

ZAFIRA

Infotainment Manual



Contents

Navi 950	5
R 4.0 IntelliLink	69



Navi 950

Introduction	6
Basic operation	12
Radio	19
External devices	24
Navigation	28
Speech recognition	45
Phone	54
Frequently asked questions	63
Index	66

Introduction

General information	6
Theft-deterrent feature	7
Control elements overview	8
Usage	10

General information

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

The radio can easily be used by registering a large number of FM, AM and DAB (Digital Audio Broadcasting) radio stations with the 1...6 preset buttons.

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

The navigation system reliably guides you to your destination and, if desired, automatically avoids traffic jams or other traffic problems.

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

The Infotainment system can be operated using the instrument panel controls, the touch screen, the controls on the steering wheel or the speech recognition function.

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

Information on operation details and news on software updates can be obtained on our website.

Note

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

Important information on operation and traffic safety

Warning

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

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.

Warning

Areas such as one-way streets and pedestrian zones are not marked on the navigation system map. In such areas, the system may issue a warning that must be accepted. Therefore, pay particular attention to one-way streets and other roads and entrances that must not be driven 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.

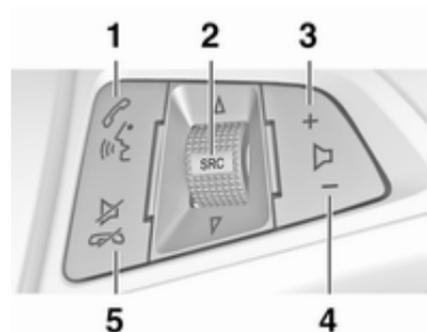
Control elements overview

Navi 950



- | | |
|---|---|
| <p>1 VOL</p> <p>Press: switch on/off Infotainment system 10</p> <p>Turn: adjust volume 10</p> <p>2 MENU SELECT</p> <p>Turn: mark menu options or set alphanumeric values .. 12</p> <p>Press: select/activate the marked option; confirm set value; switch function on/off; open audio or navigation menu 12</p> <p>3 BACK</p> <p>Menu: one level back 12</p> <p>Input: delete last character or entire entry 12</p> <p>4 HOME</p> <p>Access Home Page 12</p> <p>5 >></p> <p>Radio: search forwards 19</p> <p>External devices: skip track forwards 25</p> | <p>6 <<</p> <p>Radio: search backwards 19</p> <p>External devices: skip track backwards 25</p> <p>7 SRC (Source)</p> <p>Press to toggle through the different audio sources</p> <p>USB 24</p> <p>Bluetooth 24</p> <p>AM 19</p> <p>FM 19</p> <p>DAB 19</p> <p>8 </p> <p>Take phone call or activate/deactivate mute 57</p> <p>9 DEST</p> <p>Open navigation destination menu 34</p> <p>10 NAV</p> <p>Display map 30</p> |
|---|---|

Steering wheel audio controls



- 1**
- Short press: take phone call . 57
or dial number in call list 57
or activate speech recognition 45
- Long press: show call list 57
or activate voice pass-thru (if supported by phone) 45
- 2** **SRC (Source)**
- Press: select audio source 19

	With radio active: turn up/ down to select next/ previous preset radio station	19
	With external device active: turn up/down to select next/previous track	25
	With phone active: turn up/ down to select next/ previous entry in call list	57
	With phone active and calls waiting: turn up/down to switch between calls	57
3	+	
	Increase volume	10
4	–	
	Reduce volume	10
5		
	Short press: end/decline call	57
	or close call list	12

or activate/deactivate mute ...	10
or deactivate speech recognition	45

Usage

Control elements

The Infotainment system can be operated in different ways.

Inputs are made via:

- The central control unit on the instrument panel ↻ 8
- The touch screen ↻ 12
- Controls on the steering wheel ↻ 8
- The speech recognition system ↻ 45

Note

Only the most direct ways for menu operation are described in the subsequent chapters. In some cases, there may be other options.

Switching the Infotainment system on or off

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

Automatic switch-off

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

Setting the volume

Turn **VOL**. The current setting is shown in a pop-up at the bottom of the screen.

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.

The following volume settings can be set separately:

- The maximum start-up volume ↻ 16
- The volume of the traffic announcements ↻ 16
- The volume of the navigation messages ↻ 30

Auto volume

When auto volume is activated ↻ 16, the volume is adapted automatically to compensate for the road and wind noise as you drive.

Mute

Press **MUTE** to mute the audio sources.
To cancel mute again: turn **VOL** or press **MUTE** again.

Modes of operation

Audio players

Repeatedly press **SRC** to toggle between the AM, FM, USB, Bluetooth or DAB main menus.

For detailed descriptions of:

- USB port ↻ 24
- Bluetooth audio ↻ 24
- AM radio ↻ 19
- FM radio ↻ 19
- DAB radio ↻ 23

Navigation

Press **NAV** to display the map of the navigation application.

Press **MENU SELECT** to open a submenu with options for the input of destinations and the structuring of a route.

For a detailed description of the navigation functions ↻ 28.

Phone

Press **PHONE** to display the phone main menu with options for the input or selection of numbers.

For a detailed description of the mobile phone functions ↻ 54.

Basic operation

Basic operation	12
Tone settings	15
Volume settings	16
System settings	17

Basic operation

MENU SELECT knob

Turn the **MENU SELECT** knob:

- To mark a menu option.
- To set an alphanumeric value.

Press the **MENU SELECT** knob:

- To select or activate the marked option.
- To confirm a set value.
- To open an application or submenu.

Touch screen

Touch a screen button:

- To activate the respective option or function.
- To open an application or submenu.

Touch the screen and move your finger:

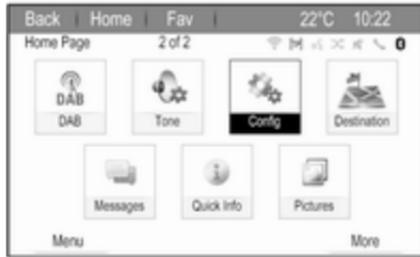
- To scroll a list.
- To scroll the map.

HOME button

Press **HOME** to access the **Home Page**.



To display the next home page, select **More** at the bottom of the screen.



You may then access the different applications.

BACK button or Back screen button

Press **BACK** or touch **Back** on the screen:

- To exit a menu or screen.
- To return from a submenu to the next higher menu level.
- To delete the last character in a character sequence.

Press and hold **BACK** or touch and hold **Back** for a few seconds to delete the entire entry.

Examples of menu operation

Selecting a screen element

To select a screen button or menu item, you may optionally:

- Touch the respective screen button or menu item.
- Turn **MENU SELECT** to move the cursor to the desired option and then press **MENU SELECT** to select the marked 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 will be described as "...select <button name>/<item name>".

Scrolling lists



If there are more menu items available in a list than presentable on the screen, a scroll bar is displayed.

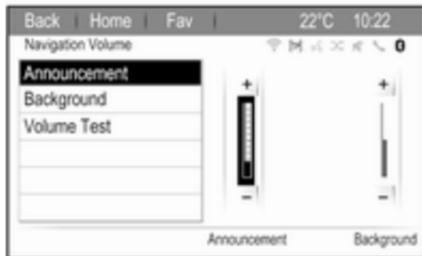
To scroll a list of menu items, you may optionally:

- Place your finger anywhere on the screen and move it upwards and downwards.
- Touch ∇ or \blacktriangle at the top and at the bottom of the scroll bar on the screen.
- Turn **MENU SELECT** clockwise to scroll downwards and anticlockwise to scroll upwards.

Note

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

Adjusting a setting



To adjust a setting, you may optionally:

- Touch the + or – screen buttons.
- Turn **MENU SELECT** to change the value of the setting and then press **MENU SELECT** to confirm the set value.

Note

In subsequent chapters, the operating steps for adjusting a setting will be described as "...adjust <setting name> to...".

Activating a menu item

To activate a menu item, you may optionally:

- Touch the respective list item.
- Turn **MENU SELECT** to move the cursor to the desired option and then press **MENU SELECT** to activate the menu item.

A checkmark or a point appear within the box or circle beside the respective menu item.



Note

In subsequent chapters, the operating steps for activating a menu item will be described as "...activate <item name>".

Entering a character sequence

To enter a character sequence, you may optionally:

- Touch the respective character screen button.
- Turn **MENU SELECT** to move the cursor to the desired character and then press **MENU SELECT** to enter the character.

The last character in the character sequence can be deleted by selecting **Del** or **Delete** on the screen.

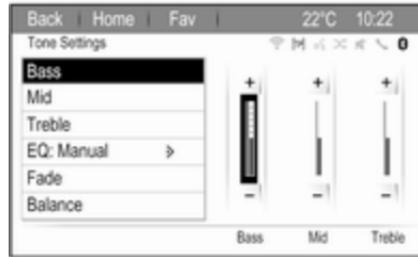


Note

In subsequent chapters, the operating steps for entering characters will be described as "...enter the desired characters...".

Tone settings

Press **HOME** and then select **More** at the bottom of the screen. On the second **Home Page**, select **Tone**. The tone settings menu is displayed.



Bass

Use this setting to enhance or attenuate the deep frequencies of the audio sources.

Adjust the setting as desired.

Mid

Use this setting to enhance or attenuate the midrange frequencies of the audio source.

Adjust the setting as desired.

Treble

Use this setting to enhance or attenuate the high frequencies of the audio sources.

Adjust the setting as desired.

EQ mode

(EQ: Equaliser)

Use this setting to optimise the tone for a specific style of music, e.g.

Rock or **Classical**.

Select **EQ**. A submenu with predefined sound styles is displayed.

Select the desired sound style.

If one of the predefined sound styles is selected, **Bass**, **Mid** and **Treble** are preadjusted by the system.

If you manually adjust one of the settings described above, **EQ** is set to **Manual**.

Fade and Balance

When **Fade** or **Balance** are selected, an illustration is displayed on the right side of the screen.



To adjust the volume distribution between the front and rear speakers in the vehicle, select **Fade**. Adjust the setting as desired.

To adjust the volume distribution between the left and right speakers in the vehicle, select **Balance**. Adjust the setting as desired.

Volume settings

Adjusting the Auto Volume

Press **HOME** and then select **Config** to display the settings menu.

Select **Radio Settings** and then **Auto Volume**.

To adjust the degree of volume adaptation, set **Auto Volume** to **Off**, **Low**, **Medium** or **High**.

Off: no enhancement of volume with increasing vehicle speed.

High: maximum enhancement of volume with increasing vehicle speed.

Adjusting the Startup Volume

Press **HOME** and then select **Config** to display the settings menu.

Select **Radio Settings** and then **Startup Volume**.

Adjust the setting as desired.

Adjusting the volume of traffic announcements

The volume of traffic announcements can be preset to a level independent of the "normal" volume level.

Press **HOME** and then select **Config** to display the settings menu.

Select **Radio Settings**, **RDS Options** and then **Traffic Volume**.

Adjust the setting as desired.

Note

While an announcement is being broadcasted, the volume can be adjusted by turning **VOL**.

Adjusting the Chime Volume

When operating the controls in the vehicle, beeping sounds confirm your actions. The volume of the beeping sounds may be adjusted.

Press **HOME** and then select **Config** to display the settings menu.

Select **Vehicle Settings**, **Comfort and Convenience** and then **Chime Volume**.

Select **Low** or **High**.

Adjusting the Navigation Volume

Press **HOME** and then select **Config** to display the settings menu.

Select **Navigation Settings**, **Voice Prompt** and then **Navigation Volume**.

To adjust the volume of the announcements, select **Announcement** and then adjust the setting as desired.

To adjust the volume of the audio source possibly playing in the background, select **Background** and then adjust the setting as desired.

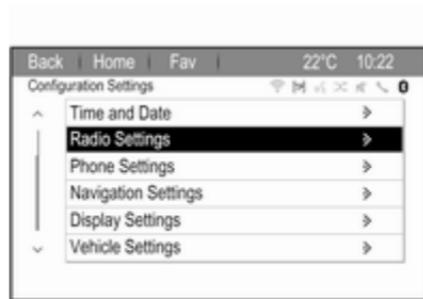
Select **Volume Test** to get an audio example of the settings.

Note

While an announcement is being broadcasted, the volume can be adjusted by turning \odot **VOL**.

System settings

Various Infotainment system settings may be adjusted via the **Config** application.



Language settings

Press **HOME**, select **Config** and then **Languages**.

A list of all languages available is displayed.

Select the desired language.

Time and date settings

Press **HOME**, select **Config** and then **Time and Date**.

Automatic time adjustment

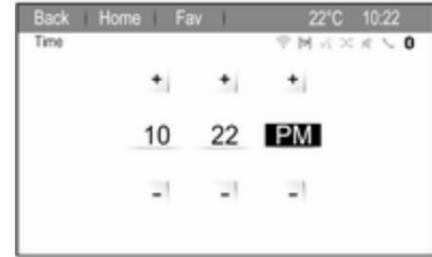
The system constantly receives information on the current time and date.

