CROSSLAND X
Infotainment Manual

Contents

Navi 5.0 IntelliLink

Introduction

General information

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

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

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

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

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

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

Using the phone projection function, you can operate specific applications on your smartphone via the Infotainment system.

Optionally, the Infotainment system can be operated using controls on the steering wheel or via the speech recognition system.

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

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

Note
The Navi 5.0 IntelliLink system includes certain third party software. For the associated notices, licenses and any other information regarding this software see http://www.oss.gm.com/GME/7E1/navi5intellilink/.

Important information on operation and traffic safety

⚠ Warning

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

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

⚠ Warning

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

⚠ Warning

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

Radio reception

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

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

Control elements overview

Centre display with controls

Radio

Telephone

Navigation

Applications

Climate

Vehicle

1

2   3   4   5   6   7   8

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

2   AUDIO

    Open audio menu:

    Radio 21

    CD player 25

    External devices (USB,
    Bluetooth) 26

3   NAV

    Display navigation map 31

4   📞

    Open phone menu 47

5   ⏻ 10

    If switched off: switch
    power on/off

    If switched on: mute system

    Turn: adjust volume

6   SET

    Open settings menu 14

7   ⊞

    Open apps menu 29

8   🚗

    Open vehicle settings
    menu, see Owner's Manual

Steering wheel controls
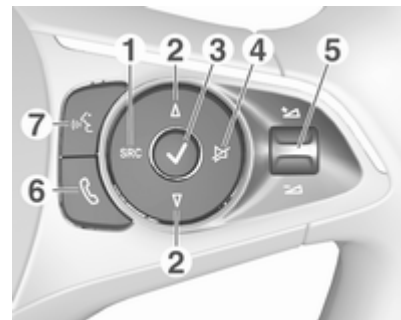
1   SRC (Source)

    Select audio source,
    confirm selection with ✓ 10

    Long press: mute system

2   Δ / ∇

    Select next/previous
    preset radio station when
    radio active 21

    or select next/previous
    track/picture when
    external devices active 26

or select next/previous entry in station list, media list, call/contacts list when operation started via steering wheel controls

Confirm selection with ✓

3 ✓

Confirm selected item

or open station list, media list

4 ⌿

Activate/deactivate mute function 10

5 ♪⁄ / ⌿

Turn upwards/ downwards: increase/ decrease volume

6 ☎

Short press: accept incoming call; long press: reject incoming call, hang up call 47

or open call/contacts list 47

If phone call active: open call in progress menu

7 ⼙

Short press: activate embedded speech recognition; long press: activate speech recognition in Apple CarPlay™ or Android™ Auto if phone connected via USB port 42

Usage

Control elements

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

Inputs are made optionally via:

● the central control unit in the control panel ⇨ 8
● the touch screen ⇨ 14
● audio controls on the steering wheel ⇨ 8
● the speech recognition ⇨ 41

Switching the Infotainment system on or off

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

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

Automatic switch-off

If the Infotainment system has been switched on pressing ⭮ while the ignition is switched off, it will switch off again automatically when the ECO mode becomes active.

Setting the volume

Turn ⭮. The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set.

Speed compensated volume

When the speed compensated volume is activated ⇨ 18, 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

Audio-Media

Press **AUDIO** to display the main menu of the last selected audio mode.
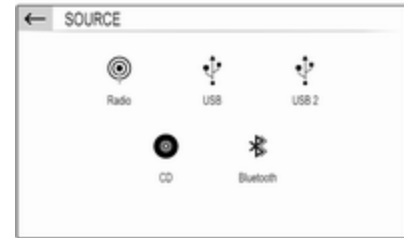

Changing the media source

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

Note

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

Select the desired media source.

For a detailed description of:

● Radio functions ⇨ 21
● CD player ⇨ 25
● External devices (USB, Bluetooth) ⇨ 27

Navigation

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

For a detailed description of basic functions of the navigation system ⇨ 31.

Navigation menu
Select MENU to display the navigation menu.

The navigation menu serves as central entry point for:

● Address search and input ⇨ 34
● Defining trips with several waypoints ⇨ 34
● Defining criteria for route guidance ⇨ 38
● Cancelling and resuming route guidance ⇨ 38

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 ⇨ 44.

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

For a detailed description of mobile phone operation via the Infotainment system ⇨ 47.

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

Press ᗺ to display the main menu of the apps mode.

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

For a detailed description ⇨ 29.

Settings

Press **SET** and then select **Audio settings** to display the respective menu.
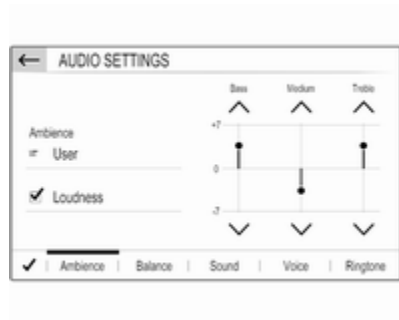
For a detailed description ⇨ 14.

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

For a detailed description ⇨ 14.

Vehicle settings

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

Vehicle settings are described in the Owner's Manual.

Basic operation

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.

Menu operation

Selecting or activating a screen button or menu item

Touch a screen button or menu item.

Note

Most icons displayed in a menu, like 🗑 or 📍 in the illustrated example, serve as screen buttons that initiate certain actions if you touch them.

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

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>/<icon>".

← and ✓ screen buttons

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

When no ← screen button is displayed, you are on the top level of the respective menu.

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

Shortcuts to important menus

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

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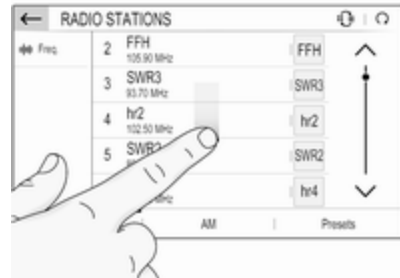
If there are more items available than presentable on the screen, the list must be scrolled.

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

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

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

● Touch ∧ or ∨ at the top or bottom of the scroll bar.

- Touch anywhere on the guiding line of the scroll bar.
- Move the slider of the scroll bar up and down with your finger.

Updating a list

Touch ∩ (see image above) to manually update, e.g., station lists, contacts lists or destination lists.

Input fields and keyboards

Input fields are indicated by ✎.

Touch the input field to open a keyboard for text or number input.

Depending on the application or function currently active, different keyboards are displayed.

Keyboards for text input

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

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

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

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

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

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

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

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

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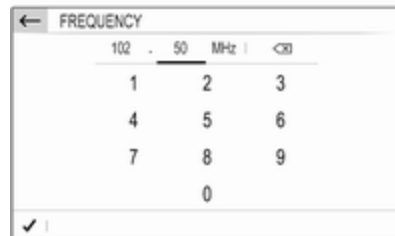
Keyboards for number input may contain several input fields. In the illustrated example, you first need to touch the input field behind the decimal point, before you can enter the decimal digits.

Note
In subsequent chapters, the operating steps for touching an input field and entering texts or numbers via a keyboard will be described as "...select <field name> and enter...".

Adjusting a setting
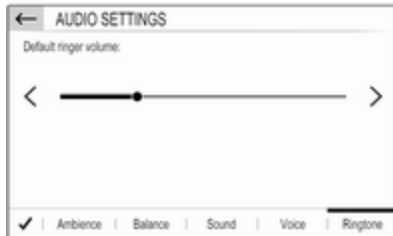
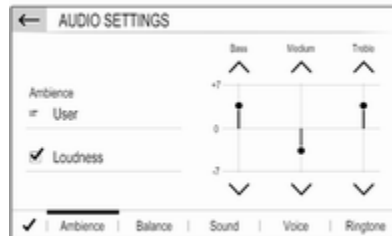To adjust a setting like the illustrated example, you may optionally:
● Touch < or >.
● Touch anywhere on the line.
● Move the slider with your finger.

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

Tone settings
Press SET, select Audio settings and then select the Ambience tab.

Several predefined settings are available to optimise the tone for a specific style of music (e.g. Pop-Rock or Classical).

