

# OPEL ADAM

Infotainment Manual





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## R 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 favourites pages.

You can connect external data storage devices, e.g. iPod, USB devices, or other auxiliary devices to the Infotainment system as further audio sources; either via cable or via Bluetooth.

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

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

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

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

### Note

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

## Important information on operation and traffic safety

### Warning

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

## Radio reception

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

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

## Theft-deterrent feature

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


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




## Control elements overview


### Control panel



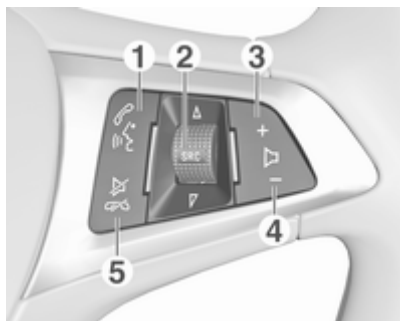


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## Usage


### 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 ↗ 13
- audio controls on the steering wheel ↗ 8
- the speech recognition ↗ 32


### Switching the Infotainment system on or off

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

### Automatic switch-off

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

### Setting the volume


Turn . The current setting is shown on the display.


When the Infotainment system is switched on, the last selected volume is set, provided that it is lower than the maximum start-up volume. For a detailed description ↗ 16.

### Speed compensated volume

When the speed compensated volume is activated ↗ 16, the volume is adapted automatically to make up for the road and wind noise as you drive.

### Mute

Press  to mute the Infotainment system.

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

### Volume limitation at high temperatures

At very high temperatures inside the vehicle, the Infotainment system limits the maximum adjustable volume. If necessary, the volume is decreased automatically.

### Modes of operation

Press  to display the Home menu.



### Note

For a detailed description of menu operation via touch screen ↗ 13.

### 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 ⇨ 19
- External devices (**USB**, **AUX**, **Bluetooth**) ⇨ 27

### Note

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

## GALLERY

Select **GALLERY** to open the picture and movie menu for files stored on an external device such as USB stick 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 ⇨ 28
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## PHONE

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

For a detailed description of preparing and establishing a Bluetooth connection between the Infotainment system and a mobile phone ⇨ 33.

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



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## PROJECTION

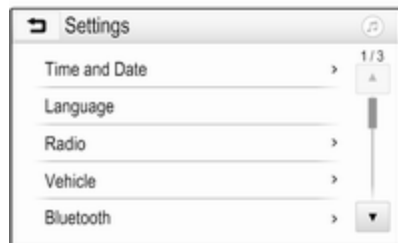
To show specific apps of your smartphone display on the Infotainment system, connect your smartphone.

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

Depending on the smartphone connected, a main menu with different selectable apps is displayed. For a detailed description ➞ 30.

## 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

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

### Caution

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

## ↶ screen button



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

When no ↶ screen button is displayed, you are on the top level of the respective menu. Press ⏏ to display the Home screen.

## Selecting or activating a screen button or menu item



Touch a screen button or menu item.

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

### Note

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

## Moving items on the home menu



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

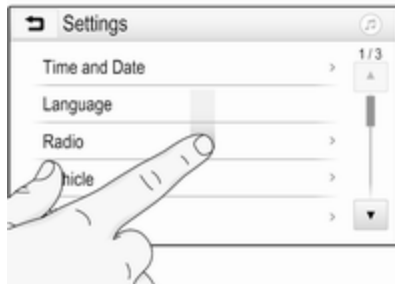
### Note

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

All other items are rearranged.

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

## Scrolling lists



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

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

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

### Note

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

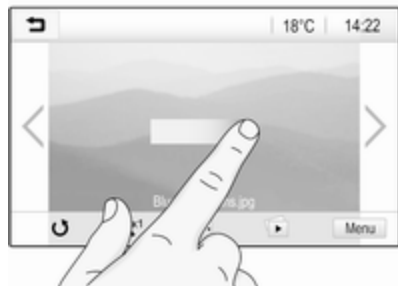
- Touch ▼ or ▲ at the top and at the bottom of the scroll bar.
- Move the slider of the scroll bar up and down with your finger.

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

### Note

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

## Scrolling pages



### Note

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

To scroll from one page to another:

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

### Note

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

- Touch > or < on the screen.

### Note

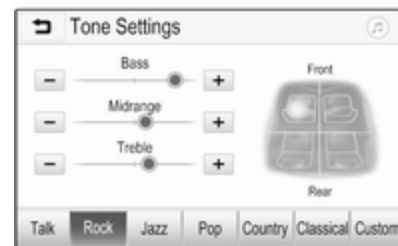
In subsequent chapters, the operating steps for scrolling pages via the touch screen will be described as "...scroll to...page...".

## Tone settings

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

To open the tone settings menu, select **Menu** in the bottom line of the respective audio main menu. If necessary, scroll through the list of

menu items and select **Tone Settings**. The respective menu is displayed.



## Equaliser mode

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

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

### Bass

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

Touch + or - to adjust the setting.

### Midrange

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

Touch + or - to adjust the setting.

### Treble

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

Touch + or - to adjust the setting.

### Setting balance and fader

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

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

### Note

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

## Volume settings

### Adjusting the maximum startup volume

Press  and then select **Settings**.

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

Touch + or - to adjust the setting.

### Adjusting the speed compensated volume

Press  and then select **Settings**.

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

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

**Off:** no enhancement of volume with increasing vehicle speed.

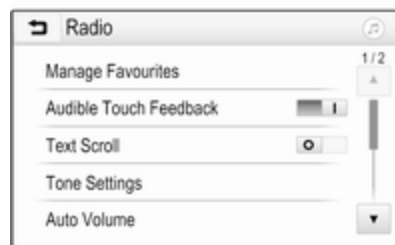
**High:** maximum enhancement of volume with increasing vehicle speed.

## Activating or deactivating the audible touch feedback function

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

Press  and then select **Settings**.

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



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



## Volume of traffic announcements

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

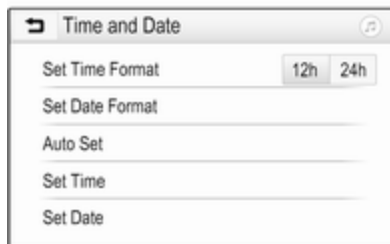
## System settings

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

### Time and date settings

Press  and then select **Settings**.

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



#### Set Time Format

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

#### Set Date Format

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

#### Auto Set

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

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

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

#### Set time and date

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

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

### Language settings

Press  and then select **Settings**.

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

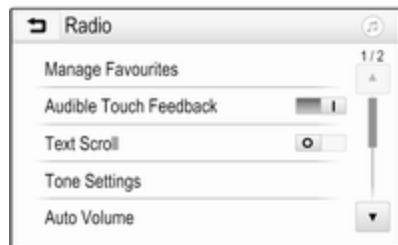
To adjust the language for the menu texts: touch the desired language.

### Text scroll function

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

Press  and then select **Settings**.

Select **Radio**.



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

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

### Factory defaults

Press  and then select **Settings**.

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

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

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

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

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

### System version

Press  and then select **Settings**.

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

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

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

For a system update, contact your workshop.

### Vehicle settings


**Vehicle settings** are described in the Owner's Manual.

# Radio

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## Usage

### Activating radio

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

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





Select the desired waveband.

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



## Station search

### Automatic station search



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

### Manual station search


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

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




**Note**

FM waveband: when the RDS function is activated, only RDS stations ⇨ 22 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations ⇨ 22 are searched for.

**Station tuning**

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



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

Confirm the input to play the station.