If you wish the time and date settings to be updated automatically, activate **RDS Auto Time Adjust**.

If you wish to set time and date manually, deactivate **RDS Auto Time Adjust**.

Set time

To adjust the time settings, select **Set Time**.



Adjust the settings as desired.

Set date

To adjust the date settings, select **Set Date**. Adjust the settings as desired.

Time format

To choose the desired time format, select **12 hr / 24 hr Format**. A submenu is displayed. Activate **12 Hour** or **24 Hour**.

Software information

Press **HOME**, select **Config** and then **Radio Settings**.

Scroll through the list and select **Software Versions Menu** to display the respective submenu.

Software version information

To display a list of all software versions installed, select **Software Version Information**.

By default, all versions are activated.

Software update

To update your system software, contact your workshop.

Log file

To generate a log file of your current software version, select **Create Log File**.

Licensing information

To display information on the manufacturer of the Infotainment system, select **Licensing Information**.

Factory defaults

To reset all Infotainment settings to their factory defaults, select **Clear and Reset Radio**.

Display settings

Press **HOME**, select **Config** and then **Display Settings**.

Home Page

Select **Home Page Menu** to display the home page settings menu.

To access the menu from the **Home Page**, select **Menu** at the bottom of the screen.

The **Home Page** may be adjusted according to your personal preferences.

Customise

The application icons displayed on the first home page may be chosen as desired.

Select **Customise** to display a list of all applications installed in the system. Activate the menu items of those applications you wish to be displayed on the first home page.

The other applications are then arranged on the following pages.

Sort

Up to eight application icons may be arranged on each home page.

The positions of the icons can be changed as desired.

Select **Sort** to display the home pages in edit mode.

Touch and hold the icon you want to move.

To swap this icon to a new position, select the icon in that desired position on the home page.

To confirm the change, select **Done**.

The two icons are swapped.

Home page defaults

To reset the **Home Page** to its factory defaults, select **Restore Home Page Defaults**.

Display Off

To turn the display off, select **Display Off**.

To turn the display back on, press any button on the Infotainment system (except the \odot **VOL** knob).

Radio

Usage	19
Station search	19
Favourite lists	20
Radio data system (RDS)	21
Digital audio broadcasting	23

Usage

Activating radio

Press **HOME** and then select **AM**, **FM** or **DAB**.

The station last selected is played.

Note

You may toggle between the different audio sources by pressing **SRC** or selecting **Source**.

Station search

Automatic station search

Briefly press **<<** or **>>** to play the next station in the station memory.

Manual station search

Press and hold **<<** or **>>**. Release the button when the required frequency has almost been reached on the frequency display.

Manual station tuning

To adjust the frequency, turn **MENU SELECT**.

Adjust the frequency as desired.

Station lists

Select **Menu** on the screen to display the respective radio menu.

Select the **Station List** menu item.

A list of all receivable stations of the relevant waveband and in the current reception area is displayed.

Note

If no station list has been created beforehand, the Infotainment system performs an automatic station search.



Select the desired station.

Note

The currently received station is marked by 📶.

Category list

Numerous 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 in the corresponding category list sorted by programme type.

Note

The category list submenu item is only available for the FM and the DAB wavebands.

To search for a programme type determined by the stations, select the waveband-specific category list option.

A list of programme types currently available is displayed.

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

Select the desired station.

Note

The currently received station is marked by 📶.

Updating the station lists

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

Note

The FM station list is updated automatically.

Select the corresponding list item in the waveband-specific menu to update a station list.

A station search is started. Once the search is finished, the station previously selected is played.

To cancel the station search, press **MENU SELECT**.

Note

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

Favourite lists

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



6 stations can be stored in each favourite list. The number of available favourite lists can be set (see below).

Note

The currently received station is highlighted.

Storing a station

Set the station to be stored.

Briefly select **Fav** at the top of the screen to open a favourite list or to switch to another favourite list.

To store the station in a list position: touch and hold the corresponding station screen button 1...6 until a confirmation message is displayed.

Retrieving a station

If required, briefly select **Fav** to open a favourite list or to switch to another favourite list. Select one of the station screen buttons 1...6 to activate the station stored in the respective location.

Defining the number of favourite pages

Press **HOME** and then select **Config** to open the settings menu.

Select **Radio Settings** and then **Number of Favourite Pages**.

Select the number of favourite pages you wish to be displayed.

Radio data system (RDS)

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

Advantages of RDS

- On the display the programme name of the set station appears instead of its frequency.
- During station search the Infotainment system tunes in to RDS stations only.
- The Infotainment system always tunes in to 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, for example, information on the current programme.

RDS Options menu

To open the menu for RDS configuration, press **HOME** and then select **Config** to open the settings menu.

Select **Radio Settings** and then **RDS Options**.



Activating the RDS function

Activate **RDS**.

Note

If **RDS** is deactivated, not all menu items of the **RDS Options** menu are displayed.

Regional

RDS stations sometimes broadcast regionally different programmes on different frequencies.

If **Regional** is activated, only alternative frequencies (AF) with the same regional programmes are selected.

If **Regional** is deactivated, alternative frequencies of the stations are selected without regard to regional programmes.

Text Scroll Freeze

Some RDS stations do not only show the programme service name on the display, but also additional information on the current programme. If additional information is displayed, the programme name is hidden.

To prevent additional information from being displayed, activate **Text Scroll Freeze**.

Radio Text

If RDS and the reception of an RDS station are activated, information on the radio programme currently active or the music track currently playing are displayed below the programme name.

To show or hide the information, activate or deactivate **Radio Text**.

Radio traffic service

(TP = Traffic Programme)

Radio traffic service stations are RDS stations that broadcast traffic news.

If the radio traffic service is switched on, radio or media playback is interrupted for the duration of the traffic announcement.

Switching the radio traffic service on and off

Press **HOME** and then select **Config** to open the settings menu.

Select **Radio Settings** and then **RDS Options**.

To switch the traffic announcement standby facility of the Infotainment system on and off, activate **TP**.

- If the radio traffic service is switched on, **[]** is indicated on the display.
- If the current station is not a radio traffic service station, a search is started automatically for the next radio traffic service station.
- If a radio traffic service station has been found, **[TP]** is indicated on the display.

Traffic announcement volume

To adjust the volume of traffic announcements, select **Traffic Volume**. The respective submenu is displayed. Adjust the setting as desired.

Listening to traffic announcements only

Switch on the radio traffic service and completely turn down the volume of the Infotainment system.

Blocking out traffic announcements

Select **Cancel** in the TP message on the screen.

The traffic announcement is cancelled, but the radio traffic service remains switched on.

Digital audio broadcasting

DAB broadcasts radio stations digitally.

General information

- 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.

- 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 too weak to be picked up by the receiver, the system switches over to the same programme on another DAB or FM station.

- 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** ⇨ 21 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate **TP** if DAB reception should not be interrupted by FM traffic announcements.

DAB announcements

Besides their music programmes, lots of DAB stations also broadcast announcements of various categories.

While in the DAB main menu, select **Menu** to open the **DAB menu** and then select **Announcements**.

If you activate some or all categories, the currently received DAB service is interrupted when an announcement of these categories is made.

Activate the desired categories.

External devices

General information	24
Playing audio	25
Displaying pictures	26

General information

A sockets for the connection of external devices is located in the centre console.

Note

The sockets must always be kept clean and dry.

USB port

An MP3 player, USB device or smartphone can be connected to the USB port. The Infotainment system can play music files or display pictures contained in auxiliary 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.

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 a device

For a detailed description on the Bluetooth connection ⇨ 55.

File formats

Audio files

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 playable audio file formats are .mp3, .wma, .aac and .m4a.

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

Picture files

The displayable picture file formats are .jpg, .jpeg, .bmp, .png and .gif.

The files must have a maximum size of 2048 pixels in width and 2048 pixels in height (4MP).

Gracenote

The Gracenote database contains information on media data currently available on the market.

When connecting external devices, the tracks or files are recognised by the Gracenote function.

If the Gracenote normalisation function is activated, spelling mistakes in MP3 tag data are automatically corrected. Due to this, media search results may be improved.

Press **HOME** and then select **Config**.

Select **Radio Settings** and then **Gracenote Options**.

Activate the Gracenote normalisation function.

Playing audio

Starting playback

If not connected, connect the device ↻ 24.

Press **HOME** and then select **USB** or **Bluetooth**.

Example: USB main menu



Function buttons

The media files on the USB and Bluetooth devices may be operated using the buttons on the Infotainment system.

Skipping to previous or next track

Press << or >> once or several times to skip to the previous or next track.

Fast forwarding or rewinding

Press and hold << or >> to fast forward or rewind the current track.

Audio menus

To display the respective audio menu, select **Config**.

Note

Not all menu items are available in all audio menus.



Shuffle function

Select **Menu** to display the USB or Bluetooth menu.

To play the tracks on the respective device in random order, activate **Shuffle**.

To return to the normal playing order, deactivate **Shuffle**.

Browsing

(only available in USB menus)

To search for a track within the structure, select one of the menu items, e.g. **Folders**, **Play Lists** or **Albums**.

Browse through the structure until you find the desired track.

Select the track to start playback.

Individual playlists

The system allows new playlists to be created via the Gracenote function. Similar tracks are put together on a list automatically generated by the system.

Select the track around which you wish to create a new playlist.

Select **Play More Like This...** in the respective audio menu. A new playlist is created and stored in **Play Lists**.

To delete a playlist generated by the system, select **Delete automatic playlist**. A list of all generated playlists is displayed. Select the playlist you wish to delete. The playlist is deleted.

Displaying pictures

Viewing pictures

Connect a USB device ⇨ 24.

Press **HOME** and then select **Pictures** to open the **Picture Viewer USB** menu.

A list of all pictures and picture folders found on the USB device is displayed.

Browse through the pictures and folders until you find the desired picture and select it. The picture is displayed.



Function buttons

Info button

Select **Info** at the bottom of the screen to display information on the picture stored on the USB device, e.g. a name or number. The respective information is displayed on the picture screen.

Skipping to the previous or next picture

Select < or > at the bottom of the screen to display the previous or next picture.

Slide show

To start a slideshow of all pictures stored in the respective picture folder, select ► at the bottom of the screen. The slideshow is started.

When the slideshow is started, ► changes to ||.

Select || to pause the slideshow.

Rotating the picture

Select ⌚ at the bottom of the screen to rotate the picture.

Picture menu

To display the picture menu, select **Menu** at the bottom of the screen.

Picture Viewer Main

Select **Picture Viewer Main** to display a list of all picture folders, see above.

Slideshow Timer

To adjust the time sequence in which one picture is shown during a slide show, select **Slideshow Timer**. The respective submenu is displayed. Select the desired option.

Shuffle Images

To display the pictures of a slide show in random order, activate **Shuffle Images**.

Navigation

General information	28
Usage	30
Destination input	34
Guidance	42

General information

The navigation application will reliably guide you to your destination without the need to read maps.

The current traffic situation is taken into account in the route calculation. For this reason, the Infotainment system receives traffic announcements in the current reception area via RDS-TMC.

The navigation application 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 application

The position and movement of the vehicle are detected by the navigation application using sensors. The travelled distance is determined by the vehicle's speedometer signal and 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 commands and a direction arrow, as well as with the aid of a multi-colour map display.

Information on the map display

To display the map around the current location, press **NAV**.

Route guidance not active



If route guidance is not active, the following information is displayed:

- In the upper left corner: a compass that indicates the north direction.
- Map display of the area around the current position.

- Current position: indicated by a red triangle within a grey circle.
- Points of interest (POI), e.g. petrol stations, parking areas or restaurants: indicated by corresponding symbols (if activated).

Route guidance active



If route guidance is active, the following information is displayed:

- In the top line: information on the audio source currently active and the time.
- In the upper left corner: a compass symbol that indicates the north direction.
- Map display of the area around the current position.
- Current position: indicated by a red triangle within a grey circle.
- Route: indicated by a blue line.
- Final destination: indicated by a black chequered flag.
- Waypoint (intermediate destination): indicated by a red diamond.
- Points of interest (POI), e.g. petrol stations, parking areas, or restaurants: indicated by corresponding symbols (if activated).
- Traffic incidents, e.g. traffic jam: indicated by corresponding symbols (if activated).

- On the left side: direction arrow and distance to the next manoeuvre.
- On the left side: remaining distance to the final destination or to the next waypoint.
- On the left side: estimated arrival time or remaining travel time.
- In the bottom line: street name of the current position.

Route simulation

The Infotainment system features a route simulation mode for test purposes.

To start the simulation mode, press **HOME**, select **Config** and then **Navigation Settings**.

Scroll through the list and select **Route Simulation** to display the respective submenu.

Starting position

Since the simulation mode does not draw on the GPS signal providing the current position of the vehicle, a start position must be set manually.