To adjust the tone individually, select User. Change the settings as desired and then confirm your settings.

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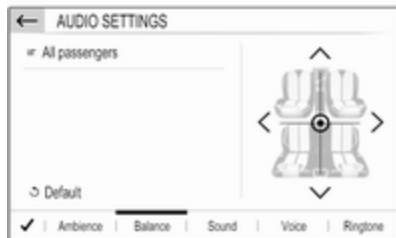If you change the settings of a predefined setting, e.g. Pop-Rock, this settings will be applied to the User setting.

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

Balance and fader

Select the Balance tab.

Several predefined settings are available to adjust the volume distribution inside the vehicle (e.g. **All passengers** or **Front only**).

To change the current setting, e.g. **All passengers**, select that setting and then select the desired new setting from the displayed list.

You may individually adjust the predefined settings.

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

To return to the default factory settings, select **Default**.

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

Audible touch feedback

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

To adjust the touch beep volume, activate **Touch tones** and then adjust the setting.

Speed compensated volume

Activate or deactivate **Volume linked to speed**.

If activated, the volume of the Infotainment system is adapted automatically to make up for the road and wind noise as you drive.

Speech output

Select the **Voice** tab.

Adjust the volume for all speech outputs of the system, e.g. traffic announcements, navigation messages etc.

Ringtone

Select the **Ringtone** tab.

Adjust the ringtone volume of incoming calls.

System settings
Press **SET** and then select **OPTIONS**.

Configuring the system

Select **System settings** to perform some basic system configurations, e.g.:

- Adjust the display of units for temperature or fuel consumption.
- Reset the system configuration to factory defaults.
- Update the installed software version.

Changing display language

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

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

Adjusting time and date

Select **Setting the time-date**.

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

Setting time and date
By default the displayed time and date is automatically adjusted by the system.

To manually adjust the displayed time and date:

Select the **Time** tab.

Set **Synchronization with GPS (UTC):** to **OFF** and then select the **Time** field to set the desired time.

Select the **Date** tab and then select the **Date:** field to set the desired date.

Adjusting the screen

Select **Screen configuration**.

Text scroll function
Select the **Animation** tab.

If long texts on the screen should be scrolled automatically, activate **Automatic scrolling**.

If **Automatic scrolling** is deactivated, long texts are truncated.

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

Storing your personal settings

Select **Setting of the profiles**.

You can store a multitude of settings in a personal profile. For example, all current tone settings, all radio presets, one phone book, the map settings and your preferred addresses.

In case you share the vehicle with other people, this enables you to restore your personal settings from your profile at any time.

A maximum of three personal profiles may be stored.

Additionally, a **Common profile** is available. All settings done at any time are automatically stored in that profile. If no personal profile is activated, the **Common profile** is active.

Storing your personal profile

After performing all your personal settings:

Select one of the personal profile tabs.

Select the input field ✓ and enter the desired name of your personal profile.

If you want to add a photo to the profile:

Connect a USB device with the desired photo stored on it to the USB port ⇨ 26, touch the photo frame and then select the desired photo.

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

Finally, confirm your inputs to store them in your personal profile.

Activating your personal profile

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

Activating the Common profile

If a personal profile is currently active:

Press **SET** and then select **Deactivate profile**.

Resetting a personal profile

You can at any time reset a personal profile to restore the default factory settings on that profile.

Select the respective profile and then select **Reset profile**.

Resetting the Common profile

You can at any time reset the **Common profile** to restore the default factory settings on that profile.

Select **Common profile** and then select **Reset common profile**.

Radio

Usage

Activating the radio

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

If radio main menu not active, select **SOURCES** and then select **Radio**.

The station last played will be received.

Selecting a waveband

Repeatedly select **Band** to toggle between the different wavebands.

Searching for stations

Automatic station search

Briefly touch ‹ or › to play the previous or next receivable station.

Manual station search

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

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

Station tuning

If you exactly know the reception frequency of a radio station, you may enter that frequency manually.

Select **OPTIONS**, select **Radio stations** and then select the desired waveband.

Select **Freq.**, enter the reception frequency and confirm your input.

If a station is receivable on that frequency, the respective station is played.

Station lists

In the station lists, all receivable radio stations within the current reception area are available for selection.

To display the station list of the waveband currently active, select List.

Select the desired station.

Update station lists

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

Select OPTIONS, select Radio stations and then select the desired waveband.

To start an update for the selected waveband, select Ω.

Storing favourite stations

Up to 15 radio stations of all wavebands can be stored as favourites in the Presets list.

Select Presets to display the preset buttons.

Storing the currently active station

Touch and hold the desired button for a few seconds. The respective frequency or station name is displayed on the button.

If a station is already stored on a preset button, that station will be overwritten by the new one.

Storing a station from a station list

Select OPTIONS, select Radio stations and then select the desired waveband.
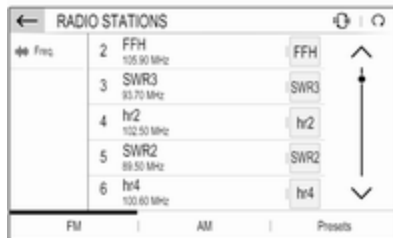
Briefly touch the button next to the desired station. Alternatively, select ⊕ to switch to the tiled view. Then briefly touch ♀ on the tile of the desired station.

Select Add to favourites and then touch and hold for a few seconds on the list row where you want to store the station.

If a station is already stored on a list row, that station will be overwritten by the new one.

Retrieving stations

In the radio main menu select Presets and then briefly touch the preset button of the desired station.

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

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

Activating RDS

Select General and then activate Station follow.

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

Radio text

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

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

Traffic announcements

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

Select Announcements and then activate or deactivate Traffic announcement.

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

Digital audio broadcasting

DAB broadcasts radio stations digitally.

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

General information

● With DAB, several radio programmes (services) can be broadcast on a single ensemble.

● Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.

- As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.

- In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises.

  If the DAB signal is too weak to be picked up by the receiver, reception is interrupted completely. This incident can be avoided by activating DAB-FM auto tracking, see below.

- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.

- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.

- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If Traffic announcement ▷ 23 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate Traffic announcement if DAB reception should not be interrupted by FM traffic announcements.

DAB Announcements

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

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

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

DAB-FM auto tracking

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.

Activate or deactivate FM/DAB station track:.

CD Player

General information

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

Caution

Under no circumstances place DVDs, single-CDs with a diameter of 8 cm or shaped CDs in the audio player.

You must not put any stickers on CDs. These discs can get jammed in the CD drive and ruin the player. Replacement of the device will then be necessary.

Usage

Starting CD playback

Push an audio or MP3 CD with the labelled side facing upwards into the CD slot until it is pulled in.

CD playback starts automatically and the CD main menu is displayed.

If a CD is already inserted, but the CD main menu is not active:

Press AUDIO, select SOURCES and then select CD.

CD playback is started.

Operation

For a detailed description of playback functions for music tracks ⇨ 27.

Removing a CD

Press ⏏. The CD is pushed out of the CD slot.

If the CD is not removed after ejection, it will be drawn back in after a few seconds.

External devices

General information

Two USB ports for the connection of external devices are located in the centre console.

Caution

To protect the system, do not use a USB hub.

Note

The USB ports must always be kept clean and dry.

USB ports

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

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

Note

If two USB ports available: To use the phone projection feature ⇨ 29 of the Infotainment system, you need to connect your smartphone to the USB port labelled with ▯.

Connecting/disconnecting a device

Connect one of the devices mentioned above to 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.

Bluetooth audio streaming

Streaming allows you to listen to music from your smartphone.

For a detailed description on how to establish a Bluetooth connection ⇨ 45.

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

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

File formats

The audio equipment supports different file formats.

Playing audio

Activating the music function

Connecting the USB or Bluetooth device ⇨ 26.

If device already connected, but playback of stored music files not active:

Press **AUDIO**, select **SOURCES** and then select the respective source.

Playback of the audio tracks starts automatically.

Playback functions

Interrupting and resuming playback

Touch **II** to interrupt playback. The screen button changes to ►.

