

KARL

Infotainment Manual



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R 4.0 / Navi 4.0 IntelliLink

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Introduction

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General information

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

Using radio tuner functions, you may register up to 25 stations on five favourite lists.

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

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

In addition, the Infotainment system allows comfortable and safe use of your mobile phone in the vehicle.

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

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

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

Note

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

Important information on operation and traffic safety

Warning

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

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
- 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

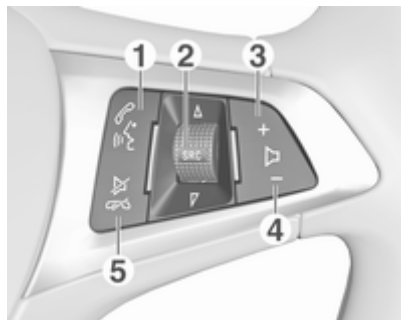



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Usage

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 ↗ 49

Switching the Infotainment system on or off

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

Long press \odot to switch the system off.

Automatic switch-off

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

Setting the volume

Turn \odot . The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that it is lower than the maximum start-up volume. For a detailed description ↗ 17.

Speed compensated volume

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

Mute

Press \odot to mute the Infotainment system.

To cancel the mute function, press \odot again. The last selected volume is set again.

Modes of operation

Press Home to display the home menu.

Note

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

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 ↪ 21
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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 ↪ 30
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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 ↪ 50.

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 ↪ 54.

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 ↪ 32.

Nav

(R 4.0 IntelliLink, if **Projection** not available)

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

For a detailed description ⇨ 32.

Navigation

(Navi 4.0 IntelliLink)

Press  to display the home screen.

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



For a detailed description of the navigation functions ⇨ 34.

Settings

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



OnStar

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

For a detailed description, see Owner's Manual.

Basic operation

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Basic operation

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

Caution

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

↩ screen button

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

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

Selecting or activating a screen button or menu item



Touch a screen button or menu item.

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

Moving items on the home menu



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

Note

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

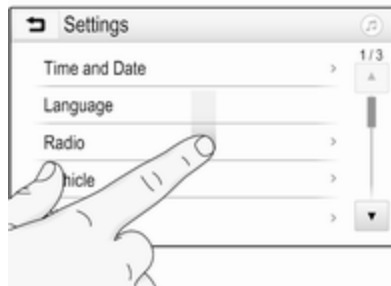
All other items are rearranged.

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

Note

Edit mode exits automatically after 30 seconds of inactivity.

Scrolling lists



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

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

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

Note

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

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

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

Scrolling pages



Note

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

To scroll from one page to another:

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

Note

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

- Touch > or < on the screen.

Quick-jumping to the Audio and Navigation application

Using the @ or @ symbols displayed in the top line of some menus, you may directly jump to a different application.



To directly jump to the **Audio** menu, select @.

To directly jump to the **Navigation** menu, select @.

Note

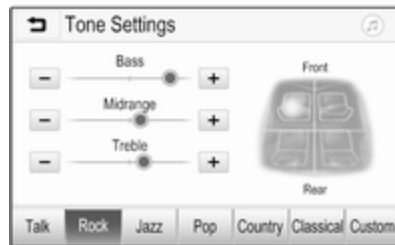
The @ symbol is only available if route guidance is active.

Tone settings

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

To open the tone settings menu, select **Menu** in the respective audio main menu. If necessary, scroll

through the list of menu items and select **Tone Settings**. The respective menu is displayed.



Equaliser mode

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

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

Bass

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

Touch + or - to adjust the setting.

Midrange

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

Touch + or - to adjust the setting.

Treble

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

Touch + or - to adjust the setting.

Setting balance and fader

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

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

Note

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

Volume settings

Adjusting the maximum startup volume

Press  and then select **Settings**.

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

Touch + or - to adjust the setting or move the slider on the volume bar.

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.

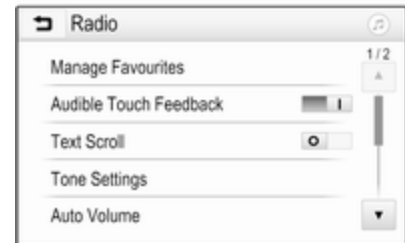
High: maximum enhancement of volume with increasing vehicle speed.

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.

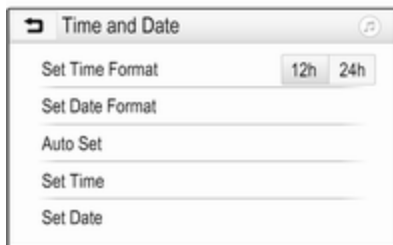
System settings

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 **+** or **-** to adjust the settings.

Language settings

Press  and then select **Settings**.

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

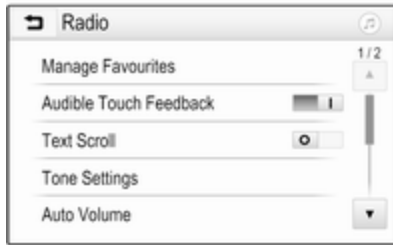
To adjust the language for the menu texts, touch the desired language.

Text scroll function

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

Press  and then select **Settings**.

Select **Radio**.



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

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

Black display function

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

Press and then select **Settings**.

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

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

Factory defaults

(R 4.0 IntelliLink)

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.

Factory defaults

(Navi 4.0 IntelliLink)

Press and then select **Settings**.

Scroll through the list and select **Restore Factory Settings**.

Vehicle settings

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

A pop-up is displayed. Confirm the pop-up message.

Phone information

To delete the paired Bluetooth devices, the contacts list and the voice mail numbers stored, select **Clear all phone information**.

A pop-up is displayed. Confirm the pop-up message.

Radio settings

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

A pop-up is displayed. Confirm the pop-up message.

Navigation settings

To reset all navigation parameters and navigation system settings, select **Restore Navigation Settings**. A submenu is displayed.

Depending on which set of parameters you want to reset, select **Clear navigation history** (recent destinations), **Clear navigation favourites** (favourites) or **Reset navigation options and settings** (e.g. settings concerning map display, voice output or route options).

A pop-up is displayed. Confirm the pop-up message.

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

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Usage

Activating radio

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

Select **Source** in the radio main menu to open the interaction selector bar.





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 ⇨ 23 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations ⇨ 23 are searched for.

Station tuning

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



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

Confirm the input to play the station.


Station lists

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

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

Select the desired station.