Use Last Known Position

To set the last position provided by a GPS signal as starting point, select **Use Last Known Position**.

Use Previous Destination

To use one of the last destinations entered as starting point, select **Use Previous Destination**. The previous destinations list is displayed.

Select the desired address.

Use Specified Location

To use a specific location as starting point, select **Use Specified Location**.

Enter an address. Find a detailed description ↗ 34.

Simulation mode is started.

Using the simulation mode

Enter an address and start guidance. Find a detailed description ↗ 34.

Cancelling simulation mode

To leave the simulation mode, press **HOME**, select **Config** and then **Navigation Settings**.

Scroll through the list and select **Route Simulation** to display the respective submenu.

Select **Cancel Route Simulation**.

Additional route simulation menu

When route guidance is active in the simulation mode, an additional menu is displayed in the **Navigation Menu**.

Select **Menu** to display the **Navigation Menu**. Scroll through the list and select **Route Simulation** to display the respective submenu.

To display the next simulated turning manoeuvre on the map, select **Next Manoeuvre**.

To stop the simulated route guidance, select **Stop Simulation**. The guidance process is stopped, the route guidance mode remains active.

Note

Alternatively, use the screen buttons on the map.

Usage

Map manipulation

The visible map section on the map display can be moved freely in all directions.

Move your finger across the screen to scroll the map.

To redisplay the map around the current location, select **Back** on the screen.

Map scale

When the map is displayed, select 15km in the lower left corner of the map. A scale bar is displayed at the bottom of the screen.

Adjust the setting as desired.

Map mode

The map may be displayed in three (route guidance not active), or five (route guidance active) different modes.

Repeatedly select  or press **NAV** to toggle between the different map modes.

Note

This function may also be accessed via the **Navigation Menu**.

The following options are available:

- **Full Map** ("Normal" view described above): Full screen map view, all functions and indication screen buttons displayed.
- **Full Glory**: Full screen map view, most functions and indication screen buttons hidden.
- **Split with Turn List**: Divided screen with map on the left and turn list on the right side.
- **Split with Turn Arrow**: Divided screen with map on the left side and turn arrow for the next turning manoeuvre on the right side.
- **Split with Media**: Divided screen with map on the left side and audio source currently active on the right side.

Heading indicator

Select **Menu** to display the **Navigation Menu**. Select **Heading Indicator** to display the respective submenu.

Select the desired option.

The following options are available:

- **2D North Up**: 2D view, north facing upwards.
- **2D Heading Up**: 2D view, driving direction facing upwards.
- **3D Heading Up**: 3D view, driving direction facing upwards.

Map display

Select **Menu** to display the **Navigation Menu**. Select **Map Settings** and then **Map Display** to display the respective submenu.

Depending on the external lighting conditions, activate **Day** or **Night**.

For an automatic adaption by the system, activate **Automatic**.

POIs on the map

Select **Menu** to display the **Navigation Menu**.

Select **Show POIs** to display the respective submenu.

If you wish all POIs available in the system to be displayed on the map, activate **Show all POIs**.

If you do not wish POIs to be displayed on the map, activate **Hide all POIs**.

To only display specific POIs, activate **User Defined** and then activate the POI categories you wish to be displayed.

Screen information

The route information displayed on the screen during active route guidance may be customised.

Select  to display the **Switch Route Time/Destination** menu.

Note

This menu may also be accessed via the **Navigation Menu**.

Time information

If you wish to change the time information displayed, select **Switch Arrival/Travel Time** to display the respective submenu.

Activate the information setting you wish to be displayed.

Destination information

If you are in a waypoint trip, you may want to display the route information for a waypoint instead of those for the final destination.

To change the setting, select **Switch Waypoint/Destination**. A list of all destinations in the waypoint trip currently active is displayed.

Activate the information setting you wish to be displayed.

Traffic

The TMC traffic information system receives all current traffic information from TMC radio stations. This information is included in the calculation of a route.

Note

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

Traffic incidents

Select  on the screen to display the **Traffic** menu.

Note

This menu may also be accessed via the **Navigation Menu**.

To display a list of all traffic events known for the area around the current vehicle location, select **All Traffic Events**.

To display a list of the traffic events concerning the current route, select **Traffic Events on Route**.

Traffic settings

Select **Traffic Settings** to display the respective submenu.

Note

This menu may also be accessed via the **Navigation Settings** menu.

Traffic Events

As default setting, the **Traffic Events** function is activated.

To deactivate the TMC traffic information system, unselect **Traffic Events**.

Recalculation of an active route

If a traffic problem occurs during active route guidance, the route may be changed.

Select **Alert if better route is available** to display the respective submenu.

If you wish the route to be constantly adapted to the current traffic situation, activate **Route Based on Traffic Conditions**.

Choose between **Automatic Recalculation** and **Recalculation after Confirmation** of a corresponding message.

Traffic incidents sorting

The traffic incidents lists may be sorted in different ways.

Select **Traffic Settings** in the **Traffic** menu and then **Sort Method**. The respective submenu is displayed.

Activate the desired option.

Traffic incidents on the map

Traffic incidents may be indicated on the map by corresponding symbols.

Select **Show Traffic Events on Map** to display the respective submenu.



Select the desired option.

If you want only certain incidents to be displayed on the map, activate **User Defined**. Scroll through the list and activate the desired traffic incidents categories.

TMC stations

The TMC stations broadcasting traffic information may be set automatically or manually.

Select **Traffic Stations** to display a selection mask.

Select the Mode entry field to display the respective submenu. Select the desired option.

If **Manual Station Selection** is chosen, a TMC station needs to be set.

Select the Station entry field to display the **Traffic Station List**.

Select the desired station.

Position information

Current position

Select **Menu** to display the **Navigation Menu**. Select **Current Position Info**.

On the right side of the screen, the current position is displayed on the map. On the left side, the GPS coordinates of the current position are shown.

Destination position

If route guidance is active, you may display information on the destination entered.

Select **Menu** to display the **Navigation Menu**. Select **Destination Position Info**.

On the right side of the screen, the destination is displayed on the map. On the left side, the address and the GPS coordinates of the destination are shown.

Saving a position

The current position or a destination position may be saved in the address book.

Select **Save**. Find a detailed description on saving addresses in the address book ↷ 34.

Destination input

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

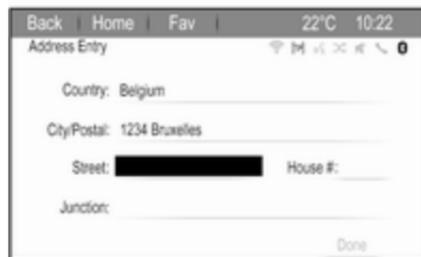
Press **DEST** (when route guidance is not active) to display the **Destination Entry** menu.



Manual address entry

Address Entry menu

Press **DEST** to display the **Destination Entry** menu and then select **Address Entry** to display a mask for address entry.



Select the Country entry field. A list is displayed. Select the desired country.

Select the City/Postal entry field to display a keyboard. Enter the desired city name or postal code (see below).

Select the Street entry field to redisplay the keyboard. Enter the desired street name (see below).

You may then enter a house number or junction.

Select the House number or Junction entry field. The keyboard is redisplayed. Enter the desired number or street name (see below).

Note

If a house number is not stored in the system database, the house number closest to the destination entered is used for route calculation.

If required, confirm your input.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Keyboard

Depending on the function selected, the keyboards may be displayed differently.



To change the letter arrangement on the letter keyboard, select **ABC** on the left side of the keyboard. The letters are now arranged in alphabetical order.

To enter a character sequence, successively select the desired characters.

Note

When entering an address, the keyboard uses an intelligent spelling function which automatically blocks out characters that cannot occur next in the respective character sequence.

To enter special characters not available on the letter keyboard, select **ÄÖ** at the right side of the letter keyboard. The special characters keyboard is displayed. Select the desired character.

To enter numbers or symbols, select **Sym** at the right side of the special characters keyboard. The symbols keyboard is displayed. Select the desired character.

To redisplay the letter keyboard, select **ABC** at the right side of the symbol keyboard. This way you may toggle between the three keyboards.

To delete characters already entered, select **Delete** at the right side of the respective keyboard.

When entering an address, a list of matching entries is automatically displayed as soon as the number of matching entries found in the address memory is equal to or less than six.

To display the last five entries made, select **Last 5** at the bottom of the keyboard.

Select the desired entry from the list.

Select **Done** displayed at the bottom of the keyboard.

Points of Interest

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

The data stored within the Infotainment system contain a great number of predefined POIs which are indicated by symbols on the map.

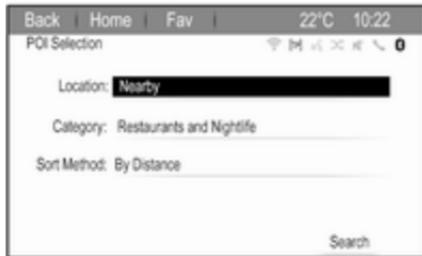
These POIs may be selected as destinations for route guidance.

Search menu

A POI may be selected using different search masks.

Press **DEST** to display the **Destination Entry** menu and then select **Points of Interest** to display the **POI List** menu.

Select **Category**, **Name** or **Telephone number**. The respective search mask is displayed.



Fill out the entry fields in the respective search mask.

Category search mask

Select the Location entry field to display a list. Select the desired option.

Select the Category entry field to display a POI category list. Select the desired category and then a subcategory from the list.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select **Search** at the bottom of the screen. A list of POIs or POI categories is displayed corresponding to the criteria entered. Select the desired menu item.

Name search mask

Select the Country entry field to display a list of all available countries. Select the desired country.

To specify the location, select the entry field for the city or postal code. A keyboard is displayed. Enter the desired name or number.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select **Search** at the bottom of the screen. The keyboard is redisplayed. Enter the name of the desired POI.

Telephone number search mask

Select the Country entry field to display a list of all available countries. Select the desired country.

Select the Sort Method entry field to display the respective submenu. Select **By Distance** or **By Name**.

Select the Number entry field to display a keypad. Enter the desired number.

When the respective search mask is filled out, a confirmation menu is displayed.

Select **Start Guidance** to start route guidance.

Category lists

Press **NAV** and then the multifunction knob to display the **Navigation Menu**. Select **Nearby POIs** or **POIs Along Route**. A POI category list is displayed.

Select the desired category, subcategories and then POI.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Previous Destinations

The last destinations selected or entered for route guidance are stored within the system.

Press **DEST** to display the **Destination Entry** menu and then select **Previous Destinations**.

A list of the last destinations is displayed sorted in reverse chronological order.

Select the desired address from the list.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

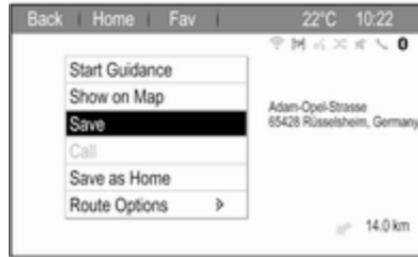
Address Book

The **Address Book** provides local storage space for addresses entered in the navigation application.

Storing addresses in the address book

To store an address in the address book, press **DEST** to display the **Destination Entry** menu.

Enter or select the desired address. The confirmation menu is displayed.



Select **Save**. The **Address Book Entry** mask is displayed.



Depending on the information available, the different entry fields are already filled.

To enter or modify the name of the respective location, select the Name entry field. A keyboard is displayed. Enter the desired name and confirm your input.

To modify the address, select the Address entry field. The address entry mask is displayed. Make your changes and confirm your input.

To enter or modify the phone number, select the Number entry field. A keypad is displayed. Enter the desired number.

If activated ⇨ 30, the address book entries are indicated on the map by POI icons. To change the icon indicating an address entry, select the Icon entry field. A list of all POI icons available within the system is displayed.

Scroll through the list and select the desired icon.

Select **Done** at the bottom of the entry mask. The address is stored.

Selecting addresses from the address book

Press **DEST** to display the **Destination Entry** menu and then select **Address Book**. A list of all address book entries is displayed.



Select the desired entry.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Editing addresses in the address book

Press **DEST** to display the **Destination Entry** menu and then select **Address Book**. A list of all address book entries is displayed.

Select the desired entry.

A confirmation menu is displayed. Select **Edit** to display the **Address Book Entry** mask.

Make your changes and confirm your input. The changes are stored in the address book.

Phone Book

Addresses stored in the phone book of the mobile phone connected may be selected as destinations.

Press **DEST** to display the **Destination Entry** menu and then select **Phone Book**. The **Phone Book Search** menu is displayed.

Select the desired first letter range to display a preselection of the telephone book entries you wish to be displayed. The phone book jumps to the position of the letter range selected.



Select the desired entry in the telephone book to display the address saved under this entry. Select the address.

Note

When the Infotainment system cannot find a valid address, you are prompted with a message.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Destination selection from the map

Destinations (addresses or POIs) may also be set via the map.