Touch ► to resume playback.

Playing the previous or next track

Touch < or >.

Fast forwarding and rewinding

Touch and hold < or >. Release to return to normal playback mode.

Alternatively, you can move the slider showing the current track position to the left or right.

Playing tracks randomly
Touch button repeatedly to toggle between the available random modes.

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

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

⤭: play tracks of currently selected list (album, artist, etc.) in normal playback mode.

Repeating tracks
Touch button repeatedly to switch repeat mode on or off.

⟳: repeat tracks of currently selected list (album, artist, etc.).

⟳: play tracks of currently selected list (album, artist, etc.) in normal playback mode.

Browse music functions

(only available for devices connected via USB)

You can have your music files sorted according to different criteria. Two options are available for browsing the music files stored on the connected USB device.

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

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

Select List and then select the desired track.

Playback of the selected track is started.

Browsing via device menu
Select OPTIONS and then select Music files.

If you want to change the currently active USB source, select Other.

Select the desired sorting criteria, e.g. Albums or Artists, and then select the desired track.

Playback of the selected track is started.

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

Activating the picture viewer

Connecting the USB device ⇨ 26.

If device already connected, but picture viewer not active:

Press AUDIO, select OPTIONS and then select Managing photos.

Select the desired picture.

A slide show of all stored picture files starts automatically.

Touch the screen to display the menu bar.

Function buttons

Viewing the previous or next picture
Touch ◄◄ or ►►.

Starting or stopping a slide show
Select ► to view the pictures stored on the USB device in a slide show.

Touch II to end the slide show.

Using smartphone applications

Phone projection

The phone projection applications Apple CarPlay and Android Auto display selected apps from your smartphone on the 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
iPhone®: Make sure Siri® is activated on your phone.

Android phone: Download the Android Auto app to your phone from the Google Play™ Store.

Connecting the smartphone
iPhone
Connect the phone to the USB port ⇨ 26.

If the phone is already connected via Bluetooth, upon connecting to the USB port and launching Apple CarPlay, the Bluetooth connection will disconnect.

Android phone
Connect the phone via Bluetooth ⇨ 45 and then connect the phone to the USB port ⇨ 26.

Starting phone projection
Press ⊞ and then touch CarPlay or AndroidAuto.

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

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

Navigation

General information

The navigation system will reliably guide you to your destination.

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

The navigation system cannot, however, take into account traffic incidents, traffic regulations changed at short notice and hazards or problems that arise suddenly (e.g. road works).

Caution

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

Functioning of the navigation system

The position and movement of the vehicle are detected by the navigation system using sensors. The travelled distance is determined by the vehicle's speedometer signal, turning movements on bends by a sensor. The position is determined by the GPS (Global Positioning System) satellites.

By comparing the sensor signals with the digital maps, it is possible to determine the position with an accuracy of approx. 10 metres.

The system will also work with poor GPS reception. However, the accuracy of the determination of the position will be reduced.

After the entry of the destination address or point of interest (nearest petrol station, hotel, etc.), the route is calculated from the current location to the destination selected.

Route guidance is provided by voice output and an arrow, as well as with the aid of a multi-colour map display.

Important information

TMC traffic information system and dynamic route guidance

The TMC traffic information system receives all current traffic information from TMC radio stations. This information is included in the calculation of the overall route. During this process, the route is planned so that traffic problems related to pre-selected criteria are avoided.

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

Map data

All required map data is stored within the Infotainment system.

To update the navigation map data, we recommend to contact your Opel Service Partner.

Usage

Information on the map display

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

Route guidance not active

● The map view is displayed.
● The current location is indicated by an arrow.
● The name of the street you are currently in is displayed at the bottom left of the map view.

Route guidance active

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

  Depending on the situation information on lane guidance or the second next turning

manoeuvre may be displayed additionally.

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

Customise the map display

Map views
Three different map views are available: **North orientation**, **Vehicle orientation** and **Perspective view**.

Repeatedly touch A to toggle between these map views.

Map colours
Depending on the external lighting conditions, the colouring of the map screen (light colours for the day and dark colours for the night) can be adapted.

Touch ⌗ to display a menu on the right side of the screen.

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

POI (Points of Interest) icons on the map
POIs are points of general interest, e.g. gas stations or car parks.

The display of POI categories shown on the map may be personally adapted.

Activate the desired POI categories. The map view changes accordingly.

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

Traffic events
Traffic events may be indicated on the map. Additionally, information on these events may be displayed in a list.

Select **Consult map** to switch to an alternative map display with new menu options.

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

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

If you want to display a different map section:

Touch ⊛ to show the area around the current location.

Touch ⊛ to show the entire route.

Touch ⊛ to show the area around the destination.

To return to the default navigation view, touch ←.

Autozoom function

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

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

To activate or deactivate the function:

Select **MENU**, select **Settings** and then select the **Aspect** tab.

Activate or deactivate **Automatic zoom setting**.

Map manipulation

Moving visible map section

Place your finger anywhere on the screen and move it in the desired direction.

The map moves accordingly, displaying a new section. A new button bar is shown.

⊡: show area around current location again.

⌂: show area around home address.

⊞: show area around destination.

To return to the default navigation view, select ←.

Centring visible map section

Touch the desired location on the screen to centre the map around this location.

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

Manual zooming

To zoom in on a selected map location, place two fingers on the screen and move them away from each other.

Alternatively, touch ✚ below the map view.

To zoom out and display a larger area around the selected location, place two fingers on the screen and move them towards each other.

Alternatively, touch ━ below the map view.

Showing an overview of the route

Touch ⌖, select **Consult map** and then touch ⦿.

The map view is switched to **North orientation** and shows an overview of the current route.
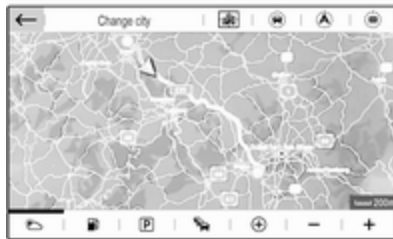
To return to the default navigation view, touch ←.

Voice guidance

The route guidance process can be supported by voice prompts given out by the system.

To activate or deactivate the function:

Select **MENU** in the navigation main menu, select **Settings** and then select the **Vocal** tab.

Activate or deactivate **Activate navigation messages**.

Navigation settings

Select **MENU** in the navigation main menu, and then select **Settings** to display the respective menu with a variety of navigation related settings.
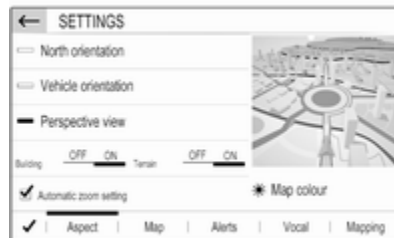
Please explore the different settings. Some have already been described above, others are described in the following sections.

Destination input

The navigation system provides various options to set a destination for route guidance.

Press **NAV** to display the navigation main menu.

Selecting an address from the map

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

A red 9 is displayed at the respective location and the corresponding address is shown on a label.

To start route guidance, select A.

For a detailed description on route guidance ⇨ 38.

Quick address or POI search

Select **Search…**. A menu with a list of recent destinations and a keyboard is displayed.

To refine the area for your address or POI search, select ▥ and then select the desired option.

To hide the keyboard and show the entire list, select ▽. To show the keyboard again, select ◪.

If you want to search for POIs (Points of Interest) only, select the **POI** tab.

Enter an address or search term. As soon as characters are entered an address search is performed and the list of found addresses is updated continuously.

Select the desired list item.

Depending on the current situation and your selection, the navigation system may react differently:

● If the selected list item is a valid destination address and route guidance is currently not active:

  The navigation main menu is displayed again and route guidance is started.

  For a detailed description on route guidance ⇨ 38.

● If the selected list item is a valid destination address but route guidance is already active:

  A message is displayed and you need to decide first if the old destination should be replaced, or if you want to add the selected address as an intermediate destination to a waypoint trip. Detailed description on waypoint trips, see below.

Select the desired option.