**Station lists**


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



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

Select the desired station.

**Note**

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

**Category lists**

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

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

**Note**

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

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

A list of programme types currently available is displayed.

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

Select the desired station.

**Note**

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

**Update station lists**

If the stations stored in a waveband-specific station list can no longer be received, select **Menu** in the bottom line of the active radio main menu and then select the respective menu item to update the station list, e.g. **Update Station List**.

**Note**

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

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

**Note**

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

**Favourite lists**

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



Five favourite lists are available, in each of which 5 stations may be stored.

**Note**

The currently received station is highlighted.

**Storing a station**

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

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

**Retrieving stations**

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

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

**Defining the number of available favourites pages**

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

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

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

## Radio data system (RDS)

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

### Advantages of RDS

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

### RDS configuration

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

Scroll to **RDS**.

Activate or deactivate **RDS**.

### Traffic Programme

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

#### Activating the traffic programme function

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

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

### Note

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

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

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

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

### Regionalisation

Sometimes RDS stations broadcast regionally different programmes on different frequencies.

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

Activate or deactivate **Region**.

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

## Digital audio broadcasting

DAB broadcasts radio stations digitally.

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

### General information

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

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

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

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

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

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

- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TP  $\diamond$  22 is activated, traffic announcements of the FM station with the best reception are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

### DAB Announcements

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

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

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

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

### DAB-DAB Linking

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

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

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

### DAB-FM Linking

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

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

### L Band

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

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

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

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

### Intellitext

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

#### Note

The content available depends on the station and region.

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

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

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

### EPG

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

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

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



## External devices

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### General information

An AUX and USB socket for the connection of external devices is located in the centre console.

Two USB ports for charging devices only are located in the rear of the centre console.

#### Note

The sockets must always be kept clean and dry.

### AUX input

It is possible to connect e.g. an iPod or another auxiliary device with a 3.5 mm jack plug 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.

### Connecting a device

To connect the auxiliary device to the AUX input socket of the Infotainment system, use a 3-pole connector for audio and a 4-pole connector for movie sources.

Connect the AUX device to the AUX port.

### USB port

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

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

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

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

**Note**

Not all MP3 players, USB drives, iPod models or smartphones 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 or iPod is connected, a corresponding error message appears and the Infotainment system automatically switches to the previous function.

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


**Caution**

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

**USB Auto Launch**

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

If desired, this function can be deactivated.

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

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


To reactivate the function, touch the screen button again.

**Bluetooth**

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

The Infotainment system can play music files contained in Bluetooth devices e.g. smartphones or iPod/iPhone products.

**Connecting a device**

For a detailed description on how to establish a Bluetooth connection  34.

**File formats and folders**

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

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

**Note**

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

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

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

### Audio files

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

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

### Picture files

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

BMP, PNG and GIF files must have 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 format 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 ↗ 25.

Usually, the respective audio main menu is displayed automatically.

If playback is not started automatically e.g. if **USB Auto Launch** is deactivated ↗ 25, 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

#### Note

During AUX playback, the function buttons are not available.

### Interrupting and resuming playback

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

Touch **▶** to resume playback.

### Playing the next or previous track

Touch ►► to play the next track.

Touch ◄◄ within the first 2 seconds of the track playing to return to the previous track.

### Returning to the beginning of the current track

Touch ◄◄ after 2 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.

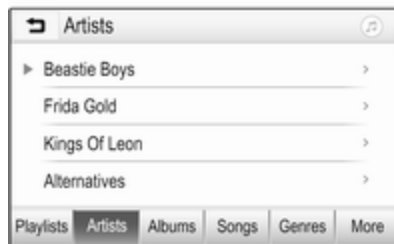
### Browse Music function

#### Note

The browse function is not available for AUX sources and, depending on the device, it may only be partially available for Bluetooth sources.

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

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



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

Select the track to start playback.

### Displaying pictures

You can view pictures from a USB device.

#### Note

For your safety, some features are disabled while your vehicle is in motion.

### Activating the picture function

If the device is not yet connected to the Infotainment system, connect the device 25.


Press 25 and then select **GALLERY** to open the media main menu.

Touch 25 to open the picture main menu to display a list of items stored on the USB device. Select the desired picture.





## Function buttons

### Full screen mode

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

### Viewing the next or previous picture


Touch  or swipe to the left to view the next picture

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


### Rotating a picture

Select  to rotate the picture.

### Zoom in on a picture

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

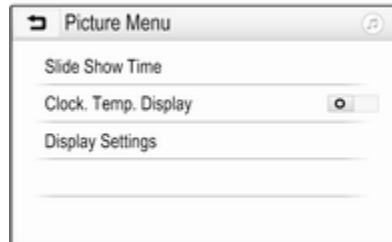
### Viewing a slide show

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

Touch the screen to end the slide show.

### Picture menu

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



### Slide show time

Select **Slide Show Time** to display a list of possible time sequences. Activate the desired time sequence in which each picture is supposed to be displayed in a slide show.

### Clock and temperature display

If you want the time and temperature to be displayed in full screen mode, activate **Clock. Temp. Display**.

### Display settings

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

Touch + or - to adjust the settings.


## Playing movies


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


### Note

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

### Activating the movie function

If the device is not yet connected to the Infotainment system, connect the device  25.

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


Touch  to open the movie main menu and then select the desired folder and/or movie.

The movie is shown.





## Function buttons

### Full screen

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


### Interrupting and resuming playback

Touch  to interrupt playback. The screen button changes to .


Touch  to resume playback.

### Playing the next or previous track



Touch  to play the next movie file.

Touch  within the first 5 seconds of the movie playing to return to the previous movie file.

### Returning to the beginning of the current movie

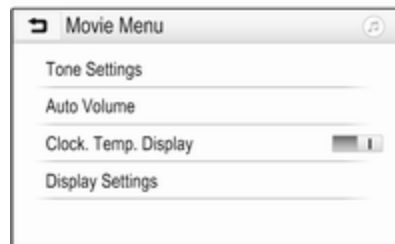
Touch  after 5 seconds of the movie playing.

### 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

If you want the time and temperature to be displayed in full screen mode, activate **Clock. Temp. Display**.

### Display settings

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

Touch + and - to adjust the settings.

## Using smartphone applications

The phone projection applications Apple CarPlay and Android Auto display selected apps from your

smartphone on the Infotainment screen and allow their operation directly via the Infotainment controls. Check with the device's manufacturer if this function is compatible with your smartphone and if this application is available in the country you live 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  25.

### Starting phone projection

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

#### Note

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

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

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

### Returning to the Infotainment screen

Press .

# Speech recognition

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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 user guide 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 ⇨ 25 or via Bluetooth ⇨ 34.


## Usage

### Activating speech recognition


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

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

### Adjusting the volume of voice prompts

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

### Deactivating speech recognition

Press  on the steering wheel. The voice command message disappears, 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 can find further information on this in the operating instructions for your mobile phone, or you can enquire about them with your network provider.

## Important information for operation and traffic safety

### Warning

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

### Warning

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

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

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

## Bluetooth

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

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

## Bluetooth connection

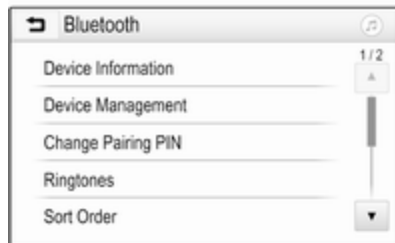
Bluetooth is a radio standard for the wireless connection of e.g. mobile phones, smartphones, iPod/iPhone models, or other devices.