Press **NAV** to display the map.

Use the touch screen to centre the map around the desired destination. A red  is indicated on the map and the corresponding address is displayed on a label.



Select **Go**.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.

Note

If there is more than one POI located at the map position selected, this is indicated on the label. Activating **Go** then opens a list for selection.

My Home

You can permanently store your home address in the system.

Storing the home address

Press **DEST** to display the **Destination Entry** menu.

Enter your home address.

A confirmation menu is displayed. Select **Save as Home**.

You are prompted with a message. Confirm the message to save your home address.

Note

The home address is also stored in the address book.

Selecting the home address

Press **DEST** to display the **Destination Entry** menu and then select **My Home**.

Route guidance to the home address is started immediately.

Waypoint routes

When a destination has been entered and route guidance is active, intermediate destinations (waypoints) may be added to the route.

To set up a waypoint route during active route guidance, press **DEST** to open the **Route Menu** and then select **Destination List**. A submenu is displayed.



Adding waypoints

To add an intermediate destination, select **Add Waypoint**. The waypoint list is displayed.



Select **Add** at the position where you wish to add a waypoint. The **Destination Entry** menu is displayed.

Enter or select the desired destination. The confirmation menu is displayed.

Select **Add**. The route is recalculated and the waypoint list is redisplayed with the intermediate destination at the position selected.

Note

Up to four destinations may be stored in a waypoint list.

Deleting waypoints

To delete a waypoint, select **Delete Waypoint**. The waypoint list is displayed.

Select **Delete** next to the waypoint you wish to delete.

The waypoint is deleted and the map is redisplayed.

To delete the whole list and end route guidance, select **Delete All Destinations**.

Moving waypoints

To change the order of the waypoints in the route, select **Sort Waypoints**.

Select **Move** next to the waypoint you wish to move. The **Add Waypoint** menu is displayed.

Select **Add** at the position where you wish to drop the respective waypoint.

The route is recalculated and the order of the waypoints in the waypoint list is changed.

Favourite Routes

Storing waypoint routes

A waypoint route created (see above) may be saved as favourite route.

During an active waypoint route, press **DEST** to open the **Route Menu** and then select **Destination List**. A submenu is displayed.

Select **Save as favourite route**. A keyboard is displayed.

Enter a name for the favourite route and confirm your input.

The waypoint route is saved.

Creating new favourite routes

Press **DEST** to display the **Destination Entry** menu and then select **Favourite Routes** to display the **Favourite Route** menu.

Select **New Favourite Route**. A keyboard is displayed.



Enter a name for the favourite route and confirm your input. The **Favourite Route** menu is redisplayed.

Select the desired favourite route. A menu is displayed.



Create a waypoint route (see above). To change the name of the respective favourite route, select **Edit Name**. The keyboard for name entry is displayed. Enter the desired name and confirm your input

To delete the respective favourite route, select **Delete Favourite**. The favourite route is deleted and the **Favourite Route** menu is redisplayed.

Selecting a favourite route

Press **DEST** to display the **Destination Entry** menu and then select **Favourite Routes** to display a list of the favourite routes saved.

Select the desired route from the list. The route confirmation menu is displayed.

To start route guidance, select **Start Guidance**.

Latitude / Longitude

The GPS coordinates of a desired location may be used to set a destination.

Press **DEST** to display the **Destination Entry** menu and then select **Latitude**.

Select the Latitude entry field to display the **Geolocation Entry** menu.



Adjust the values as desired.

Select **BACK** to return to the next higher menu level.

Adjust the longitude values as described above and select **BACK** again to return to the next higher menu level.

Select **Search**.

A confirmation menu is displayed.

To start route guidance, select **Start Guidance**.

Deleting saved destinations

To delete destinations stored in the system, press **HOME** and then **Config**. Select **Navigation Settings** and then **Delete Saved Destinations**.

Activate the menu items of the storage location you wish to be cleared.

Select **Delete**. The selected storage locations are cleared.

Guidance

Starting and cancelling route guidance

Starting route guidance

Enter or select the desired address.

A confirmation menu is displayed. Select **Start Guidance** to start route guidance.



Cancelling route guidance

When route guidance is active, press **DEST** to display the **Route Menu**.

Select **Cancel Route** to cancel the current navigation session.

Guidance instructions

Route guidance is provided by voice prompts and visual instructions on the map (if activated).

Voice prompts

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

Press **HOME**, select **Config** and then **Navigation Settings**.

Select **Voice Prompt** to display the respective submenu.

If you wish the system to audibly indicate the next turning manoeuvre, activate **Navigation Voice Prompts**.

If you wish traffic alerts to be read out, activate **Traffic Alert Prompts**.

To adjust the volume during voice prompts, select **Navigation Volume**. The respective submenu is displayed.

To adjust the volume of voice prompts, select **Announcement** and then adjust the setting as desired.

To adjust the volume of the audio source possibly playing in the background, select **Background** and then adjust the setting as desired.

Select **Volume Test** to get an audio example of the settings.

If desired, activate **Mute Voice Prompts while in Calls**.

Guidance alerts

Guidance alerts show in a close-up view of the respective map section which direction to follow when approaching an intersection at which you need to turn.

Press **HOME**, select **Config** and then **Navigation Settings**.

Select **Guidance Alert** to display the respective submenu.

If you wish the display to automatically show the map when approaching the next turning manoeuvre, activate **Guidance Alert in Primary**.

If you wish turning manoeuvres to be displayed in a close-up view, activate **Guidance Alert in Map**.

Route tracking

The bread crumbs function allows tracking of the roads already taken in a route.

Routing

Press **HOME**, select **Config** to display the settings menu. Select **Navigation Settings** and then **Bread Crumbs**.

To start a tracking session, activate **Record**. The route taken is recorded and displayed as dotted line on the map.



To delete the bread crumbs already dropped in an active tracking session, select **Delete**. You are prompted with a message. Confirm the message to delete all bread crumbs.

To end the tracking session, deactivate **Record**. A keyboard is displayed.

Enter a name for the respective tracking session and select **Done**. The session is stored in the **Saved** list.

Bread Crumb Details menu

Press **HOME**, select **Config** to display the settings menu. Select **Navigation Settings** and then **Bread Crumbs**.

To display a list of all tracking sessions, select **Saved**. Select the desired tracking session to display the **Bread Crumb Details** menu.

To change the name of the respective tracking session, select **Edit Name**. A keyboard is displayed. Enter the desired name and select **Done**.

To directly display the whole tracking session in the respective map section, select **Show on Map**.

Select **Load** to display the bread crumb main menu. If you wish the respective tracking session to be constantly displayed on the map, activate **Display**.

To delete the respective tracking session, select **Delete**.

Route manipulation

When a route has been calculated, you may manually change certain parts or recalculate the whole route.

Turn List

The **Turn List** displays all streets and turning manoeuvres on the calculated route starting from the current location.

Press **DEST** and then select **Turn List**. The turn list is displayed.



To exclude certain streets from the route, select **Avoid** next to the respective street.

The route is recalculated and the respective street is excluded.

Avoid List

When streets have been excluded from the original route, they are displayed in the **Avoid List**.

Press **DEST** and then select **Avoid List** to display the respective submenu.

To display all streets avoided, select **View List**.

To delete all avoidances and return to the original route, select **Delete All Items**.

Detour

Press **DEST** and then select **Detour**.

To change the route for a certain distance, select **Detour By Distance**. A menu listing different distances is displayed.

Select the desired distance. The route is recalculated accordingly.

To block the whole route, select **Detour Complete Route**. The original route is blocked and a new route to the desired destination is calculated.

Cancel all blockages

To delete all blockages set for a route, select **Cancel all blockages**.

Exit list

To display a list of the next exits and motorway stations while driving on a motorway, press **NAV** and then select **Menu** to display the **Navigation Menu**. Scroll through the list and select **Exit List**.

Route options

When route guidance is active, press **DEST** and then select **Route Options**.

A list of route calculation options and road types is displayed.

To define by what criteria a route may be calculated, activate one of the options: **Fastest** for the fastest route (in time), **Shortest** for the shortest route (in distance) or **Eco** for the route with the lowest fuel consumption.

To define which road types may be included in the calculation of the route, activate the desired options: highways, tollroads, ferries, etc.

Speech recognition

General information	45
Usage	46
Speech commands overview	49

General information

Embedded speech recognition

The 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 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 completing the tasks. Most of them, except destination entry and voice keypad, can be completed in a single command.

If the action takes more than one command to be performed, proceed as follows:

In the first command, you indicate the type of action to be performed, e.g. "Navigation destination entry". The system replies with prompts that lead you through a dialogue for entering the necessary information. For example, if a destination for route guidance is needed, say "Navigation" or "Destination entry".

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.

Language support

- Not all languages available for the display of the Infotainment system are also available for the speech recognition.
- If the currently selected display language 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. Changing the display language, see "Language" in chapter "System settings" ⇨ 17.

Address input for 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 Infotainment 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" ⇨ 17.

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.

An example for the respective input order is given out by the system.

Voice pass-thru application

The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See the operating instructions for your smartphone to find out whether your smartphone supports this feature.

Usage

Embedded speech recognition

Activating speech recognition

Note

Speech recognition is not available during an active phone call.

Press **Ⓜ** on the right side of the steering wheel.

The audio system mutes, **Ⓜ** on the display is highlighted, and a voice output message prompts you to say a command.

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

You can now say a voice command to directly initiate a system function (e.g. playing a radio station), or to start a dialogue sequence with several dialogue steps (e.g. entering a destination address), see "Operation via speech commands" further below.

After a dialogue sequence is finished, the speech recognition is deactivated automatically. To initiate another dialogue sequence, you must activate the speech recognition again.

Adjusting the volume of voice prompts

Press + or – on the right side of the steering wheel.

Interrupting a voice prompt

As an experienced user, you can interrupt a voice prompt by briefly pressing ⌂ on the steering wheel.

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

Cancelling a dialogue sequence

There are several possibilities to cancel a dialogue sequence and to deactivate the speech recognition:

- Say "**Cancel**" or "**Exit**".
- Press ⌂ on the right side of the steering wheel.

In the following situations a dialogue sequence is automatically cancelled:

- If you do not say any commands for some 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 task.

For best results:

- Listen for the voice prompt and wait for the beep before saying a command or replying.
- Say "**Help**" if you want to listen again to the help prompt for the current dialogue step.

- The voice prompt can be interrupted by pressing ⌂ again. If you wish to directly speak your command, press ⌂ twice.
- Wait for the beep and then speak the command naturally. In most cases, recognition rates will be higher if pauses are kept to a minimum. Use short and direct commands.

Usually phone and audio commands can be spoken in a single command. For example, "Call David Smith", "Play" followed by the artist or song name, or "Tune to" followed by the radio frequency and the waveband.

Navigation destinations, however, are too complex for a single command. First, state "Navigation" and then, e.g. "Address" or "Point of Interest". The system responds with a request for more details.

After saying "Point 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, e.g. "Restaurants", "Shopping centres", or "Hospitals".

Direct commands are easier understood by the system, e.g. "Call 01234567".

If you say "Phone", the system understands that a phone call is requested and responds with relevant 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"

Note

Say the name of the person you want to call in the sorting order used in the phone book: "David Smith" or "Smith, David".

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, or press the back button on the faceplate 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 dialogue step, alternatively: say "**Back**", or press **BACK** on the Infotainment system.

The "Help" command

After saying "**Help**", the help prompt for the current dialogue step is read aloud.

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

Voice pass-thru application

Activating the voice pass-thru speech recognition

Press and hold  on the right side of the steering wheel.

Find further information in the operating instructions for your smartphone.

Adjusting the volume of voice prompts

Press + or – on the right side of the steering wheel.

Deactivating the voice pass-thru speech recognition

Press  on the right side of the steering wheel. The speech recognition session is ended.

Speech commands overview

The table below contains an overview of the most important speech commands.

Menu	Action	Speech commands
All menus	Confirming a system question	"(Yes Right OK Yeah Yep Correct)"
	Negating a system question	"(No Incorrect Wrong Nope)"
	Cancelling a session	"Cancel"
	Returning to previous step	"([Go] Back Return Previous)"
	Asking for assistance	"(Help Assistance) (Help Assist) Me" "More Commands"
	Activating or deactivating "Verbose"	"[Set] Verbose On" "[Set] Verbose Off"
	Requesting the current music source	"("What's" What is) playing [now]"

Menu	Action	Speech commands
Radio menu	Selecting a waveband	"[Tune [to] Select] F M [Radio]" "[Tune [to] Select] A M [Radio]" "[Tune [to] Select] D A B [Radio]"
	Selecting a station	"Tune F M ..." "Tune A M ..." "Tune D A B ..."
Media menu	Selecting a media source	"[Play Select] C D" "[Play Select] U S B" "[Play Select] Bluetooth Audio"
	Selecting a search category	"Play Artist ..." "Play Album ..." "Play Genre ..." "Play Folder ..." "Play Playlist ..." "Play Composer ..." "Play Audiobook ..."
	Selecting a song	"Play Song ..."