Note

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

Category lists

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

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

Note

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


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

A list of programme types currently available is displayed.

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

Select the desired station.

Note

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

Update station lists

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

Note

The FM station list is updated automatically.

Select **Menu** in the radio main menu and then select **Update Station List**.

Note

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

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

Note

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

Favourite lists

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



Five favourite lists with five favourites each are available.

Note

The currently received station is highlighted.

Storing a station

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

To store the currently active radio station as a favourite, touch and hold the desired favourite button for a few seconds. The favourite button will be titled as the corresponding frequency or station name.

Retrieving a station

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

Select the desired favourite.

Defining the number of available favourite lists

To define the number of favourite lists displayed for selection, press ⚙ and then select **Settings** on the screen.

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

Activate or deactivate the favourite lists to be displayed.

Radio data system

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

Advantages of RDS

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

RDS configuration

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

Scroll to **RDS**.

Activate or deactivate **RDS**.

Traffic Programme

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

Activating the traffic programme function

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

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

Note

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

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

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

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

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

Regionalisation

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

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

Activate or deactivate **Region**.

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

Digital audio broadcasting

Digital audio broadcasting (DAB) broadcasts radio stations digitally.

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

General information

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

reception is interrupted completely. This incident can be avoided by activating **DAB-DAB Linking** or **DAB-FM Linking** in the DAB menu (see below).

- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the FM stations with the best reception. If TP ⇨ 23 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

DAB Announcements

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

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

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

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

DAB-DAB Linking

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

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

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

DAB-FM Linking

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

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

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

L Band

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

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

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

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

Intellitext

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

Note

The content available depends on the station and region.

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

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

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

EPG

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

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

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

External devices

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General information

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

Note

The USB port must always be kept clean and dry.

USB port

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

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

Note

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

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

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

Note

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

Connecting / disconnecting a device

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

Note

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

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


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 ⇨ 51.

File formats and folders

The maximum capacity of a device supported by the Infotainment system amounts to 5000 music files, 5000 picture files, 500 movie files, 5000 folders and 15 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 ↗ 27.

Usually, the respective audio main menu is displayed automatically.

If playback is not started automatically, e.g. if **USB Auto Launch** is deactivated ↗ 27, take the following steps:

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



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

Playback of the audio tracks starts automatically.



Function buttons


Interrupting and resuming playback

Touch  to interrupt playback. The screen button changes to .


Touch  to resume playback.

Playing the next or previous track



Touch  to play the next track.

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

Returning to the beginning of the current track



Touch  after two seconds of the track playing.


Fast forwarding and rewinding

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

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

Playing tracks randomly

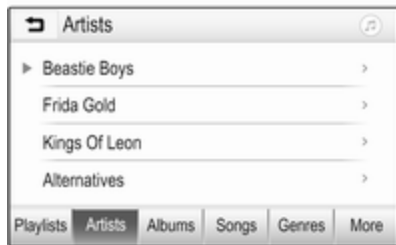
Touch  to play the tracks in random order. The screen button changes to .

Touch  again to deactivate the shuffle function and go back to the normal playback mode.

Browse Music function

To display the browse screen, touch the screen. Alternatively, select **Menu** in the audio main screen to display the respective audio menu and then select **Browse Music**.

Different categories, in which the tracks are sorted, are displayed, e.g. **Playlists**, **Artists**, or **Albums**.



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

Select the track to start playback.

Displaying pictures


You can view pictures from a USB device.


Note

For your safety, some features are disabled while driving.

Activating the picture function

If the device is not yet connected to the Infotainment system, connect the device ↗ 27.

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


Touch  to open the picture main menu to display a list of items stored on the USB device. Select the desired picture. If this is stored within a folder, select the respective folder first.




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


Function buttons

Full screen mode

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

Viewing the next or previous picture


Touch  or swipe to the left to view the next picture

Touch  or swipe to the right to view the previous picture.


Rotating a picture

Select  to rotate the picture.

Zoom in on a picture

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

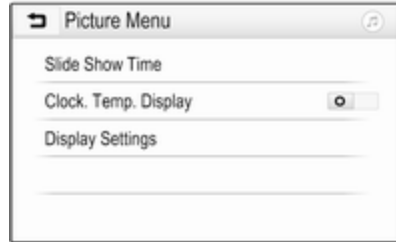
Viewing a slide show

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

Touch the screen to end the slide show.

Picture menu

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



Slide show time

Select **Slide Show Time** to display a list of possible time sequences and select the desired time sequence.

Clock and temperature display

To display time and temperature in full screen mode, activate **Clock. Temp. Display**.

Display settings

Select **Display Settings** to open a submenu for the adjustment of brightness and contrast.

Touch + or - to adjust the settings.

Playing movies

You can view movies from a USB device.

Note

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

Activating the movie function

If the device is not yet connected to the Infotainment system, connect the device ↗ 27.

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

Touch to open the movie main menu to display a list of items stored on the USB device. Select the desired movie. If this is stored within a folder, select the respective folder first.

The movie is shown.



Function buttons

Full screen

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

Interrupting and resuming playback

Touch to interrupt playback. The screen button changes to .

Touch to resume playback.

Playing the next or previous track

Touch to play the next movie file.

Touch within the first five seconds of the movie playing to return to the previous movie file.

Returning to the beginning of the current movie

Touch ◀ after five seconds of the movie playing.

Fast forwarding and rewinding

Touch and hold ◀ or ▶. Release to return to normal playback mode.

Movie menu

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



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 + or - 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 Info Display and allow their operation directly via the Infotainment controls.

Check with the device's manufacturer if this function is compatible with your smartphone and if this application is available in the country you are in.

Preparing the smartphone

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

iPhone: Make sure Siri® is activated on your smartphone.

Activating phone projection in the settings menu

Press ⌘ to display the home screen and then select **Settings**.

Scroll through the list to **Apple CarPlay** or **Android Auto**.

Make sure the respective application is activated.

Connecting the mobile phone

Connect the smartphone to the USB port ◀ 27.

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 home screen

Press .

BringGo

BringGo is a navigation app providing location search, map display and route guidance.

Note

Before downloading the app, check whether BringGo is available in your vehicle.

Downloading the app

Before BringGo can be operated using the controls and menus of the Infotainment system, the respective application must be installed on the smartphone.

Download the app from App Store® or Google Play Store.


Activating BringGo in the settings menu

Press  to display the home screen and then select **Settings**.


Scroll through the list to **BringGo**.