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

## Bluetooth menu

Press  and then select **SETTINGS**.

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



## Pairing a device


### Important information

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

been connected previously, the Infotainment system establishes the connection automatically.

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

## Pairing a new device

1. Activate the Bluetooth function of the Bluetooth device. For further information, see the user guide of the Bluetooth device.
2. Press  and then select **SETTINGS** on the Info-Display. Select **Bluetooth** and then **Device Management** to display the respective menu.



### Note

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

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

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

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

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

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

6. The Infotainment system and the device are paired.

### Note

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

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

messages displayed on the Bluetooth device.

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

### Changing the Bluetooth PIN code

Press and then select **SETTINGS**.

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

Enter the desired four-digit PIN code.

To delete an entered number, select .

Confirm your input by selecting **Enter**.

### Connecting a paired device

Press and then select **SETTINGS**.

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

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

### Note

The connected device and the available options are highlighted.

### Disconnecting a device

Press  and then select **SETTINGS**.

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

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

Select **Yes** to disconnect the device.

### Deleting a device

Press  and then select **SETTINGS**.

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

Select **DEL** next to the Bluetooth device. You are prompted with a message.

Select **Yes** to delete the device.

### Device info

Press  and then select **SETTINGS**.

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

The information displayed includes **Device Name**, **Address**, and **PIN Code**.

### Emergency call

#### Warning

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

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

#### Warning

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

phone networks; it is possible that they cannot be made when certain network services and/or telephone functions are active. You can enquire about this with the local network operators.

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

### Making an emergency call

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

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

Answer when the service personnel questions you about the emergency.

#### Warning

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

## Operation

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

### Note


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

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

### Note


Not every mobile phone supports all functions of the Phone portal. Therefore deviations from the range of functions described with these specific mobile phones 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  34.


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  34.

Press  and then select **PHONE**.

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



### Quick search

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

### Search menu

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

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



The letters are organised in alphabetical groups on the screen buttons: **abc, def, ghi, jkl, mno, pqr, stu, and vwx.**

Use to delete an entered group of letters.

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

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

All contacts containing one of the letters on this button, in the


example 'g', 'h', and 'i', are displayed.

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



### Contacts settings

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

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

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




### Using the call history

All incoming, outgoing, or missed calls are registered.

Press  and then select **PHONE**.

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





Select  for outgoing calls,  for 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  on the steering wheel to open the phone menu. Press  again to redial the last number called.

### Using speed dial numbers

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

Press  and then select **PHONE**.

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



### Incoming phone call

#### Taking a call



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

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




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

### Rejecting a call

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

### Changing the ring tone

Press  and then select **SETTINGS**.

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

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


Select one of the ringtones.


### Functions during a call

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




### Deactivating the handsfree mode temporarily

To continue the conversation via the mobile phone, activate .

To return to the handsfree mode, deactivate .

### Deactivating the microphone temporarily

To mute the microphone, activate .

To reactivate the microphone, deactivate .

### Ending a phone call

Select  to end the call.

### Voice mail box

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

### Voice mail number

Press  and then select **SETTINGS**.

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


A list of all devices paired is displayed.

Select the respective phone. A keypad is displayed.

Enter the voice mail number for the respective phone.

### Calling the voice mail box

Press  and then select **PHONE**.

Select  on the screen. The mail box is called.

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



## Mobile phones and CB radio equipment

### Installation instructions and operating guidelines

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

Recommendations for fault-free operation:

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

Seek advice on predetermined installation points for the external antenna or equipment holder and

ways of using devices with a transmission power exceeding 10 watts.

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

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

### Warning

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

### Caution

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

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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 may register up to 36 stations on six favourites pages.

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

You can connect external data storage devices, e.g. iPod, MP3 player, USB stick, or a portable CD player to the Infotainment system as further audio sources; either via cable or via Bluetooth.