● If the navigation system needs more detailed information for route calculation:

Enter a further search term to refine your search.

Detailed address entry

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

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

Select the desired address or change your input to initiate a new search.

Continue with the address entry until the entire address you are searching for is found.

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

For a detailed description on route guidance ⇨ 38.

Storing your favourite addresses

If you want to store the entered address, select ⬚.

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

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

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

Destination lists

Select MENU and then select My destinations.

Select Recent to display a list of all recently entered destinations.

Select Preferred to display all destinations which were stored before as home address, work address or preferred address.

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

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

For a detailed description on route guidance ⇨ 38.

Points of interest

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

The data stored within the navigation system contains a great number of predefined POIs, which are indicated on the map (if activated, ⇨ 31).

Selecting a POI from the map

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

Touch the icon again.

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

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

For a detailed description on route guidance ⇨ 38.

Showing a list of POIs around a location

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

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

Touch and hold **♀**.

A list of POIs around the location is displayed.

Select the desired POI to start route guidance.

For a detailed description on route guidance ⇨ 38.

Searching for POIs via categories

Select MENU and then select Points of interest.

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

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

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

To search for POIs at another location, select Address.

To search for POIs via keyword (see below), select Search.

Searching via keyword

Select **MENU**, select **Search**, enter a keyword, e.g., "Station", enter or select a city name and confirm your input.

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

Waypoint trips

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

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

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

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

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

If desired, enter further waypoints as described above.

If you want to change the order of the waypoints:

Touch ↓↑ and then touch the displayed arrows to move the list entries up or down.

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

To return to the navigation main menu, select **Finish**.

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

Guidance

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

Visual instructions

Visual instructions are provided on the display.

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

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

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

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

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

Settings for route guidance
Select **MENU** in the navigation main menu and then select **Guidance criteria** to display the respective menu.
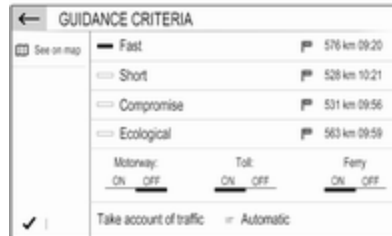
When the menu is opened, several optional routes are automatically calculated by the navigation system, e.g. the fastest route or the most ecological route.

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

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

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

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

Three options are available for **Take account of traffic**:

If you want the system to automatically modify the route according to new traffic messages, select **Automatic**.

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

If you do not want routes to be modified, select **None**.

Starting, cancelling, resuming route guidance

To start route guidance, enter or select a destination address ⊳ 34. Depending on the situation, route guidance may start automatically, or you may have to follow some instructions on the screen.

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

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

Turn list

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

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

To display a turning manoeuvre on the map, touch the turn arrow icon next to the desired list entry. The map jumps to the respective location on the map.

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

To avoid the route section currently displayed on the map, touch ⅾ.

If desired, further route sections may be selected to be avoided.

Confirm your selection(s).

Speech recognition

General information

Embedded speech recognition

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

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

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

Note

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

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

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

Address input of destinations in foreign countries
In case you want to enter the address of a destination located in a foreign country via voice input, you need to change the language of the Info-Display to the language of the foreign country.

E.g., if the display is currently set to English and you want to enter the name of a city located in France, you need to change the display language to French.

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

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

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

Voice pass-thru application

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

Voice pass-through is available via the phone projection applications Apple CarPlay and Android Auto ⇨ 29.

Usage

Embedded speech recognition

Activating speech recognition

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

Activation via the ⦉ button on the steering wheel
Press ⦉ on the steering wheel.

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

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

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

Adjusting the volume of voice prompts
Press volume button on the steering wheel upwards (increase volume) ➶ or downwards (decrease volume) ➴.

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

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

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

Cancelling a dialogue sequence
To cancel a dialogue sequence and to deactivate the speech recognition, press ⦉ on the steering wheel.

If you do not say any command for a certain period of time, or if you say commands that are not recognised by the system, a dialogue sequence is automatically cancelled.

Operation via speech commands
Follow the instructions given by voice output and shown on the display.

For best results:

● Listen for the voice prompt and wait for the beep before saying a command or replying.

● Say "Help" or read the example commands on the screen.

● The voice prompt can be interrupted by pressing ⸸ again.

● Wait for the beep and then speak the command naturally, not too fast, not too slow.

Voice pass-thru application

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

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

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

Phone

General information

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.

Pairing a device

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

Important information

● Two paired Bluetooth devices can be connected to the Infotainment system at the same time. One device in hands-free mode, the other in audio streaming mode, see description on Bluetooth profile settings below.

  However, two devices cannot be used in hands-free mode at the same time.

● Pairing only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been connected previously, the Infotainment system establishes the connection automatically.

● Bluetooth operation considerably drains the device's battery. Therefore, connect the device to the USB port for charging.

Pairing a new device

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

2. If another Bluetooth device is already connected:

   Press 📞, select **OPTIONS**, select **Bluetooth connection** and then touch 🔍 **Search**.

   If no Bluetooth device is currently connected:

   Press 📞 and then touch **Bluetooth search**.

   A search for all Bluetooth devices in the near environment is performed.

3. Select the Bluetooth device you wish to pair from the displayed list.

4. Confirm the pairing procedure:

   ● If SSP (secure simple pairing) is supported:

Confirm the messages on the Infotainment system and the Bluetooth device.

● If SSP (secure simple pairing) is not supported:

On the Infotainment system: a message is displayed asking you to enter a PIN code on your Bluetooth device.

On the Bluetooth device: enter the PIN code and confirm your input.

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

The Infotainment system and the device are paired.

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

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

Operations on paired devices

Press ℃, select **OPTIONS** and then select **Bluetooth connection**.

A list of all paired devices is displayed.

Changing the Bluetooth profile settings
Touch ⚙ next to the desired paired device.

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

Connecting a paired device
Devices which are paired but not connected are identified by ∦.

Select the desired device to connect it.

Disconnecting a device

The currently connected device is identified by ∦⍰.

Select the device to disconnect it.

Deleting a paired device

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

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

Emergency call

⚠ Warning

Connection setup cannot be guaranteed in all situations. For this reason you should not rely exclusively on a mobile phone

when a vitally important communication (e.g. a medical emergency) is concerned.

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

⚠Warning

Bear in mind that you can make and receive calls with the mobile phone if it is in a service area with a sufficiently strong signal. Under certain circumstances, emergency calls cannot be made 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 ☏ to display the phone main menu.

Note
The phone main menu is only available if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description ⇨ 45.

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

Initiating a phone call

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

As soon as figures are entered, matching entries from the contacts list are displayed in alphabetical order.

Touch the desired list entry to initiate a phone call.

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

Select **Contacts** and then select the desired list type.
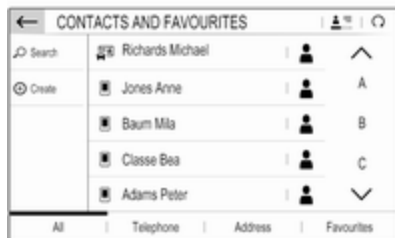
Searching for a contact
To switch between <ordered by first name> and <ordered by surname>, touch ▲≡.

To scroll through the list, touch a letter from the scroll bar, ∧ or ∨.

To search for a contact via keyboard, touch **Search**.

Modifying or deleting a contact
Select ▲ next to the contact and then select the desired option.

If you want to add a photo to the contact:

Connect a USB device with the desired photo stored on it to the USB port ⇨ 26, touch the photo frame and then select the desired photo.

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

Using the call history

All incoming, outgoing, or missed calls are registered.

Select Calls and then select the desired list.

Select the desired list entry to initiate a call.

Incoming phone call

If an audio mode, e.g. the radio or USB mode, is active at the moment a call comes in, the audio source is muted and stays muted until the call ends.

A message with the caller's phone number or name is displayed.
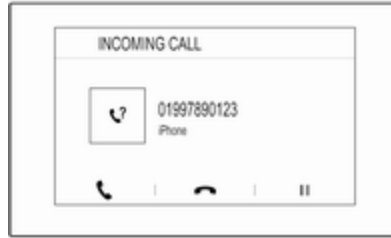
To answer the call, touch ☏.