Make sure the application is activated.

Connecting the mobile phone

Connect the smartphone to the USB port  27.

Starting BringGo

To start the app, press  and then select the **Nav** icon.

The main menu of the application is shown on the Info Display.

For further information on how to operate the app, see the instructions on the manufacturer's website.

Navigation

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General information

This chapter is about the embedded navigation system of Navi 4.0 IntelliLink.

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.

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

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

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

The TMC traffic stations can be selected in the navigation menu
↪ 35.

Map data

All required map data is stored within the Infotainment system.


To update the navigation map data, purchase new data at the Opel Dealer or on our home page <http://opel.navigation.com/>. You are provided with a USB device containing the update.

Connect the USB device to the USB port and follow the instructions on the screen. The vehicle must be turned on during the update process.

Note

The vehicle remains operational during the update process. If the vehicle is turned off, the update can be paused. The navigation application, Bluetooth and other external devices are unavailable until the update process is finished.

Usage

To display the navigation map, press  and then select the **Navigation** icon.

Route guidance not active



- The map view is displayed.
- The current location is indicated by a circle with an arrow pointing into the direction of travel.
- The name of the street you are currently in is displayed on the bottom of the screen.

Route guidance active



- The map view is displayed.
- The active route is indicated by a coloured line.
- The moving vehicle is marked by a circle with an arrow pointing into the direction of travel.
- The next turning manoeuvre is indicated in the separate field on the left side of the screen.
- The arrival time or travel time is shown above the arrow symbol.
- The remaining distance to the destination is displayed above the arrow symbol.

Map manipulation

Scrolling


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

The map moves accordingly displaying a new section.

To return to the current location, select **Re-centre** on the bottom of the screen.

Centring

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

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



To return to the current location, select **Re-centre** on the bottom of the screen.

Zooming

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

Alternatively, use **+** on the map screen.

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, use **-** on the map screen.

Cancel screen button

During active route guidance, a **Cancel** screen button is displayed on the left side of the screen.

To cancel the active route guidance session, select **Cancel**.

For a few seconds, a **Resume Trip** screen button is displayed on the map screen. Select **Resume Trip** to restart the cancelled guidance session.

Overview screen button

During active route guidance, an **Overview** screen button is displayed on the left side of the screen.

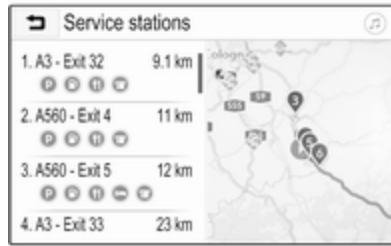
To display an overview of the route currently active, select **Overview**. The map changes to the desired route overview.

To return to the normal view, select **Overview** again.

⌘ screen button

If route guidance is active and you are on a highway, an additional **⌘** screen button is displayed on the bottom of the map.

Select **⌘** to display a list of the next upcoming service stations.



When selecting a desired exit, you can access points of interest in the respective area and start route guidance to some of these locations **↔** 40.

✕ screen button

In a menu or submenu, select **✕** to directly return to the map.

Current location

Select the street name on the bottom of the screen. Information on the current location is displayed.



To save the current location as favourite, select **Favourite**. The **★** icon is filled and the location is saved in the favourites list.

Map settings

Map view

Three different map views are available for selection.

Select **⊙** on the map screen and then repeatedly select the map view screen button to toggle between the options.




Depending on the former setting, the screen button is labelled **3D Head Up**, **2D Head Up** or **2D North Up**. The map view changes according to the screen button.

Select the desired option.

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.

Select  on the map screen to display the **Options** menu. Select **Navigation Settings** and then **Map colours**.


The default setting is **Auto**. When **Auto** is activated, the screen adjusts automatically.

Alternatively, activate **Day (light)** or **Night (dark)** for an only light or only dark screen.

Autozoom function

If the autozoom function is activated (default setting), 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 deactivate the function, select  on the map to display the **Options** menu. Select **Navigation Settings** and then touch the slider bar next to **Auto Zoom**.

Touch the screen button again to reactivate the function.

POI (Points of Interest) icons on the map

POIs are points of general interest, e.g. gas stations or restaurants.


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

Select  on the map to display the **Options** menu. Select **Navigation Settings** and then **Show on map**.

Activate the desired POI categories.

Traffic events on the map


Traffic events may be directly indicated on the map.

To activate the function, select  on the map to display the **Options** menu. Select **Traffic on Map**. The screen button changes to activation mode.

To deactivate the function, select **Traffic on Map** again.

Time indication

The time indication during active route guidance may be displayed in two different modes: the remaining time (until the destination will be reached) or the arrival time (when the destination will be reached).

Select  on the map to display the **Options** menu. Select **Navigation Settings** and then **Time to Destination Format**.


Activate the desired option in the submenu.

Note

During active route guidance, the time indication can be changed by simply tapping on the time indication field on the screen.

Alert preferences

If desired, you may receive an additional notification in specific traffic zones.

Select  on the map to display the **Options** menu. Select **Navigation Settings** and then **Alert Preferences**.

If **Safety camera** is activated, you are warned when approaching a stationary speed camera.

Note

This function is only available if such an alert system corresponds to the legal provisions applicable in the country you are in.

Activate the desired option.


Voice guidance

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

Note


The navigation voice prompts function is not supported for all languages. If there are no voice prompts available, the system automatically plays a tone to indicate a manoeuvre ahead.

Activation

The voice guidance function is activated by default. To deactivate the function, select  on the map to display the **Options** menu and then touch **Voice Guidance**. The screen button changes.

Select the screen button again to reactivate the function.

Voice guidance settings

To define which system outputs may assist during active route guidance, select  on the map, **Navigation Settings** and then **Voice Guidance**.

If **Normal voice guidance** is activated, a voice announces the next turning manoeuvre to be taken.

If **Beep only** is activated, only beep tones are given out for notification.


In the submenu of **Prompts during Phone Call**, the possible voice outputs during a phone call can be set.

Activate the desired options.

Note

Voice guidance prompts are only given out if **Voice Guidance** is activated in the **Options** menu, see above.

Information

Select  on the map to display the **Options** menu. Select **Navigation Settings** and then **About**.

The texts of the manufacturer's terms and conditions or privacy statement can be accessed via the respective menu items.

The navigation map version is displayed.

Destination input

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

Destination input via map


It is possible to directly enter destinations from the map screen.