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

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

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

## Note

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

## Important information on operation and traffic safety

### Warning

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

## Radio reception

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

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

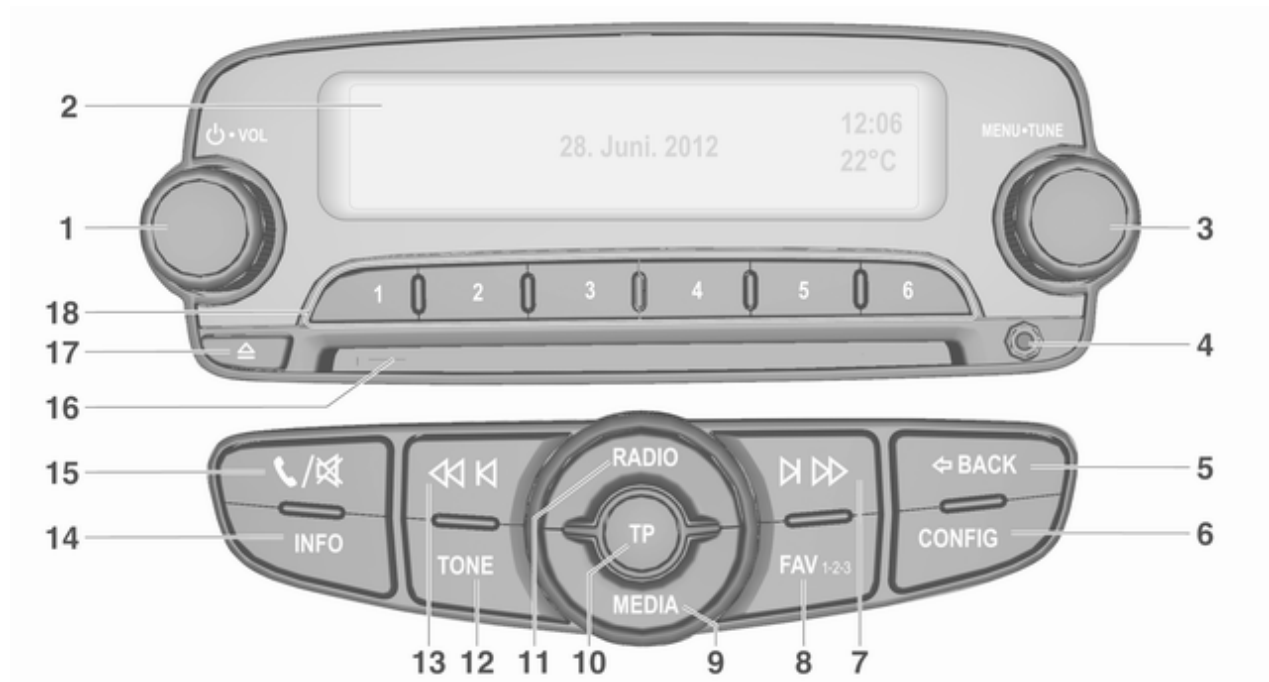
## Theft-deterrent feature

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

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

## Control elements overview

### Control panel CD 3.0 BT



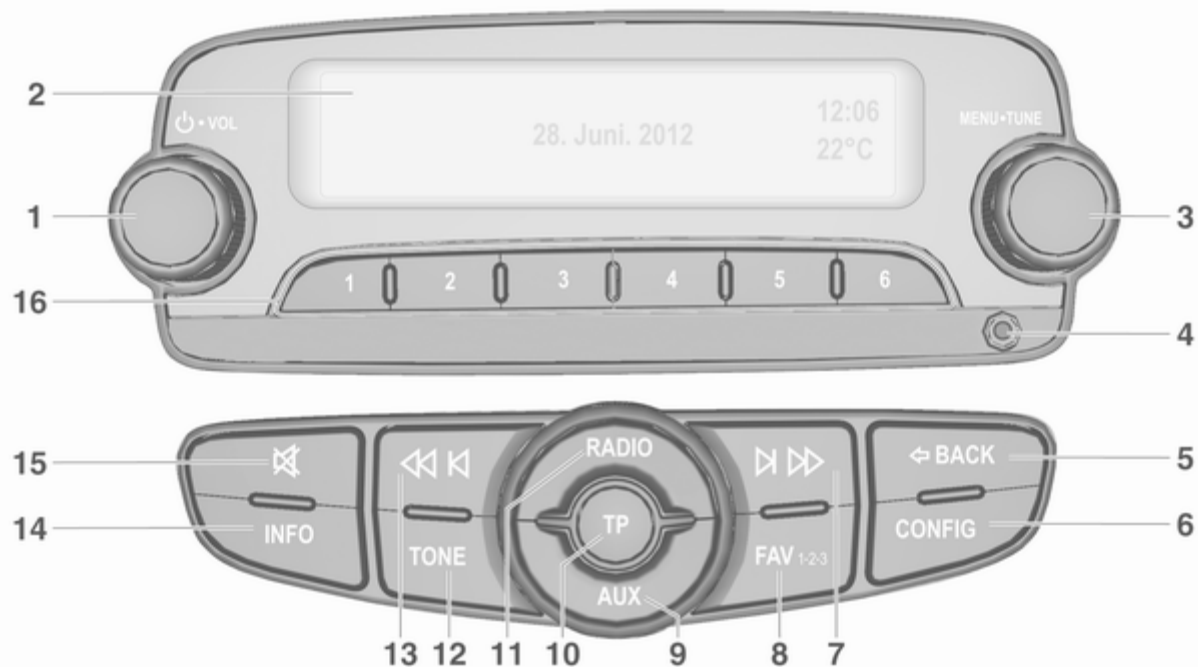


<b>1</b>	<b>⏻ VOL</b>	
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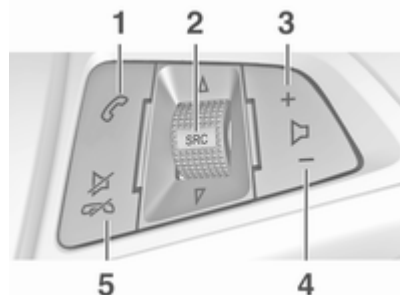
# Control panel R 3.0



<b>1</b>	<b>⏻ VOL</b>	
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<b>7</b>	<b>⏮ ⏭</b>	
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<b>11</b>	<b>RADIO</b>	
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or dial number in call list ..... 78  
Long press: open call list ..... 78  
or switch handsfree mode  
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- 2** **SRC (Source)** ..... 52  
Press: select audio source .... 52

With radio active: turn upwards/downwards to select next/previous preset radio station ..... 58

With CD player active: turn upwards/downwards to select next/previous CD/MP3/WMA track ..... 67

With Phone portal active and call list open (see item 1): turn upwards/downwards to select next/previous entry in call list ..... 78

With Phone portal active and calls waiting: turn upwards/downwards to switch between calls ..... 78

3 +

Increase volume

4 -

Reduce volume

5 

Press: end/decline call ..... 78

or close call list ..... 78

or activate/deactivate mute function ..... 52

## Usage


### Control elements


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

Inputs are made via the control panel on the Infotainment system ⇨ 48


Optionally they are made via the audio controls on the steering wheel ⇨ 48.

### Switching the Infotainment system on or off

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

Press  **VOL** again to turn the system off.

### Automatic switch-off

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

## Setting the volume

Turn **VOL**. The current setting is shown on the display.

When the Infotainment system is switched on, the last selected volume is set, provided this setting is lower than the maximum startup volume (see below).

The following inputs can be made separately:

- the maximum startup volume ↗ 57
- the volume of traffic announcements ↗ 57

## Speed compensated volume

When speed compensated volume is activated ↗ 57, the volume is adapted automatically to make up for the road and wind noises as you drive.

## Mute function

Press **MUTE** or **MUTE** (if Phone portal is available: press for a few seconds) to mute the audio sources.

To cancel the mute function: turn **VOL** or press **MUTE** / **MUTE** (if Phone portal is available: press for a few seconds) or press **MUTE** again.

## Volume limitation at high temperatures

At very high temperatures inside the vehicle the Infotainment system limits the maximum adjustable volume. If necessary, the volume is decreased automatically.

## Modes of operation

### Radio

Press **RADIO** to open the radio main menu or to change between the different wavebands.

Press **MENU-TUNE** to open the waveband menus with options for the station selection.

For a detailed description of the radio functions ↗ 58.

### Audio players

#### R 3.0

Press **AUX** to activate the AUX mode.

#### CD 3.0 BT

Press **MEDIA** once or several times to open the CD, USB, iPod or AUX main menu or to switch between these menus.

Press **MENU-TUNE** to open the relevant menus with options for the track selection.

For a detailed description of CD player functions ↗ 66, AUX functions ↗ 69, USB port functions ↗ 70 and Bluetooth music functions ↗ 73.

### Phone

Press **PHONE** / **PHONE** briefly to open the telephone menu.

Press **MENU-TUNE** to open the phone menu with options for the input and selection of numbers.

For a detailed description of the Phone portal ↗ 75.

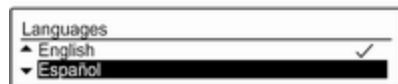
## System settings

### Adjusting the language

The menu texts on the Infotainment system's display can be displayed in various languages.

Press **CONFIG** to open the **Settings** menu.

Select the **Languages** menu item in the **Settings** menu to display the respective menu.



Choose the desired language for the menu texts.

### Note

For a detailed description of menu operation ⇨ 54.

### Time and date settings

Find a detailed description in your Owner's Manual.

### Vehicle settings

Find a detailed description in your Owner's Manual.

### Other settings

Find a detailed description for all other settings in the relevant chapters.

### Restore factory settings

All settings, e.g. the volume and tone settings, the favourite lists, or the Bluetooth device list, can be reset to the factory defaults.

Press **CONFIG** to open the **Settings** menu. Select **Vehicle settings** and then **Restore factory settings**.

The submenu prompts you with a question. To reset all values to the factory defaults, select **Yes**.

## Basic operation

### MENU-TUNE knob

The **MENU-TUNE** knob is the central control element for the menus.

Turn **MENU-TUNE**:

- to mark a menu option
- to set a numeric value

Press **MENU-TUNE**:

- to select or activate the marked option
- to confirm a set value
- to switch a system function on/off

### ⇨ BACK button

Press the ⇨ **BACK** button briefly:

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

Press and hold ⇨ **BACK** for a few seconds to delete the entire entry.

## Examples of menu operation

### Selecting an option



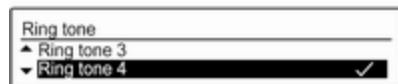
Turn **MENU-TUNE** to move the cursor (= coloured background) to the desired option.

Press **MENU-TUNE** to select the marked option.

## Submenus

An arrow on the right-hand edge of the menu indicates that after selection of the option a submenu with further options will be opened.

## Activating a setting



Turn **MENU-TUNE** to mark the desired setting.

Press **MENU-TUNE** to activate the setting.

## Setting a value

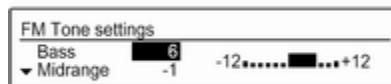


Turn **MENU-TUNE** to change the current value of the setting.

