock Display to enter the respective submenu.
To turn off the digital clock display in the menus, select Off.

Language
Press \( \text{\textregistered} \) and then select SETTINGS. Select Language.
Scroll through the list and select the desired language.
Basic operation

Valet mode

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

Note
Vehicle-related messages remain enabled.

Locking the system
Press and then select SETTINGS. Scroll through the list and select Valet Mode. A keypad is displayed.

Enter a four-digit code and select ENTER. The keypad is redisplayed.

Unlocking the system
Turn the Infotainment system on. A keypad is displayed.

Enter the respective four-digit code and select UNLOCK. The system is unlocked.

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

Display
Press and then select SETTINGS.

Scroll through the list and select Display.
Select Turn Display Off to turn off the display.
To turn the display back on, press a button on the instrument panel.

Return to Factory Settings
Press and then select SETTINGS.
Scroll through the list and select Return to Factory Settings.

Restore Vehicle Settings
Select Restore Vehicle Settings to restore all vehicle personalisation settings. A warning message is displayed.
Select Restore. The settings are reset.

Clear All Private Data
Select Clear All Private Data to delete e.g. paired Bluetooth devices, stored phone books or favourites.
A warning message is displayed.
Select DELETE. The data is deleted.
Restore Radio Settings
Select **Restore Radio Settings** to reset Infotainment settings, e.g. tone settings.

A warning message is displayed.

Select **Restore**. The settings are reset.

Software Information

Press ⌘ and select **SETTINGS**.

Scroll through the list and select **Software Information**.

This menu contains specific information on the software.
100  Radio

Radio

Usage ........................................ 100
Station search ............................ 100
Favourite lists ............................. 101
Radio data system (RDS) ............ 103
Digital audio broadcasting ........... 104

Usage
The radio function is part of the AUDIO application.

Activating the radio function
Press RADIO.

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

Station search
Automatic station search
Press or to play the previous or next station.

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

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

AM waveband
Turn MENU and set the optimal reception frequency.
Station lists

FM or DAB waveband
Turn **MENU** to display a list of all stations currently receivable.
Scroll through the list and select the desired station.

AM waveband
Press **MENU** to open the waveband menu and then select **Station List**.
Select **All Strong Stations** to display a list of all stations currently receivable.
Scroll through the list and select the desired station.

Category lists

Numerous RDS 103 and DAB 104 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.
Press **MENU** to display the respective waveband menu and select **Categories**.
A list of programme type categories currently available is displayed.
Select the desired category. A list of stations is displayed transmitting a programme of the selected type.
Select the desired station.

Updating the station lists

FM and DAB waveband
Press **MENU** to open the waveband menu and select **Update Station List**.
The respective station list is updated

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

AM waveband
Press **MENU** to open the waveband menu and select **Station List**.

Select **Update Station List**.
The station list is updated

Favourite lists

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

25 individual favourite locations are available, displayed in five favourites per favourites page.
In the waveband main menus, a favourites page is displayed at the bottom of the screen by default.
To display the favourites list in all other menus, select one of the softkeys.
If a favourite location is occupied, the favourite screen button displays the label text of the respective favourite. If a favourite location is empty, the position number of the favourite location (1 to 25) is indicated.

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

**Retrieving a station**
If necessary, press ‹ or › to scroll to the respective favourites page.
Select the desired favourite screen button. The respective radio station is played.

**Note**
The active favourite is highlighted.

**Editing favourites**
Press ☰ and then select SETTINGS. Select Radio and then Manage Favorites.
All favourites are displayed on the screen.

**Deleting favourites**
Select the favourite you wish to delete.
Select DELETE. The favourite and all associated data are deleted.

**Moving favourites**
Select the favourite you wish to move and then select MOVE.
Select the favourite location to which the respective favourite may be moved and select DROP.
The favourite is moved to the new location.

**Defining the number of favourites shown**
Press ☰ and then select SETTINGS. Select Radio and then Number of Favorites Shown.
Select the desired option.

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

**Radio data system (RDS)**

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

**Advantages of RDS**

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

**FM menu**

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

**RDS**

Set **RDS** to **On** or **Off**.

**Traffic Programme (TP)**

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

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

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

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

**Region**

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

Set **Region** to **On** or **Off**.