Personal addresses on the map

You can predefine two address shortcuts (e.g. Home and Work) to easily start route guidance to these two places. The addresses can be defined in the settings menu and be labelled individually. Then, they can be directly selected from the map.

To save the addresses, select  on the map, **Navigation Settings** and then **Set up My Places**.

Select one of the menu items (**Home** and **Work** by default). Use the keyboard to enter the required data in the address field. For a detailed description of the keyboard, see below.

To change the name of the personal address, select  to hide the keyboard and select one of the items in the list. Alternatively, enter a new name in the first entry field.

If necessary, tap within one of the entry fields to redisplay the keyboard and select **Done**. The location is saved as shortcut.


To start route guidance to one of these locations, select the = screen button on the map. The two destinations are displayed.

Select one of the screen buttons. The **Routes** menu is displayed.

Activate the desired route and then select **Go** to start route guidance.

Destination selection via map


Scroll to the desired map section. Touch and hold the desired location on the screen. The map centres around this location.

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



Touch the label. The **Details** menu is displayed. Select **Go** to start route guidance.

Keyboard entry

Select  on the map to display the destination search menu.



You can directly enter a search word e.g. address, POI category or name, phone contact, favourite, recent destination or coordinates in the entry field on top of the search menu screen.

Note

Coordinates have to be entered in the following way: latitude, longitude e.g. "43.3456, 9.432435".

Alternatively, select **Address**, **POI** or **Junction** to use a search mask. If required, touch > to scroll the page.

To access the number and symbol keyboard, select **?123**. Select **ABC** at the same position on the keyboard to return to the letter keyboard.

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 enter capital letters, select **⇧** and then the desired character.

To delete a character, select **✕**. To delete the whole entry, select the tiny **X** within the entry field.

As soon as characters are entered, the system makes search word suggestions. Every additional character is considered in the matching process.



If desired, select one of the search words suggested. When the entry fields are filled out, select **Search** on the keyboard. The **Results** menu is displayed.

Select the desired destination. The **Details** menu is displayed. Select **Go** to start route guidance.

Considering the letters entered, the system also creates a list of probable destinations assembled from phone contacts, POIs, addresses, recent destinations and favourites. Touch **☰** on the bottom of the screen to hide the keyboard and gain access to the list.

To redisplay the keyboard, tap within the entry field.

If desired, select a destination from the list. The **Details** menu is displayed. Select **Go** to start route guidance.

Lists with selectable destinations

To access the lists, select **Q** on the map and, if required, touch **>** to scroll the page.

Select one of the options:

- **Recent:** list of destinations recently used
- **Favourites:** list of destinations stored as favourites
- **Contacts:** list of addresses stored in the phone book of the mobile phone currently connected via Bluetooth

To choose a destination from one of the lists, scroll through the respective list and select the desired destination. The **Details** menu is displayed. Select **Go** to start route guidance.

Recent destinations

The recent destinations list is automatically filled with destinations used in route guidance.

The addresses in the recent destinations list can be stored as favourites. Enter the recent destinations list, select **:** next to the desired address to display additional function buttons and then select **★**. If the icon is filled, the address is saved in the favourites list.

Addresses can be deleted from the recent destinations list. Enter the recent destinations list, select **:** next to the desired address and then select **☒** to delete the respective address.

Favourites

Favourites can be added when a **★** icon is displayed next to an address. When the star icon is filled, the respective address is stored as a favourite.

The position of a favourite in the list can be changed. Enter the favourites list, select **:** next to the desired favourite to display additional function buttons and then select **^** or **v**.

The name of a favourite can be changed. Enter the favourites list, select **:** next to the desired favourite to display additional function buttons and then select **✎**. A keyboard is displayed. Enter the desired name and then select **Done**.

Favourites can be deleted. Enter the favourites list, select **:** next to the desired favourite to display additional function buttons and then select **★**. The favourite is deactivated (unfilled star). If you select the icon again, the favourite is reactivated (filled star). When leaving the favourites list while favourites are deactivated, they are deleted from the list.

Contacts

You can search for addresses within the list by using the keyboard. Enter the first letters of the word (name or

address) you want to search for. All entries containing a word starting with these letters are displayed.

For a detailed description of the keyboard, see above.

Category search

POIs can also be searched by categories.

Select **Q** on the map and then select **POI**.



Note

If desired, set the location around which you want to search for POIs via keyboard entry in the second

entry field (default setting: Nearby) and then use the category search menu.

If required, scroll to the desired page and then select one of the main categories in the menu.

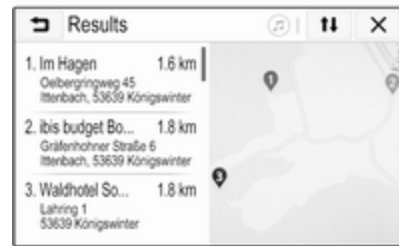
Depending on the category selected, different subcategories may be available.

Navigate through the subcategories until you reach the **Results** list.

Select the desired POI. The **Details** menu is displayed. Select **Go** to start route guidance.

Results list

In the **Results** list, different possible destinations are listed.



If route guidance is active, two different tabs are available.



Choose between the tabs:

- **Along Route:** possible destinations along the route currently active
- **At Destination:** possible destinations around the destination of the route

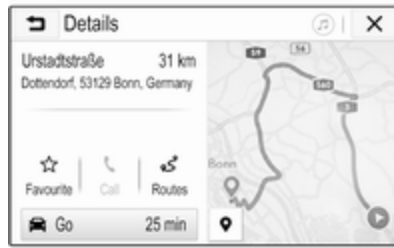
The list can be sorted in two different ways. Select **↑↓** in the top right corner of the screen and activate the desired option.

If you activate sorting by relevance, the system tries to give you the best match according to your search term.

If you activate sorting by distance, the system arranges the destinations according to their distance to your current location.

Details menu

After a destination has been selected, the **Details** menu is displayed.



Storing favourites

To store the respective destination as a favourite, activate **Favourite** (filled star: favourite saved, unfilled star: favourite not saved).

The destination is stored as a favourite and may then be accessed via the favourites list.

Initiating a phone call

In some cases, e.g. when a POI has been selected, a phone number might be available for the respective destination. To call this phone number, select **Call**.

Setting the route

In case the system finds more than one possible route, you can choose between the routes suggested.

Select **Routes** to display a list of all routes detected by the system. Activate the desired route and then select **Go** to start route guidance.