Menu	Action	Speech commands
Navigation menu	Entering a destination	"Directed [Destination] Address [entry] (enter go to navigate to) [Destination] Address Directed" "(Navigation Destination)", "[Destination] Address [entry] (Enter Go to Navigate to) [Destination] Address" "(Navigation Destination)", "[Destination] (Intersection Junction)"
	Entering a POI	"(Navigation Destination)", "(P O I (Place Point) of Interest)" "(Navigation Destination)", "(P O I (Place Point) of Interest) (nearby near me)" "(Navigation Destination)", "(P O I (Place Point) of Interest) (around near) destination" "(Navigation Destination)", "(P O I (Place Point) of Interest) along [the] (route way)"
	Entering the home address	"(Navigation Destination)", "[Go] [to] Home"
	Asking for the current location	"(Navigation Destination)", "Where am I [My] Current Location What is My Current Location"

Menu	Action	Speech commands
Navigation menu	Adding a waypoint	"(Navigation Destination)", "Add Waypoint Directed Address"
		"(Navigation Destination)", "Add Waypoint ([Destination] Address [entry] (Enter Go to Navigate to) [Destination] Address)"
		"(Navigation Destination)", "Add Waypoint (P O I (Place Point) of Interest)"
		"(Navigation Destination)", "Add Waypoint (Intersection Junction)"
		"(Navigation Destination)", "Add Waypoint [(Go Navigate) to] Contact"
		"(Navigation Destination)", "Add Waypoint [(Go Navigate) [to]] Home"
	Deleting a waypoint	"(Navigation Destination)", "Delete Waypoint"
	Cancelling route guidance	"(Navigation Destination)", "(Stop Cancel Turn Off End) (Navigation [My] [Current] Route Directions Route Guidance)"
	Activating/ deactivating voice guidance	"[Set Turn] Voice Guidance On"
		"[Set Turn] Voice Guidance Off"

Menu	Action	Speech commands
Phone menu	Pairing device	"(Pair Connect) [Device]"
	Dialling a number	"Digit Dial"
		"(Call Dial Ring) ..."
	Redialling the last number	"Redial [Last Number]"
	Erasing digits	"(Clear Erase)"
"(Clear Erase) All"		
Reading a text message	"[Read] (Messages Texts S M S)"	

... : dynamic spacer stands for the specific names to be inserted in that position

| : vertical bar separates alternatives

() : round brackets embrace alternatives

[] : square brackets designate optional parts of a command

, : comma separates necessary steps in a sequence

Phone

General information	54
Bluetooth connection	55
Emergency call	56
Operation	57
Text messages	60
Mobile phones and CB radio equipment	62

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 with it via Bluetooth.

The Phone portal can be operated optionally via the speech recognition system.

Not all Phone portal functions are supported by every mobile phone. The possible 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** menu, pairing (PIN code exchange between Bluetooth device and Infotainment system) and

connecting of the Bluetooth devices to the Infotainment system are carried out.

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.

Bluetooth menu

To open the **Bluetooth** menu, press **HOME** and then select **Config**. Select **Phone Settings** and then **Bluetooth**.

The menu items **Device list** and **Pair device** are displayed.

Pair device

To initiate the pairing process on the Infotainment system, select **Pair device**. A message with a four-digit Infotainment system code is displayed.

Initiate the pairing process on the Bluetooth device. If required, enter the Infotainment system code on the Bluetooth device.

A six-digit PIN code for the pairing process is displayed on the Infotainment system.

To confirm the pairing process:

- If SSP (secure simple pairing) is supported:

Compare the PIN codes displayed on the Infotainment system and on the Bluetooth device (if demanded) and confirm the message on the Bluetooth device.
- If SSP (secure simple pairing) is not supported:

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

The devices are paired and the phone main menu is displayed.

The phone book and call lists (if available) are downloaded from the Bluetooth device.

If required, confirm the corresponding message on the Bluetooth device.

Device list

The device list contains all Bluetooth devices paired to the Infotainment system.



If a new device is paired, it is displayed in the device list.

Connecting a device

Select the device you wish to connect. A submenu is displayed.

Select **Select**.

The device previously connected is disconnected and this device is connected.

Deleting a device

Select the device you wish to delete. A submenu is displayed.

Select **Delete**.

The device is deleted.

Emergency call

⚠ Warning

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

In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

⚠ Warning

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

The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.

Making an emergency call

Dial the emergency call number (e.g. 112).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.

⚠ Warning

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

Operation

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

After setting up a connection between the mobile phone and the Infotainment system, the mobile phone data is transmitted to the Infotainment system. This can take some time depending on the phone

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

Not every telephone supports all functions of the phone application. Therefore, deviations from the range of functions described are possible.

Phone main menu

To display the phone main menu, press . The following screen is displayed (if a mobile phone is connected).



Initiating a phone call

Entering a number

Press and then select **Enter number**. A keypad is displayed.



Enter the desired number.

Select **Del** on the screen to delete the last digit entered.

Select **▶** or **◀** on the screen to move the cursor within the number already entered.

To start dialling, select **OK**.

Note

You may access the phone book from the keypad by pressing **PB**.

Phone book

Press  and then select **Phone Book**. The **Phone Book Search** menu is displayed.



Select the desired first letter range to display a preselection of the telephone book entries you wish to be displayed. The phone book jumps to the position of the letter range selected.



Select the desired entry in the telephone book to display the numbers saved under this entry.

Select the desired number to start dialling.

Phone book sorting

The phone book may be sorted by last name or by first name.

To change the sorting order, select  and then **Phone Settings**.

Select **Sort Order** to display the respective submenu.

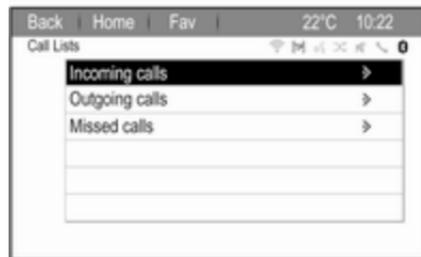
Activate the desired option.

Note

The sorting order has to be considered when using the speech recognition function, e.g. "Call David Smith" or "Call Smith, David".

Call lists

Press  and then select **Call Lists**. The **Call Lists** menu is displayed.



Select the desired call list. Depending on the list selected, the last incoming, outgoing or missed calls are displayed.

Select the desired entry in the call list to start dialling.

Incoming calls

When a call comes in, a message is displayed on the screen.



To take the call, select **Answer**.
To reject the call, select **Decline**.

Functions during a phone call

When a call is active, the in-call view is displayed.



Ending a phone call

To end the call, select **Hang up**.

Muting a call

To temporarily mute the microphone, activate **Mute call**.

Deactivate **Mute call** to unmute the microphone.

Transferring to handset

Select **Transfer to Handset** to transfer the call to the mobile phone. The **Private Call** menu is displayed.

To transfer the call back to the Infotainment system, select **Transfer call** in the **Private Call** menu.

Second phone call

Initiating a second phone call

While a call is active, select **Enter number** in the in-call view. The keypad is displayed. You may enter a number or select a number from the phone book, see above.

Second incoming phone call

When a second call comes in, a message is displayed at the bottom of the screen.

Select the desired option.

If the call is taken, the first call is put on hold and the second call becomes active.

Both calls are displayed in the in-call view.



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

Conference call

Select **Merge calls** to activate both calls at the same time.

Merge calls changes to **Detach call**.

To end a conference call, select **Detach call**.

Ending phone calls

In a conference call, select **Hang up** to end both phone calls.

Text messages

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

Not every phone supports the text messages function of the Infotainment system.

Activating the messages application on the mobile phone

The transmission of text message data to the Infotainment system must be activated on the mobile phone.

After connecting to the Infotainment system you may be prompted with a message on your mobile phone requesting permission to access the mobile phone text messages via the Infotainment system. Confirm the message.

If no message is displayed, access the Bluetooth menu on your mobile phone, select the name of the Infotainment system and activate the corresponding access function.

Note

Find detailed information for granting access on different mobile phones on our website.

The **Messages** icon in the Home menu of the Infotainment system is then selectable.

Incoming text message

When a new text message is received, you are prompted with a message indicating the name or number of the sender.



Select one of the options in the message.

Listen

If you wish the system to read out the message, select **Listen**.

View

To display the message on the screen, select the respective screen button.

Note

Messages are only displayed on the screen when the vehicle is parked.

Dismiss

To dismiss the message, select the respective screen button.

Reply

To directly answer the message, select **Reply**. A list of predefined messages is displayed.

Select the desired message and confirm your input.

The message is sent.

Note

New predefined messages may be created in the settings menu.

Call

To call the sender of the text message, select **Call**.

Inbox

Press **HOME** and then select **Messages** to display the respective menu.

Select **Inbox** to display a list of all inbox messages.



Select the desired message. The message is displayed on the screen.

Note

Messages are only displayed on the screen when the vehicle is parked.

If desired, select one of the options at the bottom of the screen (see above).

Text message settings

Manage Predefined Messages

Press **HOME** and then select **Messages** to display the respective menu.

Select **Settings** to display the respective submenu.

To add new predefined messages, select **Manage Predefined Messages** and then **Add New Predefined Message**. A keyboard is displayed.

Enter the message and confirm your input. The message appears in the **Predefined Messages** list.

Text Alerts

Press **HOME** and then select **Messages** to display the respective menu.

Select **Settings** and then **Text Alerts**.

To define how an incoming text message is indicated by the system, activate the desired option.

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 needs to be professionally installed to obtain the maximum range possible.
- Maximum transmission power: 10 watts.
- The mobile phone needs to be installed in a suitable spot. Consider relevant note in the Owner's Manual, section **Airbag system**.

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

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

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

Warning

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

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.

Frequently asked questions

Frequently asked questions 63

Frequently asked questions

Speech recognition

- ❓ **The speech recognition function does not work very well. How can I improve its performance?**
- ❗ Wait for the beep and then try to speak the command naturally. Avoid long pauses, use little accentuation and speak at a moderate volume.
Detailed description ⇨ 46.
- ❓ **The voice prompts given out by the speech recognition system are too long. How can I interrupt them to directly speak a command?**
- ❗ To interrupt the voice prompt of the speech recognition system, press **Ⓜ** on the steering wheel. Wait for the beep and then speak your command.
Detailed description ⇨ 46.

- ❓ **I cannot select a phone contact via speech recognition. What am I doing wrong?**
- ❗ The Infotainment system accesses the phone book entries as they are stored. If the sorting order is set to "last name, first name", the correct command for calling John Smith is "Smith, John".
Detailed description ⇨ 45.
- ❓ **I cannot enter an address located in another country via speech recognition. What am I doing wrong?**
- ❗ Via speech recognition, you can only enter addresses for destinations located in the country whose language is selected as system language, e.g. if the system is set to German, you cannot enter a destination located in France.
Detailed description ⇨ 45.

Phone

- ② **How can I pair my phone with the Infotainment system?**
- ① In order to pair a phone, press /📶, select **Phone Settings** and then **Bluetooth**. Select **Pair device** and follow the instruction on the Infotainment system and your mobile phone. Make sure Bluetooth is enabled.
Detailed description ⇨ 55.
- ② **How can I access my phone book or recent calls list via the Infotainment system?**
- ① Depending on the phone, you must allow access to the respective data in the settings of your mobile phone. In general, the download of the phone book and recent calls list is not supported by all mobile phones.
Detailed description ⇨ 55.

- ② **Although access to my phone book has been granted, not all contacts are available in the Infotainment system. Why is that?**
- ① Depending on the phone, contacts stored on the SIM card cannot be read by the Infotainment system.
Detailed description ⇨ 55.

Navigation

- ② **How can I toggle between total driving time or remaining driving time and total distance or partial distance?**
- ① When the navigation application is active, press the multifunction knob to display the **Navigation Menu**. Select **Switch Route Time/Destination** and adjust the settings as desired.
Detailed description ⇨ 30.
- ② **When pressing DEST/NAV, different menus are displayed sometimes. Why is that?**
- ① If route guidance is active, the destination application is displayed for you to select a destination.

- Detailed description ⇨ 34.
If route guidance is not active, the **Route Menu** is displayed.
Detailed description ⇨ 42.

Audio

- ② **When playing media files from a device connected via Bluetooth, the track title and artist are not displayed in the Infotainment system and the media browse function is not available. Why is that?**
- ① When connecting a device via Bluetooth, due to the Bluetooth protocol supported only restricted functions are available.
Detailed description ⇨ 25.
- ② **The Infotainment system does not have a tone button on the faceplate. How can I change the tone settings?**
- ① The tone settings menu is accessible via the **Home Page**. Press  and then select **More** to display the second **Home Page**. To access the tone settings menu, select **Tone**.

Detailed description ↗ 15.