Press **MENU-TUNE** to confirm the set value.

The cursor then switches to the next value. If all values are set, you are automatically returned to the next higher menu level.

## Adjusting a setting



Turn **MENU-TUNE** to adjust the setting.

Press **MENU-TUNE** to confirm the setting.

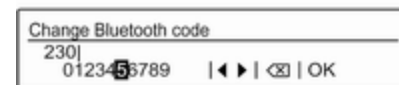
## Switching a function on or off



Turn **MENU-TUNE** to mark the function to be switched on or off.

Press **MENU-TUNE** to switch between the settings **On** and **Off**.




## Entering a character sequence





To enter character sequences, e.g. PIN codes or telephone numbers:

Turn **MENU-TUNE** to mark the desired character.

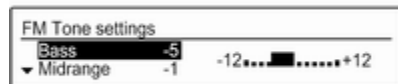
Press **MENU-TUNE** to confirm the marked character.

The last character in the character sequence can be deleted by selecting  on the display or pressing  **BACK**. Pressing and holding  **BACK** deletes the entire entry.

To change the position of the cursor in the character sequence already entered, select  or  on the display.

## Tone settings

In the tone settings menu the tone characteristics can be set differently for each radio waveband and each audio player source.



Press **TONE** to open the tone settings menu.

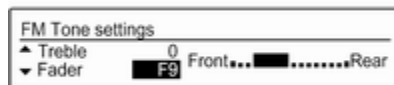
### Setting bass, midrange, and treble



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

Set the desired value for the selected option.

### Setting the volume distribution between front and rear



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

Set the desired value.

### Setting the volume distribution between right and left



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

Set the desired value.

### Selecting a tone style

Scroll through the list and select **EQ** (Equaliser). The **EQ presets** menu is displayed.



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

Select the desired option.

### Setting an individual setting to "0"

Select the desired option and press **MENU-TUNE** for a few seconds.

The value is reset to "0".

### Setting all settings to "0" or "OFF"

Press **TONE** for a few seconds.

All values are reset to "0", the EQ preset is set to "OFF".



## Volume settings

### Adjusting the speed compensated volume

Press **CONFIG** to open the **Settings** menu.

Select **Radio settings** and then **Auto volume control**.



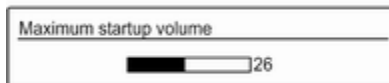
The **Auto volume control** function can be deactivated or the degree of the volume adaptation can be selected in the menu displayed.

Select the desired option.

### Adjusting the maximum startup volume

Press **CONFIG** to open the **Settings** menu.

Select **Radio settings** and then **Maximum startup volume**.



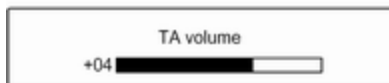
Set the desired value.

### Adjusting the volume of traffic announcements

The volume of traffic announcements can be preset to increase or decrease in proportion to the normal audio volume.

Press **CONFIG** to open the **Settings** menu.

Select **Radio settings**, **RDS options** and then **TA volume**.



Set the desired value.

### Adjusting the volume of the ring tone

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings**, **Sound & Signals** and then **Ring Volume**.

Set the desired value.

# Radio

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## Usage

### Activating the radio

Press **RADIO** to open the radio main menu.



The station last played will be received.

### Selecting the waveband

Press **RADIO** once or several times to select the desired waveband.

The station last played in that waveband will be received.

## Station search

### Automatic station search

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

## Manual station search

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

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

### Note

Manual station search: If the radio does not find a station, it switches automatically to a more sensitive search level. If it still does not find a station, the frequency that was last active is set again.

### Note

FM waveband: when the RDS function is activated, only RDS stations ↗ 62 are searched for, and when the radio traffic service (TP) is activated, only traffic service stations ↗ 62 are searched for.

## Manual station tuning

In the radio main menu, press **MENU-TUNE** to open the respective waveband menu and select manual tuning.

On the pop-up frequency display, turn **MENU-TUNE** and set the optimal reception frequency.

## Autostore lists

The stations received best in a waveband can be searched for and stored automatically via the autostore function.

Each waveband has 2 autostore lists (**AS-Stations 1**, **AS-Stations 2**), in each of which 6 stations can be stored.



### Note

The currently received station is marked by 📻.

## Automatic station storing

Press and hold **FAV 1-2-3** pressed until an autostore message is displayed. The 12 strongest stations in the current waveband will be stored in the 2 autostore lists.

To cancel the autostore procedure, press **MENU-TUNE**.

## Storing stations manually

Stations can also be stored manually in the autostore lists.

Set the station to be stored.

Briefly press **FAV 1-2-3** once or several times to switch to the desired list.

To store the station in a list position: press the corresponding station button **1...6** until a confirmation message is displayed.

### Note

Manually stored stations are overwritten in an automatic station storing process.

### Note

To operate this function, the **AS-Stations** function must be activated (see below).

## Retrieving a station

Briefly press **FAV 1-2-3** once or several times to switch to the desired list.

Briefly press one of the station buttons **1...6** to open the station at the corresponding list position.

### Note

To operate this function, the **AS-Stations** function must be activated (see below).

## Activating the autostore stations function

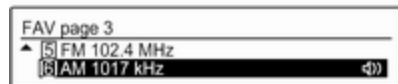
Press **CONFIG** to open the **Settings** menu.

Select **Radio settings** and then **AS-Stations** to open the respective menu.

Set the autostore stations for the respective waveband to **On**.


## Favourite lists

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



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

### Note

The currently received station is marked by .

## Storing a station

Set the station to be stored.

Briefly press **FAV 1-2-3** once or several times to switch to the desired list.

To store the station in a list position: press the corresponding station button **1...6** until a confirmation message is displayed.

## Retrieving a station

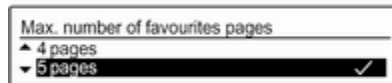
Briefly press **FAV 1-2-3** once or several times to switch to the desired list.

Briefly press one of the station buttons **1...6** to open the station at the corresponding list position.

## Defining the number of available favourite lists

Press **CONFIG** to open the **Settings** menu.

Select **Radio settings** and then **Radio favourites** to open the menu **Max. number of favourites pages**.



Select the desired number of available favourite lists.

## Waveband menus

Alternative facilities for station selection are available via waveband specific menus.

### Note

The following displays are shown as examples.

## Stations lists

When in a radio main menu, turn **MENU-TUNE** to open the stations list of the respective waveband.

The receivable radio stations in the current reception area are displayed.




### Note

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

Select the desired station.

**Note**

The currently received station is marked by .

**Updating the stations lists**

When in a radio main menu, press **MENU-TUNE** to open the relevant waveband menu.

If the stations stored in the waveband-specific station list can no longer be received:

Select the respective menu item to update the station list in the respective waveband menu, e.g.

**Update FM station list.**

A station search is started. Once the search is completed, the station last received will be played.

To cancel the station search: press **MENU-TUNE**.

**Note**

If the Infotainment system features a dual tuner, the stations lists are continuously updated in the background. No manual update is required.

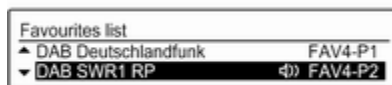
**Note**

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

**Favourites list**


While in a radio main menu, press **MENU-TUNE** to open the relevant waveband menu.

Select **Favourites list**. All stations saved in the favourite lists are displayed.



Select the desired station.

**Note**

The currently received station is marked by .

**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 currently being transmitted.

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

To search for a programme type determined by station: select the waveband specific category list option.