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

Digital audio broadcasting
DAB broadcasts radio stations digitally.

Advantages of DAB

- DAB stations are indicated by the programme name instead of the broadcasting frequency.
- With DAB, several radio programmes (services) can be broadcasted on a single ensemble.
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.
- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises. If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This can be avoided by activating DAB to DAB Linking and/or DAB to FM Linking in the DAB option menu (see below).
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TP ◇ 103 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 menu
To configure the DAB settings options, activate the radio function and then select the DAB waveband. Press MENU to display the DAB menu.
DAB Announcements
Besides their music programmes, many DAB stations also broadcast announcements of various categories. If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.
Select DAB Announcements to display the DAB categories list. Select the desired categories. The selected categories are marked with ✓.

Note
DAB announcements can only be received if the DAB waveband is activated.

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

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

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

Intellitext
The Intellitext function allows for the reception of additional information such as announcements, financial information, sports, news etc.
Select one of the categories and choose a specific item from the list to display detailed information.
General information

The Infotainment system’s CD player can playback audio CDs and MP3/WMA CDs.

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.

Important information about audio CDs and MP3/WMA CDs

- The following CD formats can be used:
  CD, CD-R and CD-RW

- The following file formats can be used:
  ISO9660 Level 1, Level 2, Romeo, Joliet

MP3 and WMA files written in any format other than listed above may not play correctly, and their file names and folder names may not be displayed correctly.

- Audio CDs with copy protection, which are not in compliance with the audio CD standard, may not play correctly or not at all.

- Self-recorded CD-Rs and CD-RWs are more vulnerable to mishandling than prerecorded CDs. Correct handling, especially in the case of self-recorded CD-Rs and CD-RWs, must be ensured.

- Self-recorded CD-Rs and CD-RWs may not play correctly or not at all.

- On mixed mode CDs (combinations of audio and data, e.g. MP3), only the audio tracks will be detected and played.

- Avoid leaving fingerprints when you change CDs.
● Put CDs back in their sleeves immediately after removing them from the audio player in order to protect them from damage and dirt.

● Dirt and liquids on CDs can smear the lens of the audio player inside the device and cause faults.

● Protect CDs from heat and direct sunlight.

● The following restrictions apply for the data stored on an MP3/WMA CD:
  - Maximum file/song number: 800
  - Folders in depth hierarchy: 8
  - WMA files with Digital Rights Management (DRM) from online music shops cannot be played.
  - WMA files can only be played safely if they were created with Windows Media Player version 9 or later.
  - Applicable playlist extensions: .m3u, .pls

  Playlist entries must be in the form of relative paths.

● This chapter deals only with playing MP3 files since the operation for MP3 and WMA files is identical. When a CD with WMA files is loaded, MP3 related menus are displayed.

Usage

Starting CD playback
Push an audio or MP3 CD with the labelled side upwards into the CD slot until it is pulled in.
Repeatedly press MEDIA to activate the CD function.

Removing a CD
Press ▲. 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.

Function buttons

Pausing CD playback
Select the II screen button to pause playback.
Select ► to resume playback.
Skipping to previous or next track
Select ‹ or › to play the previous or next track.
Alternatively, turn MENU to skip to the previous or next track.

Fast forwarding or rewinding
Touch and hold ‹ or › to rewind or fast forward.

Playback order
To play the songs on the CD in random order, select ✰.

Note
If the shuffle function is activated, ✰ is highlighted in red.
To deactivate the shuffle function, select ✰ again.

Track list
Press MENU to display the CD menu and then select Browse CD Media.
The track list is displayed.

Note
The track currently playing is highlighted.

Scroll through the list and select the desired list item.

Note
For a detailed description of browsing MP3 CDs 110.
External devices

General information
An AUX and USB card socket for the connection of external devices is located underneath the armrest in the centre console. Find a detailed description on raising the armrest in the Owner’s Manual.

Note
The socket must always be kept clean and dry.

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

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

USB port
An MP3 player, USB device or Smartphone can be connected to the USB port.
When connected to the USB port, the devices mentioned above can be operated via the controls and menus of the Infotainment system. The Infotainment system can play music files contained in USB storage devices.