Index

A

Activating Bluetooth music.....	25
Activating radio.....	19
Activating the Infotainment system	10
Activating the navigation system. .	30
Activating the phone portal.....	57
Activating USB audio.....	25
Activating USB picture.....	26
Address book.....	34
Audio CUE volume.....	16
Audio files.....	24
Auto volume.....	16

B

BACK button.....	12
Balance.....	15
Basic operation.....	12
Bass.....	15
Bluetooth connection.....	55
Bluetooth music.....	24
Bread crumbs.....	42

C

Category list.....	19
Chime volume.....	16
Control elements	
Infotainment system.....	8
Steering wheel.....	8
Control elements overview.....	8

D

DAB.....	23
Date.....	17
Destination input	34
Digital audio broadcasting.....	23
Display.....	17
Displaying pictures.....	26

E

Emergency call.....	56
EQ.....	15
Equaliser.....	15

F

Factory defaults.....	17
Fader.....	15
Favourite lists.....	20
Retrieving stations.....	20
Storing stations.....	20
File formats	
Audio files.....	24
Picture files.....	24
Frequently asked questions.....	63

G

General information....	24, 28, 45, 54
Bluetooth music.....	24
Infotainment system.....	6
Navigation.....	28
Phone portal.....	54

Radio.....	19
USB.....	24
Gracenote.....	24
Guidance	42

H

Home address.....	34
Home Page.....	12, 17

I

Infotainment control panel.....	8
---------------------------------	---

K

Keyboard.....	34
---------------	----

L

Language.....	17
---------------	----

M

Maps.....	30
Maximum startup volume.....	16
Menu operation.....	12
Messages.....	12
Midrange.....	15
Mobile phones and CB radio equipment	62
Multifunction knob.....	12
Mute.....	10

N

Navigation	
Address book.....	34
Bread crumbs.....	42
Coordinates.....	34
Current location.....	30
Destination input.....	34
Favourite routes.....	34
General settings.....	30
Guidance alerts.....	42
Home address.....	34
Keyboard.....	34
Map display.....	30
Map manipulation.....	30
POIs.....	34
Recent destinations.....	34
Route guidance.....	42
Route options.....	42
Route simulation.....	30
Route tracking.....	42
TMC stations.....	42
Traffic incidents.....	42
Turn list.....	42
Voice prompts.....	42
Waypoint trip.....	34
Navigation system.....	28
Navigation volume.....	16

O

Operation.....	57
Bluetooth music.....	25
Infotainment system.....	10
Menu.....	12
Navigation system.....	30
Phone.....	57
Radio.....	19
USB.....	25, 26

P

Pairing.....	55
Phone	
Bluetooth.....	54
Bluetooth connection.....	55
Conference call.....	57
Emergency calls.....	56
Functions during a call.....	57
Phone book.....	57
Recent calls.....	57
Text messages.....	60
Phone book.....	34, 57
Phone call	
Initiating.....	57
Taking.....	57
Picture files.....	24
Pictures.....	26
Playing audio.....	25
POIs.....	34

R

Radio	
Category list.....	19
DAB.....	23
DAB announcements.....	23
Digital Audio Broadcasting.....	23
Favourite lists.....	20
Radio Data System.....	21
RDS.....	21
RDS Options menu.....	21
Regional.....	21
Retrieving stations.....	20
Station list.....	19
Station search.....	19
Storing stations.....	20
TP.....	21
Traffic Programme.....	21
Waveband selection.....	19
Radio data system (RDS)	21
Regionalisation.....	21
Route guidance.....	42
Route simulation.....	30

S

Software update.....	17
Speech commands overview.....	49
Speech recognition.....	45
Station list.....	19
Station search.....	19

Switching the Infotainment system on.....	10
System settings.....	17
Display.....	17
Home Page.....	17
Language.....	17
Software.....	17
Time and Date.....	17

T

TA.....	21
TA volume.....	16
Text messages.....	60
Theft-deterrent feature	7
Time.....	17
Time format.....	17
TMC.....	42
Tone settings.....	15
TP.....	21
Traffic incidents.....	42
Traffic programme.....	21
Treble.....	15
Turn list.....	42

U

Usage.....	10, 19, 30, 46
Bluetooth music.....	25
Infotainment system.....	10
Navigation system.....	30

Phone.....	57
USB.....	25, 26
USB.....	24

V

Voice recognition.....	45
Volume	
Audio Cue volume.....	16
Auto volume.....	16
Chime volume.....	16
Maximum startup volume.....	16
Mute function.....	10
Navigation volume.....	16
Volume of traffic announcements.....	16
Volume settings.....	16

W

Waveband selection.....	19
Waypoint trip.....	34

R 4.0 IntelliLink

Introduction	70
Basic operation	78
Radio	84
External devices	90
Speech recognition	97
Phone	98
Index	108

Introduction

General information	70
Theft-deterrent feature	71
Control elements overview	72
Usage	75

General information

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

Using radio tuner functions, you may register up to 25 stations on five favourites pages.

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

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

You can operate specific smartphone applications via the Infotainment system.

Optionally, the Infotainment system can be operated using the touch screen and buttons on the control panel, the controls on the steering wheel, or - if provided by your mobile phone - via speech recognition.

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

Note

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

Important information on operation and traffic safety

Warning

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

Radio reception

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

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

Theft-deterrent feature

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

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

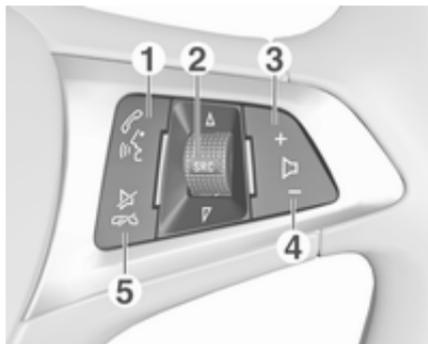
Control elements overview

Control panel



- | | | |
|---|--|---|
| <p>1 Display / Touch screen 78</p> <p>2 Home menu 78</p> <p>Screen buttons for access to:</p> <p>AUDIO: audio functions</p> <p>GALLERY: picture and movie functions</p> <p>PHONE: mobile phone functions</p> <p>PROJECTION: phone projection</p> <p>NAV: BringGo® app</p> <p>SETTINGS: system settings</p> <p>OnStar: OnStar Wi-Fi settings 75</p> <p>3 Time, date and temperature indicators 82</p> <p>4 </p> <p>Short press: open phone menu 102</p> <p>or open phone projection function (if activated) 95</p> <p>Long press: activate speech recognition 97</p> | <p>5 </p> <p>Short press: skip to next station when radio active 84</p> <p>or skip to next track when external devices active 92</p> <p>Long press: seek up when radio active 84</p> <p>or fast forward when external devices active 92</p> <p>6 </p> <p>Short press: switch on Infotainment system if turned off 75</p> <p>or mute system if turned on . 75</p> <p>Long press: switch off Infotainment system 75</p> <p>Turn: adjust volume 75</p> <p>7 </p> <p>Short press: skip to previous station when radio active 84</p> | <p>or skip to previous track when external devices active 92</p> <p>Long press: seek down when radio active 84</p> <p>or fast rewind when external devices active 92</p> <p>8 </p> <p>Short press: open home menu 75</p> <p>Long press: open phone projection function (if activated) 95</p> |
|---|--|---|

Steering wheel controls



- 1  Short press: open OnStar menu if no phone connected 75
 or take phone call if phone connected 98
 or dial last number in call list when phone menu displayed 102

- or switch between calls when calls are waiting 102
 Long press: activate speech recognition 97
 2 SRC (Source) 75
 Press: select audio source 75
 Turn upwards/downwards: select next/previous preset radio station when radio active 84
 or select next/previous track/chapter/picture when external devices active 92
 or select next/previous entry in call list when phone portal active and call list open 102
 Turn upwards/downwards and hold: scroll quickly through the entries in the call list 102
 3 +
 Press: increase volume

- 4 -
 Press: reduce volume
 5 
 Press: end/decline call 102
 or deactivate speech recognition 97
 or activate/deactivate mute function 75

Usage

Control elements

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

Inputs are made optionally via:

- the central control unit in the control panel ↗ 72
- the touch screen ↗ 78
- audio controls on the steering wheel ↗ 72
- the speech recognition ↗ 97

Switching the Infotainment system on or off

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

Automatic switch-off

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

Setting the volume

Turn . The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that it is lower than the maximum start-up volume. For a detailed description ↗ 81.

Speed compensated volume

When the speed compensated volume is activated ↗ 81, the volume is adapted automatically to make up for the road and wind noise as you drive.

Mute

Press  to mute the Infotainment system.

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

Modes of operation

Press  to display the home menu.



Note

For a detailed description of menu operation via touch screen ↗ 78.

AUDIO

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

Select **Source** on the screen to display the interaction selector bar.



To change to another audio mode: touch one of the items in the interaction selector bar.

For a detailed description of:

- Radio functions ↪ 84
- External devices (**USB**, **Bluetooth**) ↪ 92

Note

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

GALLERY

Select **GALLERY** to open the picture and movie menu for files stored on an external device such as USB device or smartphone.

Select  or  to display the picture or movie menu. Select the desired picture or movie file to show the respective item on the display.



For a detailed description of:

- Picture functions ↪ 93
- Movie functions ↪ 94

PHONE

Before the phone portal can be used, a connection has to be established between the Infotainment system and the mobile phone.

For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone ↪ 98.

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



For a detailed description of mobile phone operation via the Infotainment system ↪ 102.

PROJECTION

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

Select **PROJECTION** to start the projection function.

Depending on the smartphone connected, a main menu with different selectable apps is displayed.

For a detailed description ⇨ 95.

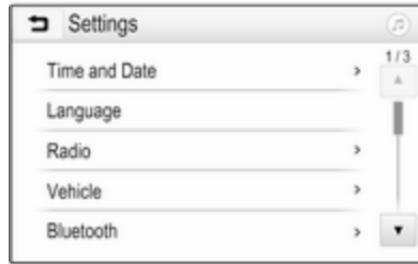
NAV

To start the BringGo navigation application, select **NAV**.

For a detailed description ⇨ 95.

SETTINGS

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



OnStar

To display a menu with the OnStar Wi-Fi settings, select **OnStar**.

For a detailed description, see Owner's Manual.

Basic operation

Basic operation	78
Tone settings	80
Volume settings	81
System settings	82

Basic operation

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

Caution

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

↩ screen button



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

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

Selecting or activating a screen button or menu item



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

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 on the home menu

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

Note

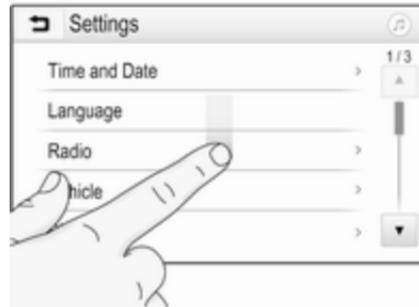
Constant pressure must be applied and the finger must be moved at a constant speed.

All other items are rearranged.

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

Note

Edit mode exits automatically after 30 seconds of inactivity.

Scrolling lists

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

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

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

Note

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

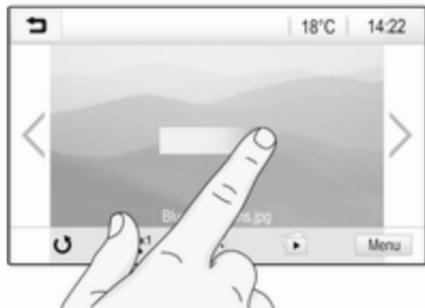
- Touch ▼ or ▲ at the top or bottom of the scroll bar.
- Move the slider of the scroll bar up and down with your finger.

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

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>".

Scrolling pages



Note

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

To scroll from one page to another:

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

Note

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

- Touch > or < on the screen.

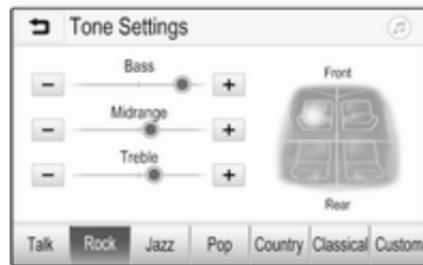
Note

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

Tone settings

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

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



Equaliser mode

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

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

Bass

Use this setting to enhance or attenuate the deep frequencies of the audio sources.

Touch + or - to adjust the setting.

Midrange

Use this setting to enhance or attenuate the midrange frequencies of the audio source.

Touch + or - to adjust the setting.

Treble

Use this setting to enhance or attenuate the high frequencies of the audio sources.

Touch + or - to adjust the setting.

Setting balance and fader

Use the illustration at the right side of the menu to adjust balance and fader.

To define the point in the passenger compartment where the sound is at its highest level, touch the corresponding point in the illustration. Alternatively, you can move the red marker to the desired point.

Note

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

Volume settings

Adjusting the maximum startup volume

Press  and then select **Settings**.