A list of programme types currently available is displayed.



Select the desired programme type.


A list of stations is displayed that transmit a programme of the selected type.



Select the desired station.

The category list is updated, too, when the corresponding waveband specific station list is updated.

#### Note

The currently received station is marked by .

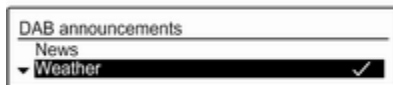
## DAB announcements

Besides their music programmes, numerous DAB stations ⇨ 64 broadcast various announcement categories.

The currently received DAB service (programme) is interrupted when any announcement of previously activated categories is pending.

### Activating announcement categories

When in the **DAB menu**, select **DAB announcements** to display the respective menu.



Activate the desired announcement categories.

Several announcement categories can be selected at the same time.

#### Note

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

## Radio data system (RDS)

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

### Advantages of RDS

- On the display, the programme name of the set station appears instead of its frequency.
- During 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 about the current programme.

## Configuring RDS

Press **CONFIG** to open the **Settings** menu.

Select **Radio settings** and then **RDS options**.



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

**Note**

If RDS is switched off, it will be automatically switched on again when a radio station is changed (via search function or preset button).

**Note**

The following options are only available if **RDS** is set to **On**.

**RDS options****Switching regionalisation on and off**

At certain times, some RDS stations broadcast regionally different programmes on different frequencies.

Set the option **Regional** to **On** or **Off**.

If regionalisation is switched on, only alternative frequencies (AF) with the same regional programmes are selected.

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

**RDS scrolling text**

Some RDS stations hide the programme name in the display line in order to display additional information.

To prevent additional information being displayed:

Set **Text scroll freeze** to **On**.

**TA volume**

The volume of traffic announcements (TA) can be preset. For a detailed description ↗ 57.

**Radio traffic service**

(TP = Traffic Programme)

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

**Switching the radio traffic service on and off**

To switch the traffic announcement standby facility of the Infotainment system on and off:

Press the **TP** button.

- If the radio traffic service is switched on, **[ ]** is displayed in the radio main menu.
- Only radio traffic service stations are received.
- If the current station is not a radio traffic service station, a search is started automatically for the next radio traffic service station.
- If a radio traffic service station has been found, **[TP]** is displayed in the radio main menu.
- Traffic announcements are played at the preset TA volume ↗ 57.
- If the radio traffic service is switched on, CD/MP3 playback is interrupted for the duration of the traffic announcement.

**Listening to traffic announcements only**

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

**Blocking out traffic announcements**

To block out a traffic announcement, e.g. during CD/MP3 playback:

Press the **TP** button or the **MENU-TUNE** knob to confirm the cancelling message on the display.

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

## Digital audio broadcasting

Digital audio broadcasting (DAB) is an innovative and universal broadcast system.

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



## General information

- With DAB, several radio programmes (services) can be broadcasted on a single 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.
- There is no fading (weakening of the sound that is typical of AM or FM reception). The DAB signal is reproduced at a constant volume.
- 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 **Auto ensemble linking** and/or **Auto linking DAB-FM** in the DAB settings menu.
- Interference caused by stations that are on nearby frequencies (a phenomenon that is typical of AM and FM reception) does not occur with DAB.
- If the DAB signal is reflected by natural obstacles or buildings, the reception quality of DAB is improved, whereas AM or FM reception is considerably impaired in such cases.
- When DAB reception is enabled, the FM tuner of the Infotainment system remains active in the background and continually searches for the best receivable FM stations. If TP ↻ 62 is activated, traffic announcements of the FM station with the strongest signal are issued. Deactivate TP if DAB reception should not be interrupted by FM traffic announcements.

## Configuring DAB

Press **CONFIG**.

Select **Radio settings** and then **DAB settings**.





The following options are available in the configuration menu:

### **Auto ensemble linking**

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

Set the function to **On** or **Off**.

### **Auto linking DAB-FM**

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

Set the function to **On** or **Off**.

### **Dynamic audio adaption**

With this function activated, the dynamic range of the DAB signal is reduced. That means the level of the loud sounds is reduced and the level of the quiet sounds is increased.

Therefore, the volume of the Infotainment system can be raised to a point where the quiet sounds are audible, without the loud sounds being too loud.

Set the function to **On** or **Off**.

### **Band selection**

Select the menu item **Band selection** to display the respective menu.

To define which DAB wavebands are to be received by the Infotainment system, activate one of the options:

**L-Band:** 1452 - 1492 MHz, earth and satellite radio

**Band III:** 174 - 240 MHz, earth radio

**Both**

# CD Player

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## General information

The Infotainment system's CD player can play audio CDs and MP3/WMA CDs.

## Important information

### Caution

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

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

- The following CD formats can be used:  
CD-ROM Mode 1 and Mode 2.  
CD-ROM XA Mode 2, Form 1 and Form 2.
- The following file formats can be used:  
ISO 9660 Level 1, Level 2,  
Romeo, Joliet.

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

- Audio CDs with copy protection, which are not in compliance with the audio CD standard, may not play correctly or not at all.
- Self-recorded CD-Rs and CD-RWs are more vulnerable to mishandling than prerecorded CDs. Correct handling, especially in the case of self-recorded CD-Rs and CD-RWs, must be ensured (see below).
- Self-recorded CD-Rs and CD-RWs may not play correctly or not at all. In such cases it is not the equipment that is at fault.
- On mixed mode CDs (audio tracks and compressed files, e.g. MP3), the audio tracks part and the compressed files part can be played separately.
- Avoid leaving fingerprints when you change CDs.

- Put CDs back in their sleeves immediately after removing them from the CD player in order to protect them from damage and dirt.
- Dirt and liquids on CDs can smear the lens of the CD player inside the device and cause faults.
- Protect CDs from heat and direct sunlight.
- The following restrictions apply to MP3/WMA CDs:

Bit rate: 8 kbit/s - 320 kbit/s

Sampling frequency: 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1) and 24 kHz, 22.05 kHz, 16kHz (for MPEG-2)

- The following restrictions apply to the data stored on an MP3/WMA CD:

Number of tracks: max. 999

Number of tracks per folder level: max. 512

Folder structure depth: max. 10 levels

### Note

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

## Usage

### Starting CD playback

Press **MEDIA** once or several times to open the CD or MP3 main menu.



If there is a CD in the CD player, CD playback is started.

Depending on the data stored on the audio CD or MP3 CD, differing information about the CD and the current music track will be shown on the display.

### Inserting a CD

Insert a CD with the printed side facing up into the CD slot until it is drawn in.

### Note

If a CD is inserted, ● is shown on the display.

### Skipping to the next or previous track

Briefly press ◀◀ ⏮ or ⏭ ▶▶.

### Fast forward or rewind

Press and hold ◀◀ ⏮ or ⏭ ▶▶ them down to fast forward or rewind the current track.

### Selecting tracks using the audio CD menu


Press **MENU-TUNE** to open the CD menu.



**Shuffle songs**

To play all tracks in a random order: set this function to **On**.


**Note**

If this function is activated,  is shown in the respective main menu.

**Repeat**

To repeatedly listen to a track: set this function to **On**.

**Note**

If this function is activated,  is shown in the respective main menu.

**Track list**

To select a track on the CD: select **Track list** and then select the desired track.

**Folders**

To select a track from a folder: select **Folders**. A list of the folders stored on the CD is displayed.

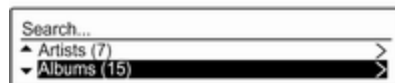
Select one of the folders and then select the desired track.