Routes with several destinations

After route guidance has been started, it is possible to add destinations to the active route, e.g. to pick up a friend on the way or stop at a gas station.

Note

Up to five destinations can be combined in one route.

Start route guidance to the desired destination.

To add another destination, select **Add** on the map and then select **Add Destination**. The destination search menu is displayed.

Navigate to the desired destination. The **Details** menu is displayed. Select **Add**.

Note

If you select **Go**, route guidance to the destination first selected is stopped and route guidance to the new destination is started.

The destinations are arranged in the order in which they are entered while the last destination added is the first you are guided to. In order to check or confirm while driving, the name of the next destination is displayed above the arrival time and distance.

The order of the destinations can be changed ⇨ 45.

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 indicated by pop-up messages displayed on top of the screen.

Voice guidance

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

To activate the voice prompts function ⇨ 35.

Touch the big turn arrow on the left side of the screen to replay the last voice guidance instruction.

Starting and cancelling route guidance

To start route guidance, select **Go** in the **Details** menu after a destination has been selected ⇨ 40.


To cancel route guidance, select **Cancel** on the left side of the screen ⇨ 35.


Destinations list


The **Destinations** list contains all destinations belonging to the route currently active.

Touch > within the time and distance field. The **Destinations** list is displayed.




In case a phone number is available, select  to start a phone call.

To change the order of the destinations, select  in the field of the destination whose position is to be changed. The order is rearranged and the destination selected is set at the first position.

To delete a destination from the route, select  in the field of the respective destination. The destination is deleted and the route is rearranged.



Turn list


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

Select  underneath the manoeuvre indication to display the turn list. The turn list contains all upcoming turns on the active route.



To display a turning manoeuvre on the map, scroll through the list and touch the desired manoeuvre. The map jumps to the respective location on the map.

To avoid a route section, select  next to the respective turning manoeuvre. A  symbol is displayed.

To recalculate the route without the respective route section, select . The route is changed.


Select the arrow above the list to return to the normal navigation map screen.

Traffic settings

There are different options available concerning traffic events.

Traffic list

The traffic list contains all traffic events detected by the system.

To access the traffic list, select  on the map and then **Traffic List**. The list is displayed.



If route guidance is active, choose between the tabs:

- **Along Route:** traffic events along the active route
- **Nearby:** traffic events close to the current location of the vehicle


Traffic events

If required, scroll to the desired traffic event.

To display additional information, select the respective traffic event.

List sorting


The nearby list can be organised in two different ways.

To change the sorting order, select  in the top right corner of the screen. The **Traffic Events Sorting** menu is displayed.

Activate the desired option.

Traffic station

The traffic message channel providing the traffic information can be personally set, if desired.

Select  on the map to display the **Options** menu. Select **Navigation Settings** and then **Traffic Resource**.

A list of all traffic stations currently available is displayed.


By default, **Auto** is activated. The station is adapted automatically by the system.

If you want the traffic information to be taken from a specific station, activate the respective station.

Traffic avoidance function

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.

To set the parameters for these modifications, select  on the map to display the **Options** menu. Select **Navigation Settings, Routing options** and then **Auto-Reroute to Avoid Traffic**.

If you want the system to automatically modify the route according to new traffic messages, activate **Automatically reroute**.

If you want to be consulted when a route is modified, activate **Always ask**.


If you do not want routes to be modified, activate **Never**.

Route settings

Parameters for road and route selection can be set.

Road types


If desired, certain road types can be avoided.

Select  on the map to display the **Options** menu. Select **Avoid on Route** and then activate the road types you want to be avoided.

Note

If route guidance is active when changing the road settings, the route is recalculated according to the new settings.

Route type

To set the route type, select  on the map to display the **Options** menu. Select **Navigation Settings, Routing options** and then **Route type**.

Activate the desired option:

- **Fastest** for the fastest route
- **Eco-friendly** for a route that allows ecologically friendly driving

Speech recognition

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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 ↻ 27 or via Bluetooth ↻ 51.


Usage

Activating speech recognition


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

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

Adjusting the volume of voice prompts

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

Deactivating speech recognition

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

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General information

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

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

Important information for operation and traffic safety

Warning

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

Warning

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

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

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

Bluetooth

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

You can find further information about the specification on the internet at <http://www.bluetooth.com>.

Bluetooth connection

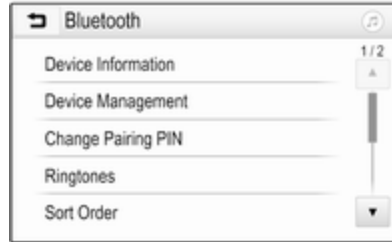
Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, smartphones or other devices.

The pairing and connecting of the Bluetooth devices to the Infotainment system are carried out via the **Bluetooth** menu. Pairing is the PIN code exchange between the Bluetooth device and the Infotainment system.

Bluetooth menu

Press  and then select **Settings**.

Select **Bluetooth** to display the Bluetooth menu.



Pairing a device


Important information

- Up to ten devices can be paired to the system.
- Only one paired device can be connected to the Infotainment system at a time.
- Pairing only needs to be carried out once, unless the device is deleted from the list of paired devices. If the device has been

connected previously, the Infotainment system establishes the connection automatically.

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

Pairing a new device

1. Activate the Bluetooth function of the Bluetooth device. For further information, see the operating instructions of the Bluetooth device.
2. Press  and then select **Settings** on the display.

Select **Bluetooth** and then **Device Management** to display the respective menu.



Note

If no phone is connected, the **Device Management** menu can also be accessed via the phone menu: Press and then select **Phone**.

3. Touch **Search Device**. All discoverable Bluetooth devices in the environment are displayed in a new search list.
4. Touch the Bluetooth device you wish to pair.
5. Confirm the pairing procedure:
 - If SSP (secure simple pairing) is supported:

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

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

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

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

6. The Infotainment system and the device are paired.

Note

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

7. The phone book is downloaded automatically to the Infotainment system. Depending on the phone, the Infotainment system must be allowed access to the phone book. If required, confirm the

messages displayed on the Bluetooth device.

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

Changing the Bluetooth PIN code

Press and then select **Settings**.

Select **Bluetooth** and then **Change Pairing PIN** to display the respective submenu. A keypad is displayed.

Enter the desired four-digit PIN code.

To delete an entered number, select .

Confirm your input by selecting **Enter**.

Connecting a paired device

Press and then select **Settings**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

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

Note

The connected device and the available options are highlighted.