To reject the call, touch ☎.

To put the call on hold, touch II. To resume to the call, touch ►.

During the ongoing call, the following menu is displayed.

To mute the microphone of the Infotainment system, touch Micro OFF.

To continue conversation via the mobile phone (private mode), touch ×☎ Private. To reactivate the conversation via the Infotainment system, touch ☎ Private.

Note

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

Put incoming calls always on hold

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

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

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

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

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

R 4.0 IntelliLink

Introduction

General information

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

Using radio tuner functions, you may register up to 25 stations on five 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 allows comfortable and safe use of your mobile phone in the vehicle.

You can also operate specific smartphone applications via the Infotainment system.

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

The well-thought-out design of the control elements, the touch screen and the clear 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

1   Display / touch screen 64
2   Home menu 64

    Screen buttons for access to:

    Audio: audio functions

    Gallery: picture and movie functions

    Phone: mobile phone functions

    Projection: phone projection

    Settings: system settings

3   Time, date and temperature indicators 68

4   ☎

    Short press: open phone menu 88

    or open phone projection function (if activated) 81

    Long press: activate speech recognition 83

5   ▶▶

    Short press: skip to next station when radio active 70

    or skip to next track when external devices active 78

    Long press: seek up when radio active 70

    or fast forward when external devices active 78

6   ⏻

    Short press: switch on Infotainment system if turned off 61

    or mute system if turned on . 61

    Long press: switch off Infotainment system 61

    Turn: adjust volume 61

7   ◀◀

    Short press: skip to previous station when radio active 70

    or skip to previous track when external devices active 78

    Long press: seek down when radio active 70

    or fast rewind when external devices active 78

8   ⌂

    Short press: open home menu 61

    Long press: open phone projection function (if activated) 81

Steering wheel controls

1   **SRC** (Source)

Select audio source 61

2   Δ / ∇

Select next/previous preset radio station when radio active 70

or select next/previous track/picture when external devices active 76

or select next/previous entry in call/contacts list when phone portal active and call/contact list open 88

3   ✓

Short press: show Home menu

Long press: if Apple CarPlay™ or Android™ Auto activated, show the respective menu 81

4   ⌀

Activate/deactivate mute function 61

5   ⇥ / ⇤

Turn upwards/ downwards: increase/ decrease volume

6   📞

Take phone call 88

or open call/contacts list 88

or switch between calls when calls are waiting 88

7   ⎙

Activate speech recognition . . 83

Usage

Control elements

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

Inputs are made optionally via:

● the central control unit in the control panel ⇨ 58

● the touch screen ⇨ 64

● audio controls on the steering wheel ⇨ 58

● the speech recognition ⇨ 83

Switching the Infotainment system on or off

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

Note

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

Long press ⏻ to switch the system off.

Automatic switch-off

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

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 ⇨ 67.

Speed compensated volume

When the speed compensated volume is activated ⇨ 67, 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 ⇨ 64.

Audio

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

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

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

For a detailed description of:

- Radio functions ⇨ 70
- External devices (USB, Bluetooth) ⇨ 78

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, e.g. USB device or smartphone.

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

For a detailed description of:

- Picture functions ⇨ 79
- Movie functions ⇨ 80

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

For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone ⇨ 84.

If the mobile phone is connected, select Phone to display the main menu.

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

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

Select Projection to start the projection function.

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

For a detailed description ⇨ 81.

Settings

Select **Settings** to open a menu for various system related settings, e.g. deactivating **Audible Touch Feedback**.
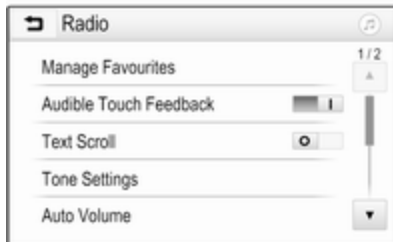
Basic operation

Basic operation

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

Caution

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

⊃ screen button

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

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

Selecting or activating a screen button or menu item

Touch a screen button or menu item.

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

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 constant speed.

All other items are rearranged.

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

Note

Edit mode exits automatically after 30 seconds of inactivity.

Scrolling lists

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

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

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

Note

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

● Touch ▼ or ▲ at the top or bottom of the scroll bar.

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

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

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 constant speed.
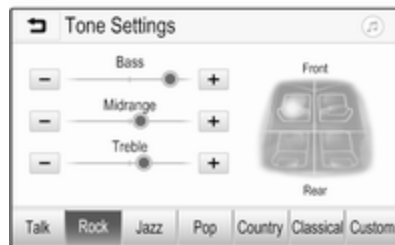
● Touch > or < on the screen.

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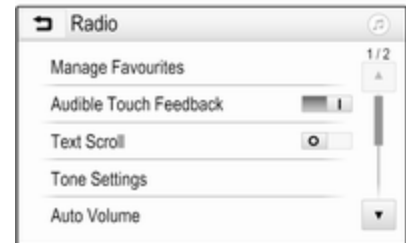
Touch the screen button next to **Audible Touch Feedback** to activate or deactivate the function.

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.
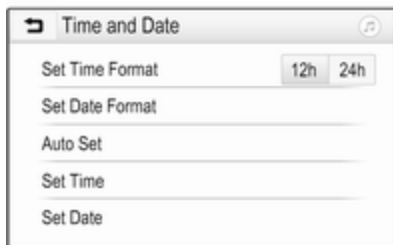
System settings

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

Time and date settings

Press ⌂ and then select **Settings**.

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

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**.

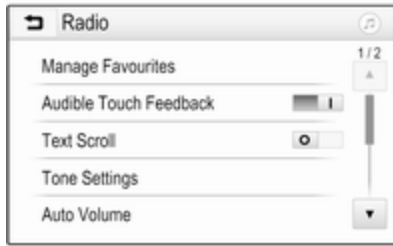Select **Language** to display the respective menu.

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

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 ⇨ 72 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations ⇨ 72 are searched for.

Station tuning

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

Enter the desired frequency. Use ← to delete digits entered. If necessary, touch ◄ or ► to subsequently adjust the input.

Confirm the input to play the station.

Station lists

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

Select **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 current audio source is interrupted for the duration of the traffic announcement.

Activating the traffic programme function

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

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

Note

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

If the radio traffic service is activated, **[TP]** is shown in the top line of all main menus. If the current station is not a radio traffic service station, TP is greyed-out and a search is started automatically for the next radio traffic service station. As soon as a radio

traffic service station is found, **TP** is highlighted. If no radio traffic service station is found, TP remains greyed-out.

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

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

Regionalisation

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

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

Activate or deactivate **Region**.

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

Digital audio broadcasting

DAB broadcasts radio stations digitally.

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

General information

- With DAB, several radio programmes (services) can be 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 FM stations with the best reception. If TP ⇨ 72 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

DAB Announcements

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

Select **Menu** in the 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

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/adapter) or smartphone can be connected to the USB port.

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

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

The Infotainment system can play audio files, show picture files or play movie files contained in USB 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 ➪ 85.

File formats and folders

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

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

Note

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

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

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

Audio files

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

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

Picture files

The displayable picture file formats are JPG, JPEG, BMP, PNG and GIF.

JPG files must be 64 to 5000 pixels in width and 64 to 5000 pixels in height.

BMP, PNG and GIF files must be 64 to 1024 pixels in width and 64 to 1024 pixels in height.

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

Movie files

The playable movie file formats are AVI and MP4.

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

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

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

The displayable subtitle format is SMI.

Playing audio

Activating the music function

If the device is not yet connected to the Infotainment system, connect the device ⇨ 76.

Usually, the respective audio main menu is displayed automatically.

If playback is not started automatically, e.g. if **USB Auto Launch** is deactivated ⇨ 76, take the following steps:

Press ⌂ and then select **Audio** to open the audio main menu last selected.

Select **Source** in the interaction selector bar and then select the desired audio source to open the respective audio main menu.