Select **Radio**, scroll through the list and then select **Max Startup Volume**.

Touch + or - to adjust the setting.

Adjusting the speed compensated volume

Press  and then select **Settings**.

Select **Radio**, scroll through the list and then select **Auto Volume**.

To adjust the degree of volume adaptation, select one of the options in the list.

Off: no enhancement of volume with increasing vehicle speed.

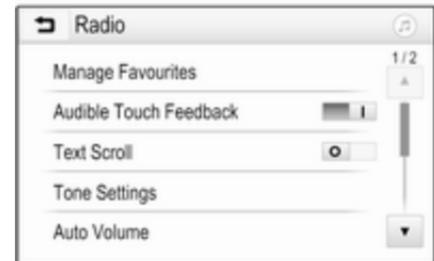
High: maximum enhancement of volume with increasing vehicle speed.

Activating or deactivating the audible touch feedback function

If the audible touch feedback function is activated, each touch of a screen button or menu item is indicated by a beeping sound.

Press  and then select **Settings**.

Select **Radio** and then scroll through the list to **Audible Touch Feedback**.



Touch the screen button next to **Audible Touch Feedback** to activate or deactivate the function.

Volume of traffic announcements

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

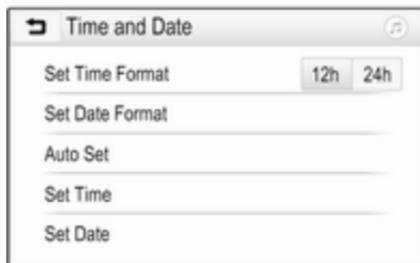
System settings

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

Time and date settings

Press  and then select **Settings**.

Select **Time and Date** to display the respective submenu.



Set Time Format

To select the desired time format, touch the screen buttons **12 h** or **24 h**.

Set Date Format

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

Auto Set

To choose whether time and date are to be set automatically or manually, select **Auto Set**.

For time and date to be set automatically, select **On - RDS**.

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

Set time and date

To adjust the time and date settings, select **Set Time** or **Set Date**.

Touch **+** and **-** to adjust the settings.

Language settings

Press  and then select **Settings**.

Select **Language** to display the respective menu.

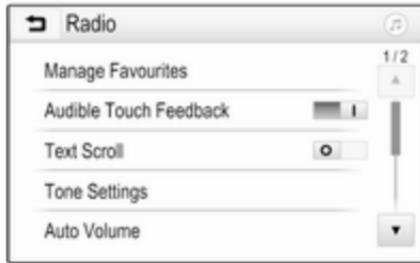
To adjust the language for the menu texts: touch the desired language.

Text scroll function

If long text is displayed on the screen, e.g. song titles or station names, the text may either be scrolled continually or it may be scrolled once and displayed in truncated form.

Press  and then select **Settings**.

Select **Radio**.



If you wish the text to be scrolled continually, activate **Text Scroll**.

If you wish the text to be scrolled in blocks, deactivate the setting.

Black display function

If you do not want to see the illuminated display, e.g. during night time, you can turn the display off.

Press  and then select **Settings**.

Scroll through the list and select **Turn Display Off**. The display is turned off; the audio functions remain active.

To turn the display on again, touch the screen or press a button.

Factory defaults

Press  and then select **Settings**.

Scroll through the list and select **Return to Factory Settings**.

To restore all vehicle personalisation settings, select **Restore Vehicle Settings**.

To delete the paired Bluetooth devices, the contacts list and the voice mail numbers stored, select **Clear All Private Data**.

To reset tone and volume settings, delete all favourites, and erase the ringtone selection, select **Restore Radio Settings**.

In each case, a warning message is displayed. Select **Continue** to reset the settings.

System version

Press  and then select **Settings**.

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

If a USB device is connected, you may save the vehicle information to this USB device.

Select **System Update** and then **Save Vehicle Info to USB**.

For a system update, contact your workshop.

Vehicle settings

Vehicle settings are described in the Owner's Manual.

Radio

Usage	84
Station search	84
Favourite lists	86
Radio data system (RDS)	87
Digital audio broadcasting	88

Usage

Activating radio

Press  and then select **AUDIO**. The audio main menu last selected is displayed.

Select **Source** in the bottom line of the active radio main menu to open the interaction selector bar.



Select the desired waveband.

The station last played in the selected waveband will be received.

Station search

Automatic station search



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

Manual station search

Press and hold  or  on the control panel. Release when the required frequency has almost been reached.

A search is made for the next station that can be received and it is played automatically.

Note

FM waveband: when the RDS function is activated, only RDS stations ⇨ 87 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations ⇨ 87 are searched for.

Station tuning

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

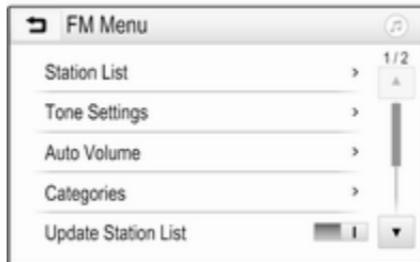


Enter the desired frequency. Use **←** to delete digits entered. If necessary, touch **◀** or **▶** to subsequently adjust the input.

Confirm the input to play the station.

Station lists

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



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

Select the desired station.

Note

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

Category lists

Numerous radio stations broadcast a PTY code, which specifies the type of programme transmitted (e.g. news). Some stations also change the PTY code depending on the content which is currently transmitted.

The Infotainment system stores these stations, sorted by programme type in the corresponding category list.

Note

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

To search for a programme type determined by the stations, select **Categories**.

A list of programme types currently available is displayed.

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

Select the desired station.

Note

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

Update station lists

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

Note

The FM station list is updated automatically.

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

Note

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

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

Note

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

Favourite lists

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



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

Note

The currently received station is highlighted.

Storing a station

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

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

Retrieving stations

If required, touch < or > to scroll to the desired favourite page.

Select the preset screen button on which the desired radio station is stored.

Defining the number of available favourites pages

To define the number of favourites pages displayed for selection, press ⚙ and then select **SETTINGS** on the screen.

Select **Radio** and then **Manage Favourites** to display the respective submenu.

Depending on which favourites pages you want to be displayed, activate or deactivate the pages.

Radio data system (RDS)

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

Advantages of RDS

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

RDS configuration

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

Scroll to **RDS**.

Activate or deactivate **RDS**.

Traffic Programme

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

Activating the traffic programme function

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

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

Note

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

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

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

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

Regionalisation

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

Select **Menu** in the bottom line of the FM radio main menu to open the corresponding waveband-specific submenu and scroll to **Region**

Activate or deactivate **Region**.

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

Digital audio broadcasting

DAB broadcasts radio stations digitally.

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

General information

- With DAB, several radio programmes (services) can be broadcast on a single ensemble.
- Besides high-quality digital audio services, DAB is also able to transmit programme-associated

data and a multitude of other data services including travel and traffic information.

- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.
- In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises.

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

- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is

improved, whereas AM or FM reception is considerably impaired in such cases.

- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TP ⇨ 87 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

DAB Announcements

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

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

Scroll through the list and select **DAB Announcements** to display a list of the categories available.

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

DAB-DAB Linking

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

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

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

DAB-FM Linking

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

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

L Band

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

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

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

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

Intellitext

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

Note

The content available depends on the station and region.

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

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

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

EPG

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

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

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

External devices

General information	90
Playing audio	92
Displaying pictures	93
Playing movies	94
Using smartphone applications ...	95

General information

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

Note

The USB port must always be kept clean and dry.

USB port

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

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

Note

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

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

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

Note

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

Connecting/disconnecting a device

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

Note

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

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

Caution

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

USB Auto Launch

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

If desired, this function can be deactivated.

Press  and then select **Settings** to open the settings menu.

Select **Radio**, scroll to **USB Auto Launch** and touch the screen button next to the function.

To reactivate the function, touch the screen button again.

Bluetooth

Devices which support the Bluetooth music profiles A2DP and AVRCP can be connected wirelessly to the Infotainment system. The Infotainment system can play music files contained in these devices.

Connecting a device

For a detailed description on how to establish a Bluetooth connection  99.

File formats and folders

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

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

Note

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

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

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

Audio files

The playable audio file formats are MP3 (MPEG-1 Layer 3, MPEG-2 Layer 3), WMA, AAC, AAC+, ALAC OGG WAF (PCM), AIFF, 3GPP (audio only), Audio Books and LPCM. iPod® and iPhone® devices play ALAC, AIFF, Audio Books and LPCM.

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

Picture files

The displayable picture file formats are JPG, JPEG, BMP, PNG and GIF. JPG files must be 64 to 5000 pixels in width and 64 to 5000 pixels in height. BMP, PNG and GIF files must be 64 to 1024 pixels in width and 64 to 1024 pixels in height.

The pictures should not exceed a file size of 1MB.

Movie files

The playable movie file formats are AVI and MP4.

The maximum resolution is 1280 x 720 pixels. The frame rate must be less than 30 fps.

The usable codec is H.264/MPEG-4 AVC.

The playable audio formats are MP3, AC3, AAC and WMA.

The displayable subtitle format is SMI.

Playing audio

Activating the music function

If the device is not yet connected to the Infotainment system, connect the device ↻ 90.

Usually, the respective audio main menu is displayed automatically.

If playback is not started automatically, e.g. if **USB Auto Launch** is deactivated ↻ 90, take the following steps:

Press  and then select **AUDIO** to open the audio main menu last selected.

Select **Source** in the interaction selector bar and then select the desired audio source to open the respective audio main menu.

Playback of the audio tracks starts automatically.



Function buttons

Interrupting and resuming playback

Touch  to interrupt playback. The screen button changes to .

Touch  to resume playback.

Playing the next or previous track

Touch  to play the next track.

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

Returning to the beginning of the current track

Touch  after two seconds of the track playing.

Fast forwarding and rewinding

Touch and hold  or . Release to return to normal playback mode.

Alternatively, you can move the slider showing the current track position to the left or right.

Playing tracks randomly

Touch  to play the tracks in random order. The screen button changes to .

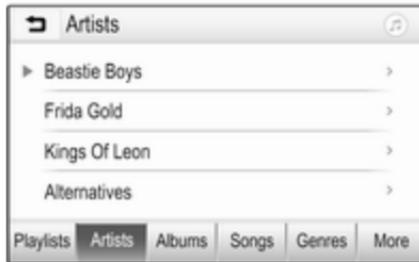
Touch  again to deactivate the shuffle function and go back to the normal playback mode.

Browse Music function

To display the browse screen, touch the screen. Alternatively, select **Menu** in the bottom line of the audio

main screen to display the respective audio menu and then select **Browse Music**.

Different categories, in which the tracks are sorted, are displayed, e.g. **Playlists**, **Artists**, or **Albums**.



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

Select the track to start playback.

Displaying pictures

You can view pictures from a USB device.

Note

For your safety, some features are disabled while your vehicle is in motion.

Activating the picture function

If the device is not yet connected to the Infotainment system, connect the device to 90.

Press and then select **GALLERY** to open the media main menu.

Touch to open the picture main menu to display a list of items stored on the USB device. Select the desired picture.



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

Function buttons

Full screen mode

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

Viewing the next or previous picture

Touch or swipe to the left to view the next picture.

Touch or swipe to the right to view the previous picture.

Rotating a picture

Select to rotate the picture.

Zoom in on a picture

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

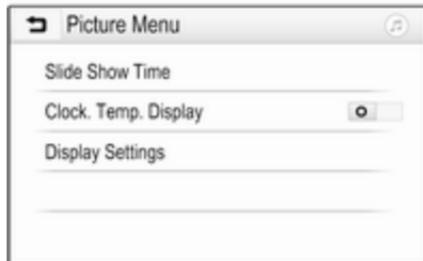
Viewing a slide show

Select to view the pictures stored on the USB device in a slide show.

Touch the screen to end the slide show.

Picture menu

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



Slide show time

Select **Slide Show Time** to display a list of possible time sequences.

Activate the desired time sequence in which each picture is to be displayed in a slide show.

Clock and temperature display

To display time and temperature in full screen mode, activate **Clock. Temp. Display**.

Display settings

Select **Display Settings** to open a submenu for the adjustment of brightness and contrast.

Touch + or - to adjust the settings.

Playing movies

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

Note

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

Activating the movie function

If the device is not yet connected to the Infotainment system, connect the device 90.

Press and then select **GALLERY** to open the media main menu.

Touch to open the movie main menu and then select the desired folder and/or movie.

The movie is shown.



Function buttons

Full screen

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

Interrupting and resuming playback

Touch to interrupt playback. The screen button changes to .

Touch to resume playback.

Playing the next or previous track

Touch to play the next movie file.

Touch within the first five seconds of the movie playing to return to the previous movie file.

Returning to the beginning of the current movie

Touch ◀ after five seconds of the movie playing.

Fast forwarding and rewinding

Touch and hold ◀ or ▶. Release to return to normal playback mode.