Disconnecting a device

Press  and then select **Settings**.

Select **Bluetooth** and then **Device Management** to display the respective menu.


Select the Bluetooth device currently connected. You are prompted with a message.

Select **Yes** to disconnect the device.

Deleting a device

Press  and then select **Settings**.

Select **Bluetooth** and then **Device Management** to display the respective menu.

Select  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

in all mobile phone networks; problems may occur when certain network services and / or telephone functions are active. You can enquire about this with the local network operators.

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

Making an emergency call

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

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

Answer when the service personnel questions you about the emergency.

Warning

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

Operation

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

Note


In the hands-free mode, mobile phone operation is still possible, e.g. taking a call or adjusting the volume.

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

Note

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

Phone main menu

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



Note

The **Phone** main menu is only available if a mobile phone is connected to the Infotainment system via Bluetooth. For a detailed description ⇨ 51.


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



Initiating a phone call

Entering a phone number

Press  and then select **Phone**.

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

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

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

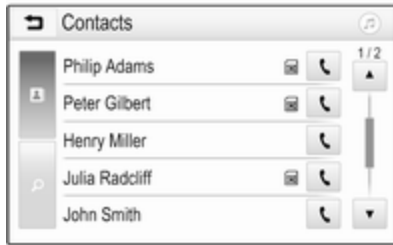
Using the phone book

Note


When pairing a mobile phone with the Infotainment system via Bluetooth, the phone book of the mobile phone is downloaded automatically ⇨ 51.

Press  and then select **Phone**.


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



Note


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

Quick search

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


Search menu

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

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



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

Use  to delete an entered group of letters.

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

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

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

2. Select the button containing the second letter of the contact you wish to search for.
3. Continue to enter more letters of the contact you wish to search for until the desired contact is displayed.
4. Touch the contact you wish to call. A menu with all phone numbers stored for the selected contact is displayed.
5. Select the desired phone number to initiate the call. The following screen is shown.



Contacts settings

The contacts list can be sorted by last name or first name.

Press and then select **Settings** to display the respective menu.

Select **Bluetooth** and then **Sort Order**. Activate the desired option.

Using the call history

All incoming, outgoing, or missed calls are registered.

Press and then select **Phone**.

Select **Call History** in the phone main menu.



Select for outgoing calls, for missed calls, for incoming calls and for all calls. The respective call list is displayed.

Select the desired entry to initiate a call.

Redialling a number

The last dialled phone number can be redialled.

Press and then select **Phone**.

Select on the screen or press on the steering wheel.

Using speed dial numbers

Speed dial numbers that are stored on the mobile phone can also be dialled using the keypad of the phone main menu.

Press and then select **Phone**.

Touch and hold the respective digit on the keypad to initiate the call.



Incoming phone call

Taking a call



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

A message with the caller's phone number or name (if available) is displayed.



To answer the call, select  in the message or press  on the steering wheel.

Rejecting a call

To reject the call, select  in the message or press  on the steering wheel.

Changing the ring tone

Press  and then select **Settings**.

Select **Bluetooth** and then **Ringtones** to display the respective menu. A list of all paired devices is displayed.

Select the desired device. A list of all ringtones available for this device is displayed.


Select one of the ringtones.


Functions during a call

During an ongoing phone call, the phone main menu is displayed.




Deactivating the hands-free mode temporarily

To continue the conversation via the mobile phone, activate .

To return to the hands-free mode, deactivate .

Deactivating the microphone temporarily

To mute the microphone, activate .

To reactivate the microphone, deactivate .

Ending a phone call

Select  to end the call.

Voice mail box

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

Voice mail number

Press  and then select **Settings**.

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


A list of all paired devices is displayed.

Select the respective phone. A keypad is displayed.

Enter the voice mail number for the respective phone.

Calling the voice mail box

Press  and then select **Phone**.

Select  on the screen. The mail box is called.

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

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

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

Recommendations for fault-free operation:

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

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

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

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

Warning

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

Caution

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

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Introduction

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General information

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

Using the radio tuner functions, you can register a large number of stations on different favourites pages.

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

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

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

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

If provided by your mobile phone, the system can also be operated via speech recognition.

Note

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

Important information on operation and traffic safety

Warning

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

Radio reception

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

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

Theft-deterrent feature




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

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

Control elements overview

R300 BT






1		70
	If switched off: short press: switch power on	
	If switched on: short press: mute system; long press: switch power off	
	Turn: adjust volume	
2	RADIO	
	Activate radio or change waveband	76
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8	Softkeys	
	Favourites: press: select favourites; press and hold: save radio stations as favourites	77
	Menu: press: select corresponding screen button	72
9	FAV	
	Press: display favourites bar	77

R300

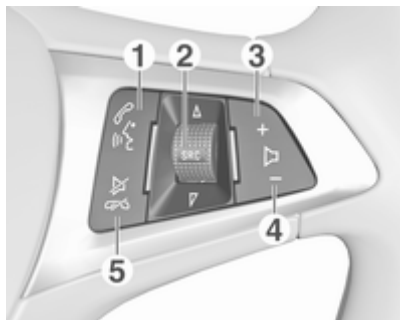


1		70
	If switched off: short press: switch power on	
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2	RADIO	
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	Menu: one level back	72
	Input: delete last character or entire entry	
		72
7	MENU	72
	Turn: mark screen buttons or menu items; set numeric values	
	Press: select/activate a marked screen button or menu item; confirm set value; switch to different setting option; open application-specific menu (if available)	
8	AUX input	
9	Softkeys	
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With radio active: turn upwards/downwards to select next/previous preset radio station 76

With Phone portal active and call list open: turn upwards/downwards to select next/previous entry in call list 88

- 3 +
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- 5
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or deactivate speech recognition 84
or activate/deactivate mute ... 70

Usage

Control elements

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

Inputs are made optionally via:

- the control panel on the Infotainment system ⇨ 66
- audio controls on the steering wheel ⇨ 66
- the speech recognition ⇨ 84

Switching the Infotainment system on or off

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

Press and hold again to switch the system off.

Automatic switch-off

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

Setting the volume

Turn \odot ; the current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided that the volume is lower than the maximum start-up volume \rightarrow 73.

Speed compensated volume

When Auto volume is activated \rightarrow 73, the volume is adapted automatically to make up for the road and wind noises as you drive.