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

Connecting/disconnecting a device
Connect the USB device to the USB port.
External devices

**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 storage device.

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

**Bluetooth**

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

The Infotainment system can play music files contained in Bluetooth devices.

**Connecting a device**

For a detailed description on the Bluetooth connection 113.

**File formats**

Only devices formatted in the FAT32, NTFS and HFS+ file systems are supported.

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

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

The Infotainment system can play the following audio files stored on external devices:

- MP3, WMA, AAC and AIF.
- When playing a file with ID3 tag information, the Infotainment system can display information, e.g. on the track title and artist.

**Playing audio**

**Starting playback**

Connect the device 109. Repeatedly press MEDIA to activate the desired media source.

Example: USB main menu.

**Function buttons**

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

**Pausing playback**

Select II to pause playback.

Select ▶ to resume playback.
Skipping to previous or next file
Select ▼ or ▶ to play the previous or next track.
Alternatively, turn MENU to skip to the previous or next track.

Fast forwarding or rewinding
Touch and hold ▼ or ▶ to rewind or fast forward.

Playback order
To play the songs in random order, select ◐.

Note
In USB playback, the shuffle function is dependent on the filter mode selected for song playback, e.g. album, artist, genre.

To deactivate the shuffle function, select ◐ again.

Note
If the shuffle function is activated, ◐ is highlighted in red.

Browse function

Note
The browse function is not available for AUX and Bluetooth media sources.

Folders
(only available if a folder structure is stored on the device)
Press MENU and then select Folder View. The folder structure on the respective device is displayed.
If necessary, navigate through the folder structure and select the desired track.

Media categories
Press MENU and then select Browse. A list containing different browsing categories, e.g. Playlists, Artists or Albums, is displayed.
Scroll through the list and select the desired list item.
If necessary, navigate through the subcategories and select the desired track.
General information
The Phone portal provides you with the possibility of having mobile phone conversations via a vehicle microphone and the vehicle loudspeakers as well as operating the most important mobile phone functions via the Infotainment system in the vehicle. To be able to use the Phone portal, the mobile phone must be connected to the Infotainment system via Bluetooth.

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

Important information for operation and traffic safety

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

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

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

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

Bluetooth connection
Bluetooth is a radio standard for the wireless connection of e.g. mobile phones or other devices.
To be able to set up a Bluetooth connection to the Infotainment system, the Bluetooth function of the Bluetooth device must be activated. For further information, please consult the user guide of the Bluetooth device.

Via the Bluetooth settings menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out.

Bluetooth settings menu
Press ◀ and then select SETTINGS. Select Bluetooth to display the respective submenu.

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

Pairing via the settings application
1. Press ◀ and then select SETTINGS. Select Bluetooth to display the respective submenu.
2. Select Pair Device or select Device Management to display the device list and then select PAIR.
3. A message is displayed on the Infotainment system indicating the name and PIN code of the Infotainment system.
4. Start Bluetooth searching on the Bluetooth device to be paired.
5. Confirm pairing:
   - If SSP (secure simple pairing) is supported: Compare the PIN code (if demanded) and confirm the messages on the Infotainment system and the Bluetooth device.
   - If SSP (secure simple pairing) is not supported:
Enter the Infotainment PIN code on the Bluetooth device and confirm your input.

6. The Infotainment system and the device are paired.

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

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

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

8. If the device has been successfully paired, the device list is redisplayed.

**Note**
If the Bluetooth connection fails, a failure message is displayed on the screen of the Infotainment system.

---

**Pairing via the Phone application**

1. Press 📞 and then select PHONE. The phone main menu is displayed.
2. Select **Manage Phones** to display the device list.
3. Select **PAIR**.
4. Proceed from step 3 of "Pairing via the settings application" (see above).
5. If the device has been successfully paired, the phone menu is displayed.

**Note**
If the Bluetooth connection fails, a failure message is displayed on the screen of the Infotainment system.

---

**Pairing via the Audio application**

**Note**
The Bluetooth audio main menu is only available if a Bluetooth music device is already paired to the Infotainment system.

1. Repeatedly press MEDIA to display the Bluetooth music main menu and then press MENU.
2. Select **Manage Phones** to display the device list.
3. To pair a new device, select **PAIR**.
4. Proceed from step 3 of "Pairing via the settings application" (see above).
5. If the device has been successfully paired, the device list is redisplayed.