**Note**

This menu item is only available if an MP3 CD is inserted.

**Search...**

To open a menu for track search and selection: select **Search....**



Select one of the categories and then select the desired track.

**Note**

This menu item is only available, if an MP3 CD is inserted.

**Removing a CD**

Press .

The CD is pushed out of the CD slot.

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

# AUX input

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Usage .....	69

## General information

On the control panel of the Infotainment system ↗ 48, there is an AUX input for the connection of external audio sources.

It is possible, for example, to connect a portable CD player with a 3.5 mm jack plug to the AUX input.

### Note

The socket must always be kept clean and dry.

## Usage

### CD 3.0 BT

Press **MEDIA** once or several times to activate the AUX mode.

### R 3.0

Press **AUX** to activate the AUX mode.



Turn **VOL** of the Infotainment system to adjust the volume.

All other functions can be operated only via the control elements of the audio source.

# USB port

General information .....	70
Playing saved audio files .....	71

## General information

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

### Note

The socket must always be kept clean and dry.

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

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

### Note

Not all MP3 player, USB drive, SD card or iPod models are supported by the Infotainment system.

## Important information

- The external devices connected to the USB port must comply with the USB Mass Storage Class specification (USB MSC).

- Devices connected via USB are supported according to USB Specification V 2.0. Maximum supported speed: 12 Mbit/s.
- Only devices with a FAT16/FAT32 file system are supported.
- Hard disk drives (HDD) are not supported.
- USB hubs are not supported.
- The following file formats can be used:  
ISO9660 Level 1, Level 2, Romeo, Joliet  
MP3 and WMA files written in another format than listed above may not play correctly, and their file names and folder names may not be displayed correctly.
- The following restrictions apply to the files stored on the external device:  
Bit rate: 8 kbit/s - 320 kbit/s  
Sampling frequency: 48 kHz, 44.1 kHz, 32 kHz (for MPEG-1)

and 24 kHz, 22.05 kHz, 16kHz  
(for MPEG-2)

- The following restrictions apply to the data stored on external devices connected to the USB port:

Number of tracks: max. 999

Number of tracks per folder level:  
max. 512

Folder structure depth: max.  
10 levels

WMA files with Digital Rights  
Management (DRM) from online  
music shops cannot be played.

WMA files can only be played  
safely, if they were created with  
Windows Media Player  
version 9 or later.

Applicable playlist  
extensions: .m3u, .pls, .wpl

Playlist entries must be in the  
form of relative paths.

The system attribute for folders/  
files that contain audio data must  
not be set.

## Playing saved audio files

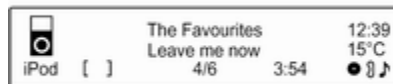
Press **MEDIA** once or several times to  
activate the MP3 or iPod mode.

Playback of the audio data stored on  
the device is started automatically.

### MP3:

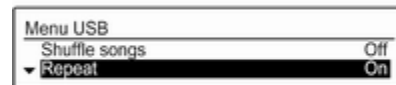


### iPod:



## Using the device-specific menu

Press **MENU-TUNE** to open the  
menu of the device currently  
connected.



### Shuffle songs

To play all tracks in a random order:  
set this function to **On**.

#### Note

If this function is activated, is  
shown in the respective main menu.

### Repeat

To repeatedly listen to a track: set this  
function to **On**.

#### Note

If this function is activated, is  
shown in the respective main menu.

### Folders

To select a track from a folder: select  
**Folders**. A list of the folders stored on  
the device is displayed.

Select one of the folders and then  
select the desired track.

**Note**

This menu item is not available if an iPod is connected.

**Search...**

To open a menu for track search and selection: select **Search....**

Select one of the categories and then select the desired track.

**Removing the device**

To safely remove the device, select **Remove USB** or **Eject iPod** and then disconnect the device.



# Bluetooth music

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Operation .....	73

## General information

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

## Important information

- The Infotainment system only connects to Bluetooth devices that support A2DP (Advanced Audio Distribution Profile) version 1.2 or higher.
- The Bluetooth device must support AVRCP (Audio Video Remote Control Profile) version 1.0 or higher. If the device does not support AVRCP, only the volume can be controlled via the Infotainment system.
- Before connecting the Bluetooth device to the Infotainment system, become acquainted with the device's operating instructions for Bluetooth functions.

## Operation

### Prerequisites

The following prerequisites must be met in order to use the Bluetooth music mode of the Infotainment system:

- The Bluetooth function of the Infotainment system must be activated ⇨ 76.
- The Bluetooth function of the external Bluetooth audio source must be activated (see operating instructions for the device).
- Depending on the external Bluetooth audio source, it may be required to set the device to "visible" (see operating instructions for the device).
- The external Bluetooth audio source must be paired and connected to the Infotainment system ⇨ 76.

### Activating the Bluetooth music mode

Press **MEDIA** once or several times to activate the Bluetooth music mode.



Bluetooth music playback has to be started and paused/stopped via the Bluetooth device.

### **Operation via Infotainment system**

#### **Adjusting the volume**

The volume can be adjusted via the Infotainment system ↗ 52.

#### **Skipping to next or previous track**

Briefly press ◀◀ ⏮ or ⏭ ▶▶ on the control panel of the Infotainment system.

# 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 portal functions are supported by every mobile phone. The possible phone functions depend on the relevant mobile phone and network provider. You will find further information on this in the operating instructions for your mobile phone or you can enquire about them with your network provider.

## Important information for operation and traffic safety

### Warning

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

### Warning

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

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

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

## Bluetooth

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

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

## Bluetooth connection

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

To be able to set up a Bluetooth connection with the Phone portal, the Bluetooth function of the mobile phone must be activated and the mobile phone must be set to "visible".

Find a detailed description in the operating instructions for the mobile phone.

## Activating Bluetooth

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings** and then **Bluetooth**. The submenu prompts you with a question.



Set **Bluetooth** to **On** by answering the question with **Yes** or **No**, as required.

## Pairing a Bluetooth device

Press **CONFIG** to open the **Settings** menu. Select **Phone settings** and then **Pair device**.

You may optionally press **☎** / **✉** twice.

The following display is shown:



As soon as the Phone portal of the Infotainment system is detected, it appears in the device list of your Bluetooth device. Select the Phone portal.

Upon request, enter the PIN code on your Bluetooth device. The devices are paired and connected.

### Note

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

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

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

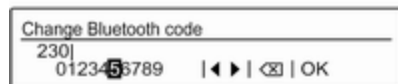
### Note

A maximum of 5 devices can be paired with the Infotainment system.

## Changing the Bluetooth code

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings** and then **Change Bluetooth code**. The following display is shown:



Enter the desired four-digit PIN code and confirm your input with **OK**.

## Connecting another paired device

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings** and then **Device list**. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

### Note

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



Select the desired device. A submenu is displayed.

Select the submenu item **Select** to establish the connection.

## Disconnecting a device

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings** and then **Device list**. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

### Note

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

Select the paired device. A submenu is displayed.

Select the submenu item **Disconnect** to disconnect the device.

## Removing a paired device

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings** and then **Device list**. A list of all Bluetooth devices currently paired to the Infotainment system is displayed.

### Note

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

Select the desired device. A submenu is displayed.

If the device is connected, it must be disconnected first (see above).

Select the submenu item **Delete** to remove the device.

## Restoring the factory defaults

The phone settings, e.g. the device list, the Bluetooth code, and the ring tone, can be reset to the factory defaults.