Mute function

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

Modes of operation

Radio

Press **RADIO** to open the radio main menu or to toggle between the different wavebands.
For a detailed description of the radio functions \rightarrow 76.

External devices

Press **MEDIA** repeatedly to activate the playback mode for a connected external device.

For a detailed description on connecting and operating external devices \rightarrow 81.

Phone

Press **PHONE** to establish a Bluetooth connection between the Infotainment system and a mobile phone.

If a connection can be established, the main menu of the phone mode is displayed.

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

If no connection can be established, a corresponding menu is displayed.

For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone \rightarrow 86.

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Basic operation

Control panel

MENU knob

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

Turn:

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

Press:

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

Note

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

BACK button

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

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

Softkeys

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

Note

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

Tone settings

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

Press **MENU**, select **Settings** and then select **Tone Settings** to open the tone settings menu.

Setting bass, midrange, and treble

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

Adjust the setting and confirm.

Setting the volume distribution between front and rear

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

Adjust the setting and confirm.

Setting the volume distribution between right and left

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

Adjust the setting and confirm.

Selecting a tone style

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

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

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

Volume settings

Adjusting the speed compensated volume

Press **MENU** to open the respective audio menu.

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

Select **Auto Volume Control**.

The **Auto Volume** function can be deactivated or the degree of volume adaptation can be selected in the menu displayed.

Scroll through the list and select the desired option.

Adjusting the maximum startup volume

Press **MENU** to open the respective audio menu.

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

Select **Maximum Startup Volume**.

Set the desired value.

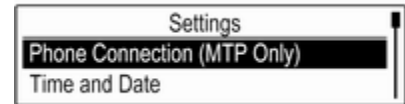
Volume of traffic announcements

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

The respective setting is stored by the system.

System settings

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



Time and date settings

Press **MENU** to open the respective audio menu.

Select **Time and Date**.

Set Time

Select **Set Time** to enter the respective submenu.

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

If **Off (Manual)** is selected, adjust hours and minutes.

Repeatedly select **12-24 HR** at the bottom of the screen to choose a time mode.

If the 12-hour mode is selected, a third column for AM and PM selection is displayed. Select the desired option.

Set Date

Select **Set Date** to enter the respective submenu.

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

If **Off (Manual)** is selected, adjust the date settings.

Language

Press **MENU** to open the respective audio menu.

Select **Settings**, scroll through the list and select **Vehicle Settings**.

Select **Languages**.

Scroll through the list and select the desired language.

Restore Factory Settings

Press **MENU** to open the respective audio menu.

Select **Settings**, scroll through the list and select **Vehicle Settings**.

Select **Restore Factory Settings** to enter the respective submenu.

Select the desired option and confirm the message.

Software Information

The **Software Information** menu contains specific information on the software.

Press **MENU** to open the respective audio menu.

Select **Settings**, scroll through the list and select **Vehicle Settings**.

Select **Software Information**.

Valet mode

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

Note

Vehicle-related messages remain enabled.

Locking the system

Press **MENU** to open the respective audio menu.

Select **Settings**, scroll through the list and select **Vehicle Settings**.

Select **Valet Mode**. A keypad is displayed.

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

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

Unlocking the system

Turn the Infotainment system on. A keypad is displayed.

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

Forgotten PIN code

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

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Usage



Activating the radio function

Press **RADIO**.

Selecting the waveband

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

Station search

Automatic station search

Press **◀** or **▶** to play the previous or next station.

Manual station search

Press and hold **◀** or **▶**. Release the button when the required frequency has almost been reached.

Manual tuning

Press **MENU** to open the waveband menu and then select **Manual Tuning**.

Depending on the waveband selected, a list of all frequencies is displayed.

Select the desired frequency.

Station lists

If the station list is updated, turn **MENU** to display a list of all stations currently receivable.

Scroll through the list and select the desired station.

Category lists

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

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

Note

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

FM waveband ⇨ 78.

DAB ⇨ 78.

Press **MENU** to display the respective waveband menu and select **Categories**.

A list of programme type categories currently available is displayed.

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

Select the desired station.

Updating the station lists

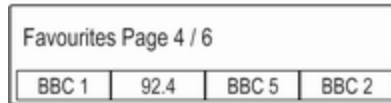
Press **MENU** to open the waveband menu and select **Update Station List**. The respective station list is updated.

Note

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

Favourite lists

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



24 individual favourite locations are available, displayed in four favourites per favourites page.

To display the favourites list, select **FAV**.

Storing a station

Set the station to be stored.

Select and hold the respective favourite screen button until a beeping sound is given out and the station name is displayed on the respective favourites screen button.

The station is stored as a favourite.

Retrieving a station

If necessary, repeatedly press **FAV** to scroll to the respective favourites page.

Select the desired favourite screen button. The respective radio station is played.

Note

The active favourite is highlighted.

Defining the number of favourites shown

Press **MENU**, scroll through the list and select **Set Number of Favourite Pages**.

Select the desired option.

Note

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

Radio data system

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

Advantages of RDS

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

RDS settings

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

RDS

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

Note

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

Traffic Programme

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

Activate or deactivate **Traffic Program (TP)**.

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

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

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

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

Region

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

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

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

If regionalisation is switched off, alternative frequencies of the stations are selected without regard to regional programmes.

Digital audio broadcasting

DAB broadcasts radio stations digitally.

Advantages of DAB

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

Linking and/or DAB to FM Linking in the DAB option menu (see below).

- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the FM stations with the best reception. If TP ⇄ 78 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

DAB settings

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

DAB Announcements

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

Select **DAB Announcements** to display the DAB categories list.

Select the desired categories. The selected categories are marked with ✓.

Note

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

DAB to DAB Linking

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

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

DAB to FM Linking

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

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

L Band

If **L Band** is activated, the Infotainment system receives an additional frequency range (1452 - 1492 MHz).

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

Intellitext

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

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

External devices

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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.

AUX input

It is possible to connect auxiliary devices to the AUX input.

When connected to the AUX input, the audio signal of the auxiliary device is transmitted via the speakers of the Infotainment system.

The volume and the tone settings can be adjusted via the Infotainment system. All other control functions must be operated via the auxiliary device.

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

Connecting/disconnecting a device

To connect the auxiliary device to the AUX input socket of the Infotainment system, use the following cable:

3-pole for audio source.

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

Caution

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

USB port

An MP3 player, USB drive or smartphone can be connected to the USB port.

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

Note

Not all auxiliary devices are supported by the Infotainment system.