Playback of the audio tracks starts automatically.

Function buttons

Interrupting and resuming playback
Touch **II** 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**.
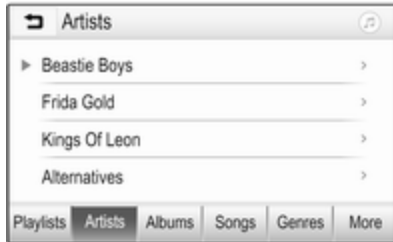
Select the desired category, subcategory (if available) and then choose a track.

Select the track to start playback.

Displaying pictures

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

Note

For your safety, some features are disabled while driving.

Activating the picture function

If the device is not yet connected to the Infotainment system, connect the device ⇨ 76.

Press ⌂ and then select **Gallery** to open the media main menu.

Touch ▣ to open the picture main menu to display a list of items stored on the USB device. Select the desired picture.

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 ◌ˣ¹ once or several times to zoom in on a picture or to return to its original size.

Viewing a slide show

Select ▣ to view the pictures stored on the USB device in a slide show.

Touch the screen to end the slide show.

Picture menu

Select **Menu** in the bottom line of the screen to display the **Picture Menu**.
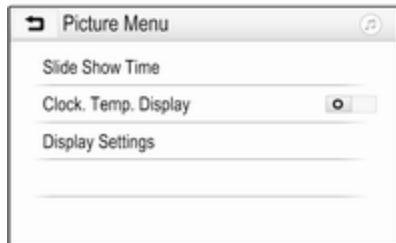
Slide show time

Select **Slide Show Time** to display a list of possible time sequences. Activate the desired time sequence in which one picture is 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 ▷ 76.

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 **II** 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 ▷ 76.

Starting phone projection

To start the phone projection function, press ⌂ and then select **Projection**.

Note

If the application is recognised by the Infotainment system, the application icon may change to **Apple CarPlay** or **Android Auto**.

To start the function, you can alternatively press and hold ⌂ for a few seconds.

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

Returning to the Infotainment screen
Press ⌂.

Speech recognition

General information

The voice pass-thru application of the Infotainment system allows access to the speech recognition commands on your smartphone. See your smartphone manufacturer's 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 ⇨ 76 or via Bluetooth ⇨ 85.

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

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

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

Important information for operation and traffic safety

⚠ Warning

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

⚠ Warning

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

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if

interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

The phone function is certified by the Bluetooth Special Interest Group (SIG).

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.

⤴ Bluetooth	♫
	1 / 2
Device Information	▲
Device Management	
Change Pairing PIN	
Ringtones	
Sort Order	▼
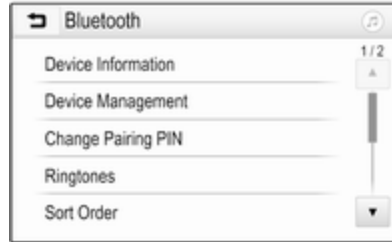
Pairing a device

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, ℰ 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 continues to be possible, e.g. taking a call or adjusting the volume.

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

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

Phone main menu

Press ⌂ and then select **Phone** to display the respective menu.

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

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

Initiating a phone call

Entering a phone number
Press ⌂ and then select **Phone**.

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

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

Touch ☎ to start dialling.

Using the phone book

Note
When pairing a mobile phone with the Infotainment system via Bluetooth, the phone book of the mobile phone is downloaded automatically ⇨ 85.

Press ⌂ and then select **Phone**.

Select **Contacts** in the phone main menu.

⊃ Contacts		
Philip Adams	☎	1/2 ▲
Peter Gilbert	☎	
Henry Miller	☎	
Julia Radcliff	☎	
John Smith	☎	▼

Quick search

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

Search menu

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

Select ⌕ in the Contacts menu to display the search tab.

⊃ Contacts			
ghi - tuv		(3)	Henry Miller
@.-,	abc	def	John Smith
ghi	jkl	mno	Julia Radcliff
pqrs	tuv	wxyz	
←	␣		

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.

				⏻	18°C	14:22
⊤⌐ MyProvider.com		◁▯▯				
Henry Miller		00.15	1	2	3	
+49567890123			4	5	6	
			7	8	9	
Contacts		○ 🎤	✳ ,	0	#	
Call History		○ 📢	📞	☎	II	

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 ⌂, select **Phone** and then select ↳.

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 ↳.

Rejecting a call

To reject the call, select ☏.

Changing the ring tone

Press ⌂ and then select **Settings**.

Select **Bluetooth** and then select **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

To end the call, select ☎.

Voice mail box

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

Voice mail number

Press ⌂ and then select **Settings**.

Select **Bluetooth**. Scroll through the list and select **Voice Mail Numbers**.

A list of all paired devices is displayed.

Select the respective phone. A keypad is displayed.

Enter the voice mail number for the respective phone.

Calling the voice mail box

Press ⌂ and then select **Phone**.

Select ✉ on the screen. The mail box is called.

Alternatively, enter the voice mail number via the phone keypad.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

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

Recommendations for fault-free operation:

● Professionally installed exterior antenna to obtain the maximum range possible

● Maximum transmission power 10 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

R 4.0

Introduction

General information

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

Using the FM, AM or DAB radio functions, you can play a great number of different radio stations. If desired, you can register stations on radio preset buttons.

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

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

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

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

Important information on operation and traffic safety

⚠ Warning

Drive safely at all times when using the Infotainment system.

If in doubt, stop the vehicle before operating the Infotainment system.

Radio reception

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

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

## Control elements overview

Control panel

1 ⏻

If switched off: short press: switch power on 102

If switched on: short press: mute system; long press: switch power off 102

Turn: adjust volume 102

2 Preset buttons

Short press: select favourites 108

Long press: save radio stations as favourites 108

3 AUDIO

Short press: open menu for tone and volume settings 105

4 ▤

Short press: toggle through the different display modes 102

Long press: turn display off (while the sound remains active) 102

5 ∧ / ∨

Radio: short press: manual station search 108

Media: short press: select next or previous folder, genre, artist or playlist; long press: scroll in a list 112

⟨ / ⟩

Radio: short press: automatic station search for the previous or next station; long press: seek up or down 108

Media: short press: select previous or next track; long press: fast forward or rewind 112

6 OK

Short press: confirm a setting or open a submenu . 104

7 MENU

Short press: display home page 104

8 BAND

Short press: toggle between the wavebands 108

9 Display

10 TA

Short press: activate or deactivate traffic announcements 109

Long press: open the TA settings 110

11 LIST

Radio: short press: display stations list; long press: update stations list 108

Media: short press: display folders list; long press: display the track listing options 112

12 BACK

Menu: one level back 104

Input: delete last character or entire entry 120

13 SRC⌒

   Short press: toggle
between the audio sources . 108

   Long press: open phone
menu if phone connected . . . 120

Steering wheel controls
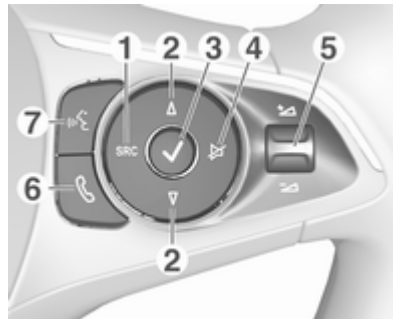
1 **SRC**

   Select audio source,
confirm selection with ✓ 102

2 **Δ / ∇**

   Select next / previous
preset radio station when
radio active 108

   or select next / previous
track when media sources
active 112

   or select next / previous
entry in call / contacts list
when phone function
active and call / contact list
open 120

   Confirm selection with ✓

3 **✓**

   Confirm selected item

   Open list

4 **⊭**

   Activate/deactivate mute
function 102

5 **⊿ / ⊾**

   Turn upwards /
downwards: increase /
decrease volume

6 **☎**

   Take phone call 120

   or reject phone call 120

   or open call / contacts list . . . 120

7 **∉**

   Activate voice pass-thru
application 116

Usage

Control elements

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

Inputs are made optionally via:

● the control panel on the Infotainment system ⇨ 99
● controls on the steering wheel ⇨ 99

Switching the Infotainment system on or off

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

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

Press ⭘ again to turn the system off.