Movie menu

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



Clock and temperature display

To display time and temperature in full screen mode, activate **Clock. Temp. Display**.

Display settings

Select **Display Settings** to open a submenu for adjustment of brightness and contrast.

Touch + and - to adjust the settings.

Using smartphone applications

Phone projection

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 to **Apple CarPlay** or **Android Auto**.

Make sure the respective application is activated.

Connecting the mobile phone

Connect the smartphone to the USB port ↗ 90.

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 .

BringGo

BringGo is a navigation app providing location search, map display and route guidance.

Downloading the app

Before BringGo can be operated using the controls and menus of the Infotainment system, the respective application must be installed on the smartphone.

Download the app from App Store® or Google Play Store.

Activating phone projection in the settings menu

Press  to display the home screen and then select **SETTINGS**.

Scroll through the list to **BringGo**.

Make sure the application is activated.

Connecting the mobile phone

Connect the smartphone to the USB port ⇨ 90.

Starting BringGo

To start the app, press  and then select the navigation icon.

The main menu of the application is shown on the display of the Infotainment system.

For further information on how to operate the app, see the instructions on the manufacturer's website.

Speech recognition

General information	97
Usage	97

General information

The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer's operating instructions to find out whether your smartphone supports this feature.

In order to use the voice pass-thru application, the smartphone must be connected to the Infotainment system via USB cable ↪ 90 or via Bluetooth ↪ 99.

Usage

Activating speech recognition

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

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

Adjusting the volume of voice prompts

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

Deactivating speech recognition

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

Phone

General information	98
Bluetooth connection	99
Emergency call	101
Operation	102
Mobile phones and CB radio equipment	106

General information

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

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

Important information for operation and traffic safety

Warning

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

Warning

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

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if

interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

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

You can find further information about the specification on the internet at <http://www.bluetooth.com>

Bluetooth connection

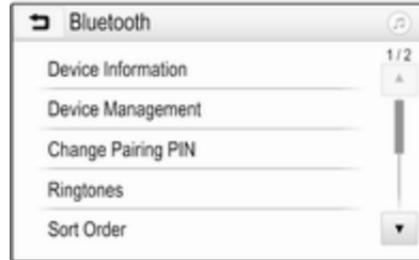
Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, smartphones or other devices.

The pairing (PIN code exchange between Bluetooth device and Infotainment system) and connecting of the Bluetooth devices to the Infotainment system are carried out via the **Bluetooth** menu

Bluetooth menu

Press  and then select **SETTINGS**.

Select **Bluetooth** to display the Bluetooth menu.



Pairing a device

Important information

- Up to ten devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been

connected previously, the Infotainment system establishes the connection automatically.

- Bluetooth operation considerably drains the device's battery. Therefore, connect the device to the USB port for charging.

Pairing a new device

1. Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions for the Bluetooth device.
2. Press  and then select **SETTINGS** on the Info-Display. Select **Bluetooth** and then **Device Management** to display the respective menu.



Note

If no phone is connected, the **Device Management** menu can also be accessed via the phone menu: Press and then select **PHONE**.

3. Touch **Search Device**. All discoverable Bluetooth devices in the environment are displayed in a new search list.
4. Touch the Bluetooth device you wish to pair.
5. Confirm the pairing procedure:
 - If SSP (secure simple pairing) is supported:

Confirm the messages on the Infotainment system and the Bluetooth device.

- If SSP (secure simple pairing) is not supported:

On the Infotainment system: an **Info** message is displayed asking you to enter a PIN code on your Bluetooth device.

On the Bluetooth device: enter the PIN code and confirm your input.

6. The Infotainment system and the device are paired.

Note

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

7. The phone book is downloaded automatically to the Infotainment system. Depending on the phone, the Infotainment system must be allowed access to the phone book. If required, confirm the

messages displayed on the Bluetooth device.

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

Changing the Bluetooth PIN code

Press and then select **SETTINGS**.

Select **Bluetooth** and then **Change Pairing PIN** to display the respective submenu. A keypad is displayed.

Enter the desired four-digit PIN code.

To delete an entered number, select .

Confirm your input by selecting **Enter**.

Connecting a paired device

Press and then select **SETTINGS**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

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

Note

The connected device and the available options are highlighted.

Disconnecting a device

Press  and then select **SETTINGS**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

Select the Bluetooth device currently connected. You are prompted with a message.

Select **Yes** to disconnect the device.

Deleting a device

Press  and then select **SETTINGS**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

Select **DEL** next to the Bluetooth device. You are prompted with a message.

Select **Yes** to delete the device.

Device info

Press  and then select **SETTINGS**.

Select **Bluetooth** and then **Device Information** to display the respective menu.

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

Emergency call

Warning

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

In some networks it may be necessary for a valid SIM card to be properly inserted in the mobile phone.

Warning

Bear in mind that you can make and receive calls with the mobile phone if it is in a service area with a sufficiently strong signal. Under certain circumstances, emergency calls cannot be made

on all mobile phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.

The emergency call number can differ depending on the region and country. Please enquire beforehand about the correct emergency call number for the relevant region.

Making an emergency call

Dial the emergency call number (e.g. **112**).

The telephone connection to the emergency call centre is set up.

Answer when the service personnel questions you about the emergency.

Warning

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

Operation

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

Note

In the hands-free mode, mobile phone operation is still possible, e.g. taking a call or adjusting the volume.

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

Note

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

Phone main menu

Press  and then select **PHONE** to display the respective menu.



Note

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

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

Initiating a phone call

Entering a phone number

Press  and then select **PHONE**.

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

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

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

Using the phone book

Note

When pairing a mobile phone with the Infotainment system via Bluetooth, the phone book of the mobile phone is downloaded automatically  99.

Press  and then select **PHONE**.

Select **Contacts** in the phone main menu.



Quick search

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

Search menu

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

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



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

Use to delete an entered group of letters.

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

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

All contacts containing one of the letters on this button, in the

example 'g', 'h', and 'i', are displayed.

2. Select the button containing the second letter of the contact you wish to search for.
3. Continue to enter more letters of the contact you wish to search for until the desired contact is displayed.
4. Touch the contact you wish to call. A menu with all phone numbers stored for the selected contact is displayed.
5. Select the desired phone number to initiate the call. The following display is shown.



Contacts settings

The contacts list can be sorted by last name or first name.

Press  and then select **SETTINGS** to display the respective menu.

Select **Bluetooth** and then **Sort Order**. Activate the desired option.

Using the call history

All incoming, outgoing, or missed calls are registered.

Press  and then select **PHONE**.

Select **Call History** in the phone main menu.



Select  for outgoing calls,  for missed calls,  for incoming calls and  for all calls. The respective call list is displayed.

Select the desired entry to initiate a call.

Redialling a number

The last dialled phone number can be redialled.

Press  and then select **PHONE**.

Select  on the screen or press  on the steering wheel.

Using speed dial numbers

Speed dial numbers that are stored on the mobile phone can also be dialled using the keypad of the phone main menu.

Press  and then select **PHONE**.

Touch and hold the respective digit on the keypad to initiate the call.

Incoming phone call**Taking a call**

If an audio mode, e.g. the radio or USB mode, is active at the moment a call comes in, the audio source is muted and stays muted until the call ends.

A message with the caller's phone number or name (if available) is displayed.



To answer the call, select  in the message or press  on the steering wheel.

Rejecting a call

To reject the call, select  in the message or press  on the steering wheel.

Changing the ring tone

Press  and then select **SETTINGS**.

Select **Bluetooth** and then **Ringtones** to display the respective menu. A list of all devices paired is displayed.

Select the desired device. A list of all ringtones available for this device is displayed.

Select one of the ringtones.

Functions during a call

During an ongoing phone call, the phone main menu is displayed.



Deactivating the hands-free mode temporarily

To continue the conversation via the mobile phone, activate .

To return to the hands-free mode, deactivate .

Deactivating the microphone temporarily

To mute the microphone, activate .

To reactivate the microphone, deactivate .

Ending a phone call

Select  to end the call.

Voice mail box

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

Voice mail number

Press  and then select **SETTINGS**.

Select **Bluetooth**. Scroll through the list and select **Voice Mail Numbers**.

A list of all devices paired is displayed.

Select the respective phone. A keypad is displayed.

Enter the voice mail number for the respective phone.

Calling the voice mail box

Press  and then select **PHONE**.

Select  on the screen. The mail box is called.

Alternatively, enter the voice mail number via the phone keypad.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

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

Recommendations for fault-free operation:

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

Seek advice on predetermined installation points for the external antenna or equipment holder and

ways of using devices with a transmission power exceeding 10 watts.

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

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

Warning

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

Caution

Mobile telephones and radio equipment may lead to malfunctions in the vehicle electronics when operated inside the vehicle with no exterior antenna, unless the above mentioned regulations are observed.

Index

- A**
- Activating Bluetooth music..... 92
 - Activating phone..... 102
 - Activating radio..... 84
 - Activating USB audio..... 92
 - Activating USB movie..... 94
 - Activating USB picture..... 93
 - Audio files..... 90
 - Auto volume..... 81
- B**
- Basic operation..... 78
 - Bluetooth
 - Bluetooth connection..... 99
 - Bluetooth music menu..... 92
 - Connecting device..... 90
 - General information..... 90
 - Pairing..... 99
 - Phone..... 102
 - Bluetooth connection..... 99
 - BringGo..... 95
- C**
- Call
 - Functions during a call..... 102
 - Incoming call..... 102
 - Initiating a phone call..... 102
 - Ring tone..... 102
 - Call history..... 102
- Control elements
 - Infotainment system..... 72
 - Steering wheel..... 72
- Control elements overview..... 72
- D**
- DAB..... 88
 - Digital audio broadcasting..... 88
 - Displaying pictures..... 93
 - Display settings..... 93, 94
- E**
- Emergency call..... 101
- F**
- Favourite lists..... 86
 - Retrieving stations..... 86
 - Storing stations..... 86
 - File formats
 - Audio files..... 90
 - Movie files..... 90
 - Picture files..... 90
- G**
- General information..... 90, 97, 98
 - Bluetooth..... 90
 - DAB..... 88
 - Infotainment system..... 70
 - Phone..... 98
 - Smartphone applications..... 90
 - USB..... 90

H			
Home menu.....	78		
I			
Infotainment control panel.....	72		
Intellitext.....	88		
M			
Maximum startup volume.....	81		
Menu operation.....	78		
Mobile phones and CB radio equipment	106		
Movie files.....	90		
Mute.....	75		
O			
Operation.....	102		
External devices.....	90		
Menu.....	78		
Phone.....	102		
Radio.....	84		
P			
Pairing.....	99		
Phone			
Bluetooth.....	98		
Bluetooth connection.....	99		
Call history.....	102		
Emergency calls.....	101		
Entering a number.....	102		
Functions during a call.....	102		
General information.....	98		
Incoming call.....	102		
Phone book.....	102		
Phone main menu.....	102		
Selecting the ring tone.....	102		
Speed dial number.....	102		
Phone book.....	102		
Phone projection.....	95		
Picture files.....	90		
Playing audio.....	92		
Playing movies.....	94		
R			
Radio			
Activating.....	84		
Configuring DAB.....	88		
Configuring RDS.....	87		
DAB announcements.....	88		
Digital audio broadcasting (DAB).....	88		
Favourite lists.....	86		
Intellitext.....	88		
Radio data system (RDS).....	87		
Regional.....	87		
Regionalisation.....	87		
Retrieving stations.....	86		
Selecting the waveband.....	84		
Station search.....	84		
Station tuning.....	84		
Storing stations.....	86		
Usage.....	84		
Radio data system (RDS)	87		
RDS.....	87		
Regional.....	87		
Regionalisation.....	87		
Retrieving stations.....	86		
Ring tone			
Changing the ring tone.....	102		
Ring tone volume.....	81		
S			
Smartphone.....	90		
Phone projection.....	95		
Speech recognition.....	97		
Speed dial numbers.....	102		
Station search.....	84		
Steering wheel audio controls.....	72		
Storing stations.....	86		
Switching the Infotainment system on.....	75		
System settings.....	82		
T			
Theft-deterrent feature	71		
Tone settings.....	80		
Touch beep volume.....	81		
TP volume.....	81		

U

Usage.....	75, 84, 97
Bluetooth.....	90
Menu.....	78
Phone.....	102
Radio.....	84
USB.....	90
USB	
Connecting device.....	90
General information.....	90
USB audio menu.....	92
USB movie menu.....	94
USB picture menu.....	93
Using smartphone applications....	95

V

Voice recognition.....	97
Volume	
Auto volume.....	81
Maximum startup volume.....	81
Mute function.....	75
Ring tone volume.....	81
Setting the volume.....	75
Speed compensated volume....	81
Touch beep volume.....	81
TP volume.....	81
Volume limitation at high temperatures.....	75
Volume settings.....	81

W

Waveband selection.....	84
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