**Note**
If the Bluetooth connection fails, a failure message is displayed on the screen of the Infotainment system.

---

**Connecting a paired device**

1. Press 📞 and then select **SETTINGS**.
   Select **Bluetooth** to display the respective submenu.
2. Select **Device Management** to display the device list.
3. Select the Bluetooth device you wish to connect and then select CONNECT. You are prompted with a message.
4. Confirm the message. The device is connected and displayed within the Connected field of the device list.

Disconnecting a device
1. Press ☺ and then select SETTINGS. Select Bluetooth to display the respective submenu.
2. Select Device Management to display the device list.
3. Select the Bluetooth device you wish to disconnect and then select DROP. You are prompted with a message.
4. Confirm the message. The device is deleted from the list.

Deleting a device
1. Press ☺ and then select SETTINGS.

Select Bluetooth to display the respective submenu.
2. Select Device Management to display the device list.
3. Select the Bluetooth device you wish to delete and then select DELETE. You are prompted with a message.
4. Confirm the message. The device is deleted from the list.

Emergency call

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

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

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

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

\section*{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.

\textbf{Note}

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

\section*{Phone application}

Press \(\text{пуск}\) and then select PHONE to display the phone main menu.

\begin{itemize}
  \item **Note**
  If a call is active when entering the phone main menu, an additional menu item is displayed. Select \textbf{Active Call} to display the in-call view.

\end{itemize}

\section*{Initiating a phone call}

\subsection*{Keypad}

Press \(\text{пуск}\) and then select PHONE to display the phone main menu. Select \textbf{Keypad}. The keypad is displayed.

Turn \textbf{MENU} to highlight the digit you wish to enter and then press \textbf{MENU} to select the respective digit. Enter the desired number.

The autocomplete function compares the digits entered with the numbers stored within the system.

To display a list of all entries found, select MATCHES. Select the desired number.

Select \textbf{CALL} to initiate the phone call.

\subsection*{Contacts}

Press \(\text{пуск}\) and then select PHONE to display the phone main menu.
Select **Contacts**. The contacts list is displayed.

Scroll through the list and select the desired contact entry. The contact details view is displayed.

Select one of the phone numbers stored under that contact. The number is dialled.

**Calls lists**

Press 📞 and then select **PHONE** to display the phone main menu.

Select **Recent Calls**. The recent calls list is displayed.

**Note**
The recent calls list for the currently connected mobile phone is displayed.

Select one of the phone numbers stored in the recent calls list. The number is dialled.

**Incoming phone call**

**Taking a phone call**
If a radio or media source is active when a call comes in, the audio source is muted and remains muted until the call is ended.

A message with the caller's name or number is displayed.

To answer the call, select **ANSWER** in the message.

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

**Changing the ringtone**
Press 📞 and then select **SETTINGS**.
Select **Bluetooth** to display the respective submenu and then select **Ringtones**. A list of all phones paired to the Infotainment system and the ringtones currently selected for the respective phones is displayed.

Select the desired phone. A list of all ringtones available for the respective phone is displayed.

Select the desired ringtone.

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

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

**Deactivating the microphone**
Select **MUTE** to temporarily deactivate the microphone.
The screen button changes to **UNMUTE**.
To reactivate the microphone, select UNMUTE.

Deactivating the handsfree function
To continue the conversation on your mobile phone, select HANDSET.
The screen button changes to HNDFREE.
To reactivates the handsfree function, select HNDFREE.

Second phone call

Initiating a second phone call
To initiate a second phone call, select HOLD in the in-call view. The active phone call is put on hold.
Initiate a second phone call. If you wish to use the keypad, select KEYPAD in the in-call view. For a detailed description, see above.
Both calls are displayed in the in-call view.

Second incoming phone call
A message with the caller’s name or number is displayed.
Select SWITCH to answer the second phone call and put the first phone call on hold.
Select IGNORE to reject the second incoming phone call.

Ending the phone calls
The calls can be ended one at a time.
Select END. The call currently activated is ended.

Switching between the phone calls
Turn MENU to highlight the call you wish to activate.
Select SWITCH. The call currently activated is put on hold and the selected call becomes active.

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:

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

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

Use of a 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.
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