13:36 TXT DAB-FM RDS TA   ⬛ *₂ .ıl 22⁰

hr/iNFO
99.60 MHz
🅿 hr-iNFO

Automatic switch-off

If the Infotainment system is switched on by pressing ⭘ while the ignition is switched off, it switches off again automatically after a certain time.

Setting the volume

Turn ⭘. The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set.

Speed compensated volume

When the automatic volume function is activated ⇨ 105, the volume is adapted automatically to make up for the road and wind noises as you drive.

Mute function

Press ⤬ on the steering wheel to mute the audio sources.

To cancel the mute function, press ⤬ again.

Changing the display mode

There are three different display modes available:

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

13:36 TXT DAB-FM RDS TA   ⬛ *₂ .ıl 22⁰

FFH-F
15:30   105.90 MHz
Mon 09/01/17

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

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

Modes of operation

Radio

Repeatedly press **BAND** to toggle between the different wavebands and select the desired waveband.

For a detailed description of the radio functions ⇨ 108.

USB port

Repeatedly press **SRC**⌒ to toggle between the different audio sources and select USB mode.

For a detailed description on connecting and operating external devices ⇨ 112.

Bluetooth music

Repeatedly press **SRC**⌒ to toggle between the different audio sources and select Bluetooth music mode.

For a detailed description on connecting and operating external devices ⇨ 114.

Phone

Before the phone function can be used, a connection to a Bluetooth device has to be established. For a detailed description ⇨ 118.

Press **MENU** to display the home page. Select **Telephone** by pressing ‹ and › and then press **OK** to confirm. The phone menu is displayed.

For a detailed description of mobile phone operation via the Infotainment system ⇨ 120.

Basic operation

Basic operation

OK button

Press OK:

- to confirm or activate the selected option
- to confirm a set value
- to activate or deactivate a function
- to open a menu

BACK button

Press BACK:

- to exit a menu
- to return from a submenu to the next higher menu level

Examples of menu operation

Selecting an option
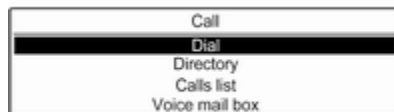
Press ∧, ∨, ‹ or › to move the cursor (= coloured background) to the desired option.

Press OK to confirm the selected option.

Activating a setting

Press ∧, ∨, ‹ or › to select the desired setting.

Press OK to activate the setting.

Setting a value

Press ‹ or › to select the current value of the setting.

Press OK to confirm the selection.

Press ‹ or › to adjust the desired value.

Press **OK** to confirm the set value.

The cursor then switches to the value of the next setting. To switch to the value of another setting, press ∧, ∨, ‹ or ›. If the values of all settings are set, select **OK** on the display and press **OK**.

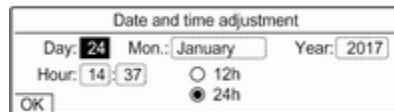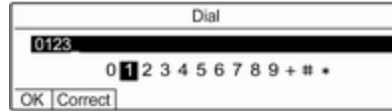### Adjusting a setting

Select the desired setting and press **OK**.

Press ‹ or › until the setting is adjusted as desired.

Select **OK** on the display and press **OK** to confirm the setting.

Entering a character sequence

To enter character sequences, e.g. telephone numbers:

Press ‹ or › to select the desired character.

Press **OK** to confirm the selected character.

The last character in the character sequence can be deleted by selecting **Correct** on the display and pressing **OK**.

To change the position of the cursor in the character sequence already entered, select the character sequence and press ‹ or › to move the cursor to the desired position.

To confirm the character sequence, press ∨ to select **OK** on the display and then press **OK**.

Tone and volume settings

In the tone and volume settings menu, the tone characteristics and volume settings can be adjusted.

The settings on page 1 can be set individually for each audio source. The settings on page 2 are set for all audio sources.

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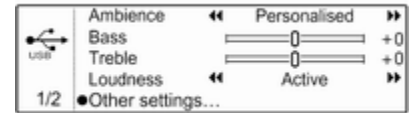
Press **AUDIO** again to display the second tone and volume settings page. Alternatively, select **Other settings…**.

Sound adjustment

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

Tone style

To activate a tone style, select **Ambience**. To toggle between the different tone styles, repeatedly press ‹ or ›.

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

Bass and treble

To enhance or attenuate the deep frequencies, select **Bass**.

To enhance or attenuate the high frequencies, select **Treble**.

Repeatedly press ‹ or › to adjust the settings.

Note

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

Loudness

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

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

Volume distribution

The volume distribution within the passenger compartment can be optimised for the driver or for all passengers.

Select **Distribution**. Press ‹ or › to toggle between the settings **Driver** and **All passengers**.

If **Driver** is selected, the volume balance is automatically optimised for the driver.

If **All passengers** is selected, the volume distribution between left and right in the passenger compartment can be set manually.

Select **Balance**. Repeatedly press ‹ to move the point of the highest sound level to the left or › to move the point of the highest sound level to the right.

Automatic volume adjustment

The volume of the Infotainment system can be adjusted automatically according to the speed of the vehicle.

Select **Auto. volume**. Press ‹ or › to toggle between the settings **Active** and **Inactive**.

System settings

Configuring the system

Open the settings menu to perform some basic system configurations, e.g.:

● Adjust the display of units for temperature or fuel consumption
● Change the display language
● Adjust date and time

Changing display language

Press **MENU** and then select **Personalisation-configuration**.

Select **Display configuration** and then select **Choice of language**.

To adjust the language for the menu texts, select the desired language and press **OK**.
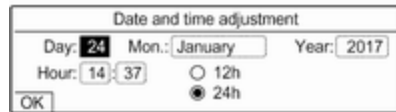
Adjusting time and date

Press **MENU** and then select **Personalisation-configuration**.

Select **Display configuration** and then select **Date and time adjustment**.

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

Date and time adjustment		
Day: **24**	Mon.: January	Year: 2017
Hour: 14 : 37	○ 12h	
OK	● 24h	

Setting time and date
By default the displayed time and date is automatically adjusted by the system.

To manually adjust the displayed time and date:

Select the value of the desired settings, e.g. **Day** and press **OK**.

Press ∧ or ∨ to set the desired value and press **OK** to confirm.

To confirm the set date and time, select **OK** on the display.

Adjusting the screen

Press **MENU** and then select **Personalisation-configuration**.

Select **Display configuration** and then select **Display personalisation**.

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

Display parameters	
☑ Auto. scrolling long texts	Brightness
	⊟ ══════○════ ⊞
OK	☾ ☼

Select **OK** on the display.

If **Auto. scrolling long texts** is deactivated, long texts are truncated.

Adjusting the brightness
In the **Brightness** section, select **+** or **-** to increase or decrease the brightness of the screen.

Press **OK** to confirm and then repeatedly press **OK** to adjust the brightness to the desired level.
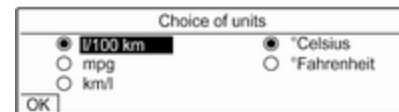
To confirm the brightness adjustment, select **OK** on the display.

Adjusting the units for temperature and fuel consumption

Press **MENU** and then select **Personalisation-configuration**.

Select **Display configuration** and then select **Choice of units**.

Select the desired unit and press **OK**.

Choice of units	
● l/100 km	● °Celsius
○ mpg	○ °Fahrenheit
○ km/l	
OK	

Select **OK** on the display.

Radio

Usage

Repeatedly press **BAND** to toggle between the different wavebands. Select the desired waveband.

As an alternative, repeatedly press **SRC**⌀ to toggle between all audio sources and select the desired waveband.

| 13:36 | TXT DABFM RDS TA | 🔋 🖁₂ ₂₁ | 22° |

hr/iNFO
99.60 MHz
hr-iNFO

The station last selected in the respective waveband is played.

Station search

Automatic station search

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

Manual station search

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

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

Station tuning

Press or press and hold ∧ or ∨ to set the desired frequency manually.