Press **CONFIG** to open the **Settings** menu. Select **Phone settings** and then **Restore factory settings**.

The submenu prompts you with a question. To reset all values to the factory defaults, select **Yes**.

## Emergency call

### ⚠ Warning

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

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

### ⚠ Warning

Bear in mind that you can make and receive calls with the mobile phone, if it is in a service area with a sufficiently strong signal. Under certain circumstances emergency calls cannot be made 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 Bluetooth connection has been set up between your mobile phone and the Infotainment system, you can also operate many functions of your mobile phone via the Infotainment system.

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

### Note

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

After the setup of a connection between the mobile phone and the Infotainment system, mobile phone data is transmitted to the Infotainment system. This can take several

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

### Note



Not every mobile phone supports all functions of the Phone portal. Therefore deviations from the range of functions described with these specific mobile phones are possible.

## Prerequisites

The following prerequisites must be met in order to use the handsfree mode of the Infotainment system:

- The Bluetooth function of the Infotainment system must be activated ⇨ 76.
- The Bluetooth function of the mobile phone must be activated (see user guide of the device).
- The mobile phone must be set to "visible" (see user guide of the device).
- The mobile phone must be paired to the Infotainment system ⇨ 76.

## Activating the handsfree mode

Press  /  on the control panel of the Infotainment system. The phone main menu is displayed.

### Note

If there is no mobile phone connected to the Infotainment system, **No phone available** is displayed. For a detailed description of how to establish a Bluetooth connection ⇨ 76.



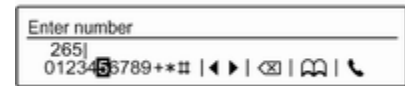
Many functions of the mobile phone can now be controlled via the phone main menu (and associated submenus) and via the phone-specific controls on the steering wheel.


## Initiating a phone call

### Entering a number manually

While in the phone main menu, press **MENU-TUNE** to open the **Phone Menu**.

Select the submenu item **Enter number**. The following screen is displayed.



Enter the desired number and select  on the display to start dialling.

### Note

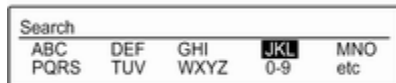
To open the **Search** screen of the phone book, select .

### Using the phone book

The phone book contains contact names and numbers.

While in the phone main menu, press **MENU-TUNE** to open the **Phone Menu**.

Select the submenu item **Phone book**. The following screen is displayed.



As on a telephone or mobile phone, the letters are organised in alphabetical groups on the display: **abc, def, ghi, jkl, mno, pqrs, tuv, and wxyz.**

Select the desired group of letters. The phone book is displayed showing the entries starting with one of the letters in the letter group.

Scroll through the list and select the desired entry name.

Scroll through the list of phone numbers and select the desired number. The corresponding phone number is dialled.

### Adjusting the sorting order of the phone book

After pairing and connecting a mobile phone to the Infotainment system, your mobile phone book with phone numbers and names will be automatically downloaded to the Infotainment system.

The phone book on the Infotainment system may be sorted by **First Name** or **Last Name**.

Press **CONFIG** to open the **Settings** menu.

Select **Phone settings** and then **Phone book sorting**.

Select the desired option.

### Using the call lists

All incoming, outgoing, or missed calls are registered in corresponding call lists.

While in the phone main menu, press **MENU-TUNE** to open the **Phone Menu**. Select the submenu item **Call lists**.

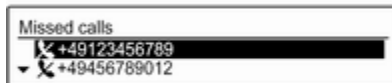
You may optionally press the / button.

The following screen is displayed.



Select the desired call list, e.g.

**Missed calls**. A menu with the corresponding call list is displayed.



To initiate a phone call: select the desired list entry. The corresponding phone number is dialled.

### Redialling a phone number

The last dialled phone number can be redialled.

Press on the steering wheel to open the **Redial** menu.

Press again to start dialling.

Press on the steering wheel to exit the **Redial** menu.



You may optionally use the **MENU-TUNE** knob to select **No** on the display.

### Incoming phone call

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

To answer the call: select **Answer** on the display.

To reject the call: select **Decline** on the display.

### Second incoming phone call

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

To answer the second call and end the ongoing call: select **Answer** on the display.

To reject the second call and continue the ongoing call: select **Decline** on the display.

### Changing the ring tone

Press **CONFIG** to open the **Settings** menu.

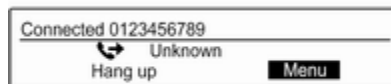
Select **Phone settings, Sound & Signals** and then **Ring tone**. A list of all ring tones available is displayed.

Select the desired ring tone.

For a detailed description on the ring tone volume ↗ 57.

### Functions during a phone call

During an ongoing phone call, the phone main menu will be displayed as follows.



Select **Menu** on the display to open the menu **Connected**.

Select **Hang up** on the display to end the call.

### Activating the private mode

In the **Connected** menu, select the submenu item **Private call** to switch the call to the mobile phone. The following display is shown.



To switch the call back to the Infotainment system, select **Menu** on the display and then **Transfer call**.

### Deactivating/activating the microphone

In the **Connected** menu, set the submenu item **Mute Mic** to **On**. The caller cannot hear you any more.

To reactivate the microphone: set the submenu item **Mute Mic** to **Off** again.

## Mobile phones and CB radio equipment

### Installation instructions and operating guidelines

The vehicle specific installation instructions and the operating guidelines of the mobile phone and handsfree manufacturer must be observed when installing and

operating a mobile telephone. Failure to do so could invalidate the vehicle type approval (EU directive 95/54/EC).

Recommendations for fault-free operation:

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

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

Use of a handsfree attachment without external antenna with mobile telephone standards GSM 900/1800/1900 and UMTS is only permitted if the maximum

transmission power of the mobile telephone is 2 watts for GSM 900 or 1 watt for the other types.

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

### Warning

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

### Caution

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



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# FlexDock

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# FlexDock

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## General information

FlexDock consists of a built-in base plate and different types of cradles which can be attached to the base plate. By inserting an iPhone or a different smartphone to the cradle, the smartphone can be controlled via the Infotainment system, steering wheel control or touch screen.

Detailed cradle usage information can be found in the cradle manual supplied with each cradle.

### Warning

Devices attached to the FlexDock must be used in a way that driver distraction is avoided and the vehicle can be driven safely at all times. You must always comply with the respective laws and regulations of the country where you are driving. These laws may differ from the information in this manual. If in doubt, stop your vehicle and operate devices while the vehicle is stationary.

## Note

Do not operate a further audio source via the USB socket at the same time due to superimpositions of both audio sources.

### Caution

To avoid theft, do not leave the mobile phone in the FlexDock when leaving the vehicle.

## Usage

### Attaching the cradle to the base plate





1. Remove the cover from the base plate.
2. Push the cradle in the base plate and fold down.

## Connecting the smartphone to the Infotainment system

### Universal smartphone

Connect the smartphone to the cradle by using the connecting cable.

### iPhone

The iPhone is connected automatically when it is inserted into the cradle.

Depending on the status of the software and hardware equipment, the functionality of the iPhone can be restricted.

## Operating the smartphone

When the smartphone is connected via FlexDock, it has the same functionality as if it is connected via the USB socket. See the corresponding instructions in this manual for detailed information.

To use the phone function or the Bluetooth Music function, a Bluetooth connection must be established. See the corresponding instructions in this manual and the operating instructions for the smartphone for detailed information.

## Removing the cradle from the base plate

1. Push the release button and remove the cradle.



2. Attach the cover to the base plate.

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