The Infotainment system can play music files contained in USB storage devices.

Connecting/disconnecting a device

Connect the USB device to the USB port.

Note

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

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

Caution

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

MTP device settings

For devices connected via MTP, additional settings can be adjusted in the settings menu.

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

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

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

Bluetooth

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

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

Connecting/disconnecting a device

For a detailed description of the Bluetooth connection ↪ 86.

Bluetooth device list

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

For a detailed description of the Bluetooth device list ↪ 86.

File formats

Only devices formatted in the FAT16/32 file systems are supported.

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 playable MP3 and WMA files are the following:

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

MP3 files using VBR can be played.

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

Playing audio

Starting playback

Connect the device ↗ 81.

Repeatedly press **MEDIA** to activate the desired media source.

Example: USB source.



Note

The following operation functions are not available for AUX devices.

Function buttons

Skipping to previous or next file

Press **◀◀** or **▶▶** to play the previous or next track.

If **◀◀** is pressed within the first five seconds of the song playing, the system skips to the beginning of the current track.

Fast forwarding or rewinding

Press and hold **◀◀** or **▶▶** to rewind or fast forward.

Playback order

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

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

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

Browsing for a song

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

Note

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

Categories

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

Navigate through the browse structure and select the desired track.

Folders

To browse for a song, press **MENU** and then select **Folder View**. The folder structure on the respective device is displayed.

Navigate through the folder structure and select the desired track.

Speech recognition

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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 ↪ 81 or via Bluetooth ↪ 86.


Usage

Activating speech recognition


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

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

Adjusting the volume of voice prompts

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

Deactivating speech recognition

Press  on the steering wheel. The voice command message disappears, the speech recognition session is ended.

Phone

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General information

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

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

Important information for operation and traffic safety

Warning

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

Warning

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

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

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

Bluetooth

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

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

Bluetooth connection

Bluetooth is a radio standard for the wireless connection of e.g. mobile phones or other devices.

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

Via the Phone portal, pairing (PIN code exchange between Bluetooth device and Infotainment system) and

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

Pairing a device

Important information

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

Pairing the first device

1. Press **PHONE** and then select **Pair**.

A message is displayed on the Infotainment system indicating

the name and PIN code of the Infotainment system.

2. Start Bluetooth searching on the Bluetooth device to be paired.
3. Confirm pairing:
 - If SSP (secure simple pairing) is supported:
Compare the PIN code (if demanded) and confirm the messages on the Infotainment system and the Bluetooth device.
 - If SSP (secure simple pairing) is not supported:
Enter the Infotainment PIN code on the Bluetooth device and confirm your input.
4. The Infotainment system and the device are paired. The phone menu is displayed.
5. If available on the Bluetooth device, phone book and calls lists are downloaded to the Infotainment system. If required, confirm the respective message on your smartphone.

Note

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

Pairing another device

Press **PHONE**, scroll through the list and select **Bluetooth Devices**.

Press **Add** to start the pairing process of another device.

Proceed from step 2 of "Pairing the first device" (see above).

Connecting a paired device

Press **PHONE**, scroll through the list and select **Bluetooth Devices**.

Mark the desired device and select **Connect**.

If necessary, the device currently connected is disconnected. The selected device is connected.

Disconnecting a device

Press **PHONE**, scroll through the list and select **Bluetooth Devices**.

Mark the device currently connected and select **Disconnect**.

The device is disconnected.

Deleting a device

Press **PHONE**, scroll through the list and select **Bluetooth Devices**.

Mark the device you wish to delete from the device list and select **Delete**.

The device is deleted.

Emergency call**⚠ Warning**

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

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

⚠ Warning

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

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

Making an emergency call

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

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

Answer when the service personnel questions you about the emergency.

Warning

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

Operation

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

Note

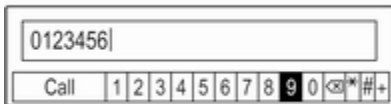
Not every mobile phone supports all functions of the Phone portal. Therefore, deviations from the range of functions described below are possible.

Initiating a phone call**Keypad**

Press **PHONE** to display the phone menu.



Scroll through the list and select **Keypad**. The keypad is displayed.



Turn **MENU** to highlight the digit you wish to enter and then press **MENU** to select the respective digit. Enter the desired number.

Select **☒** or press **BACK** to delete digits.

Select **Call** to initiate the phone call.

Contacts

Press **PHONE** to display the phone menu.

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

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

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

Calls lists

Press **PHONE** to display the phone menu.

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

Depending on which call you are searching for, select **Missed**, **Received** or **Sent**.

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

Incoming phone call**Taking a phone call**

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

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



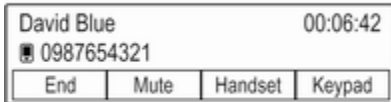
To answer the call, select **Answer**.

Rejecting a phone call

To reject the call, select **Ignore** in the message.

Functions during a phone call

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



Ending a phone call

Select **End** to end the call.

Deactivating the microphone

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

The screen button changes to **Unmute**.

To reactivate the microphone, select **Unmute**.

Deactivating the hands-free function

To continue the conversation on your mobile phone, select **Handset**.

The screen button changes to **Hands-free**.

To reactivate the hands-free function, select **Hands-free**.


Second incoming phone call

If a second phone call comes in, another message with the caller's name or number is displayed.

To answer the second call and place the first call on hold, select **Switch**.

To reject the call, select **Ignore** in the message.

Switching between the phone calls

Press **PHONE** or  on the steering wheel audio control to toggle between the two calls.

Information on the call currently active is shown on the display.

Ending the phone calls

The calls can be ended one at a time.

Select **End**. The call currently active is ended.

Text messages

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

Prerequisites

The following prerequisites must be met:

- The Bluetooth function of the respective phone must be activated (see the operating instructions for your device).
- Dependent on the phone, it may be required to set the device to "visible" (see the operating instructions for your device).

- The respective phone must be paired and connected to the Infotainment system. For a detailed description ⇨ 86.
- The respective phone must support Bluetooth Message Access Profile (BT MAP).

Viewing a message

Note

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

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



Select **View** to read the message.

Mobile phones and CB radio equipment

Installation instructions and operating guidelines

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

Recommendations for fault-free operation:

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

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

Use of a 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.

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Edition: January 2018, Opel Automobile GmbH, Rüsselsheim.

Printed on chlorine-free bleached paper.

ID-OKAIBSE1801-en