Stations lists

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

Displaying the stations list

Press **LIST** to display the stations list of the waveband currently active.

Scroll through the list and select the desired station.

Note

The station currently playing is marked with ►.

Updating the stations list

Press and hold **LIST** until a message indicating the update process is displayed.

The stations list is updated.

Preset buttons

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

Note
The station currently playing is marked with ▶.

Storing preset stations

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

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

Retrieving preset stations

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

Radio data system (RDS)

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

Alternative frequencies

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

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

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

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

Radio text

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

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

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

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

Traffic announcements (TA)

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

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

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

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

Digital audio broadcasting

DAB broadcasts radio stations digitally.

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

General information

● With DAB, several radio programmes (services) can be broadcasted on a single ensemble.

● Besides high-quality digital audio services, DAB is also able to transmit programme-associated data and a multitude of other data services including travel and traffic information.

● As long as a given DAB receiver can pick up the signal sent out by a broadcasting station (even if the signal is very weak), sound reproduction is ensured.

● In the event of poor reception, the volume is reduced automatically to avoid the output of disagreeable noises.

● Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.

● If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.

● When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TA ⇨ 109 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TA if DAB reception should not be interrupted by FM traffic announcements.

Alternative frequencies

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

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

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

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

DAB station details

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

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

USB port

General information

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

Note
The socket must always be kept clean and dry.

Connecting a USB device

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

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

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

The Infotainment system automatically creates playlists upon connection.

Disconnecting a USB device

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

Caution

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

File formats

The audio equipment supports different audio file formats.

Playing saved audio files

Activating the USB music function

If the device is not yet connected to the Infotainment system, connect the device ⇨ 112.

The Infotainment system automatically switches to USB music mode.

If the device is already connected, repeatedly press **SRC**⌕ to change to USB music mode.

Playback of the audio tracks starts automatically.

```
13:36          RTP TA    🔋⁑.ⅱ  22°
            ♪  Root Up
🔌               8/15         ▸ 00:57
USB
      The Favourites - Solid Gold Hits - Best Of  ☺
```

Function buttons

Playing the next or previous track
Press 〉 to play the next track.

Press 〈 to play the previous track.

Fast forwarding and rewinding
Press and hold 〈 or 〉. Release to return to normal playback mode.

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

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

Browse menu

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

Browse function
To display the browse list, press **LIST**. The tracks are sorted in categories of folders, genres, artists, and playlists.

Select the desired categories and choose a track. Select the track to start playback.

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

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

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

USB music menu

In the USB music menu, you can set the play mode for the tracks on the device connected.

Activate the USB music mode and then press **OK** to display the USB music menu.

Activate the desired play mode.

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

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

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

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

Bluetooth music

General information

Connecting a Bluetooth device

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

The external Bluetooth device must be paired to the Infotainment system ⇨ 118.

If the device is paired but not connected to the Infotainment system, establish the connection via the **Connections management** menu:

Press **MENU** and then select **Connections**. Select **Connections management** and then choose the desired Bluetooth device to enter a submenu.

To serve as audio source, the device must be connected as media player. Select **Connect media player** or **Connect telephone + media player** as desired. The device is connected.

Disconnecting a Bluetooth device

Press **MENU** and then select **Connections**. Select **Connections management** and then choose the desired Bluetooth device to enter a submenu.

Select **Disconnect media player** to disconnect the device only as Bluetooth audio source. In this case, the connection for the telephone function remains active.

To completely disconnect the device, select **Disconnect telephone + media player**.

Select **Yes** in the message and press **OK**.

Operation

Activating the USB music function

If the device is not yet connected to the Infotainment system, connect the device ⇨ 118.

The Infotainment system automatically switches to Bluetooth music mode.

If the device is already connected, repeatedly press **SRC**⚲ to change to Bluetooth music mode.

If music playback does not start automatically, it may be required to start the audio files from the Bluetooth device.

Function buttons

Playing the next or previous track
Press 〉 to play the next track.

Press 〈 to play the previous track.

Speech recognition

General information

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

In order to use the voice pass-thru application, the smartphone must be connected via Bluetooth ⇨ 118.

Usage

Activating speech recognition

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

Adjusting the volume of voice prompts

Turn ⏻ on the control panel or press the volume button on the steering wheel upwards (increase volume) ⇧ or downwards (decrease volume) ⇩.

Deactivating speech recognition

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

Phone

General information

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

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

Important information for operation and traffic safety

⚠ Warning

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

⚠ Warning

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

Do not forget to follow the special regulations that apply in specific areas and always switch off the mobile phone if the use of mobile phones is prohibited, if

interference is caused by the mobile phone or if dangerous situations can occur.

Bluetooth

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

You will find further information about the specification on the Internet at http://www.bluetooth.com

Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. a telephone with other devices. Data such as a telephone book, call lists, the network operator's name, and field strength can be transferred. The functionality can be restricted depending on the telephone type.

Pairing a Bluetooth device

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

Press **MENU**, select **Connections** and press **OK**.

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

- If SSP (secure simple pairing) is supported: Confirm the messages on the Infotainment system and the Bluetooth device.

- If SSP (secure simple pairing) is not supported: On the Infotainment system: a message is displayed asking you to enter a PIN code on your Bluetooth device. On the Bluetooth device: enter the PIN code and confirm your input.

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

Note

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

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

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

Connecting another paired device

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

Press **MENU**, select **Connections** and press **OK**.

Select **Connections management** and press **OK**. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

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

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

Disconnecting a device

Press **MENU**, select **Connections** and press **OK**.

Select **Connections management** and press **OK**. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

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

Select the device currently connected to the Infotainment system.

Press **OK** to confirm your selection.

Select **Disconnect telephone**.

To disconnect the device, select **Yes** and press **OK**.

Removing a paired device

Press **MENU**, select **Connections** and press **OK**.

Select **Connections management**. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

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

Select the desired device and press **OK** to confirm.

To remove the paired device, select **Delete connection** and press **OK**.

Emergency call

⚠ **Warning**

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

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

⚠ **Warning**

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

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

Making an emergency call

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

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

Answer when the service personnel questions you about the emergency.

⚠ Warning

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

Operation

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

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

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

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

Initiating a phone call

Entering a number manually
Press **MENU**, select **Telephone** and then select **Call**.
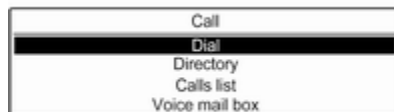
Select **Dial**.

Enter the desired number: Select the desired digits and confirm each digit with **OK**.

To start dialling, select **OK** on the display.

Using the phone book
The phone book contains contact names and numbers.

Press **MENU** and then select **Telephone**.

Select **Call** and then select **Directory**.

To start dialling, scroll through the list and select the desired entry name.

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

Press **MENU** and then select **Telephone**.

Select **Call** and then select **Calls list**.

To start dialling, scroll through the list and select the desired entry.

Sending contacts from a mobile device to the Infotainment system

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

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

Select Directory management.

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

Putting incoming calls automatically on hold

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

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

Telephone
Call
Directory management
Telephone management
Hang up

Select Telephone management and then select Telephone parameters.

To activate the Automatic on hold function, press OK.

Incoming phone call

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

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

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

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

Second incoming phone call

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

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

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

Functions during a phone call

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

Press OK to open the contextual menu.

Hang up   MIC OFF   📶 ⚡ ⋅⋅⋅   22°
☑ Micro OFF   ☎ +4912345678900
☐ Telephone mode
  On hold   📱
  Switch   10:53

To end the call, select Hang up.

To switch off the microphone, activate Micro OFF. To switch the microphone on, deselect Micro OFF.

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

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

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

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

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

Recommendations for fault-free operation:

● Professionally installed exterior antenna to obtain the maximum range possible,

● Maximum transmission power 10 watts,

● Installation of the phone in a suitable spot, consider relevant Note in the Owner's Manual, section **Airbag system**.

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

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

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

⚠ Warning

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

Caution

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

Index

www.opel.com

ID-OCDAIBSE1704-en