

# RADIO WITH NAVIGATION SYSTEM

Original instructions  
Truck entertainment premium



This manual can be downloaded at  
[www.scania.com/manuals](http://www.scania.com/manuals)



## BUTTONS AND CONTROLS



① Buttons ◀ and ▶

**In radio mode:**

Short press: Switch to next/previous preset (radio)

Long press: Switch to next/previous station on station list (radio)

**In media mode:**

Next/previous track (press)

Start quick scan (long press)

② **SD slot 1:**

Navigation data, Media, audio, video playlists, POI import

③ **SD slot 2**

Media, audio, video playlists, POI import

④ **TELEPHONE** button

Telephone functions

⑤ **CAMERA** button

Camera functions

⑥ **DISPLAY** button

Settings for the illumination of the display

⑦ **SETUP** button

General settings for the system

⑧ ◀ Button

Return to previous view

⑨ Right rotary encoder

Select menu item, change setting (rotate);  
Confirm setting (press)

⑩ **Approach Sensor**

If function is activated, approaching the sensor will activate and deactivate display.

⑪ Display/touch screen

⑫ Left rotary encoder

Adjust volume (rotate)  
Mute audio signals (press)  
Turn system on/off (long press)

⑬ **NAVI** button

Navigation function

⑭ **TRAFFIC** button

Traffic information

⑮ **MEDIA** button

Media mode

⑯ **RADIO** button

Radio mode

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## IMPORTANT INFORMATION

The infotainment system was manufactured according to the current state of the art and recognised safety regulations. However, there may be hazards if you do not observe the safety information in these instructions.



### Note

- Read these instructions carefully and completely before first use.
- Keep these instructions where they will be accessible for all users at all times.

## THIS MUST BE OBSERVED!

The infotainment system is designed to operate in a commercial vehicle with a 24 V vehicle system voltage and for installation in a 2-DIN slot.

Traffic guidance accompanying the navigation SD card is designed for commercial vehicles. The navigation SD card contains specific information about the navigation of commercial vehicles, such as height restrictions or maximum permitted road load.



### Traffic safety

The traffic safety is of highest priority. Inattentive driving or not observing traffic situations can cause serious accidents.

- Familiarise yourself with the device before driving.
- Only operate your device if the traffic situation permits. Stop at a suitable location before entering a new navigation destination or changing system settings.
- The infotainment system gives driving recommendations during route guidance. Only follow these if you do not disobey any traffic regulations!
- Traffic signs and traffic regulations always have priority over the driving recommendations.

You must always be able to hear audible warnings of police, fire and rescue services in the vehicle in a timely manner.

- Therefore, listen to your program at appropriate volumes while driving.



### Risk of injury

You must not open or modify the device!

Refrain from repairing the device.

Trained personnel should only perform repairs and maintenance.



### Risk to the device

We accept no liability for damage to the SD slots caused by inappropriate SD cards.

## Cleaning

Do not use solvents or abrasives, as these may attack and damage the surface of the device.

- Clean the device with a dry or slightly damp cloth and, if necessary, with suitable cleaning or maintenance products.

## Disposal of old infotainment systems (EU countries only)



- Do not dispose of your old device in the household waste!
- Take advantage of the available return and collection systems.

## NOTES ON HANDLING SD CARDS

To ensure proper functioning, use clean SD cards that are not damaged. Contamination or damage of an SD card may cause reading difficulties. We recommend that you handle SD cards carefully.



### Notes

- Do not expose the SD card to strong magnetic or electric fields.
  - Do not expose to direct sunlight or high humidity.
  - Do not expose to dirt, water or other liquids.
  - Always insert the SD card into the correct position.
  - Only insert or remove the SD card when the infotainment system is off.
- This may cause data loss or destruction of the SD card.

## USABLE NAVIGATION SD CARDS

This infotainment system may only be operated with original **SCANIA** data storage media.



### Note

The infotainment system is not designed for the use of self-generated navigation SD cards. The resultant functional limitations of navigation are not covered by warranty.

## NOTES ON THESE INSTRUCTIONS

These instructions will familiarise you with the functions of the infotainment system and enable safe and successful operation for you.



### Note

- Read these instructions carefully and completely before first use.
- Keep these instructions where they will be accessible for all users at all times.

## Formatting conventions

Safety instructions are highlighted with a grey bar and the symbol:



Helpful hints are highlighted with a grey bar and the symbol:



You will also find items in these instructions, clearly marked as illustrated here:

Action steps:

- Press ...

Device buttons:

e.g. **SETUP** button ⑦

Buttons:

e.g. ***Navigation***



### Note

The order and availability of the menu items are dependent on the inserted navigation SD card and may therefore differ from the illustrations in these instructions.

# INTRODUCTION

## FEATURE LIST

Mode	Feature
Radio	FM (18 stations) AM (18 stations) LW (6 stations) MW (6 stations) SW (6 stations) DAB (18 stations)* *) <i>DAB is not receivable in each region.</i>
USB port	2 USB ports: - Media data - Charging external media USB port 1: Provides current up to 1.5 A USB port 2 (optional): Provides current up to 0.5 A
SD slot	SD slot 1: - Navigation/media data SD slot 2: - Media data
Connection to external (storage) media	- MP3 player - USB flash memory - 2 Video-In - External audio sources via AUX-In
Navigation system	Dynamic directions to avoid traffic jams or other traffic problems.
Phone link	Connection with Bluetooth-enabled mobile phones



### Notes

- The infotainment system must be used so that the vehicle can be driven in a safe manner at all times.  
If in doubt, stop your vehicle and operate the infotainment system while the vehicle is at a standstill.
- The use of the navigation system does not release the driver from proper and attentive driving behaviour in traffic. Traffic regulations must always be followed. If you have to deal with the system (e.g. for entering addresses), stop your vehicle at a safe location and then perform the necessary function.
- Some areas where entrance is forbidden, such as one-way streets, entrances and other pedestrian areas may not be marked on the navigation map. The navigation system will not issue a warning message in such areas. The traffic regulations should be followed here.




## RADIO RECEPTION

Radio reception can be degraded by atmospheric interference, noise, distortion or other reception interference, such as:

- Change in distance from the transmitter
- Multipath reception due to reflection or shadowing

In such conditions the radio reception is disturbed. However this is not a faulty behaviour of the infotainment system.

## OPERATING MODES

Setting options in main menus are displayed by tapping the icon .

### Radio settings

- Press the **RADIO** <sup>16</sup> button to change to RADIO function.  
See chapter "Radio" on page 26 for further details.

### Media settings

- Press the **MEDIA** <sup>15</sup> button to start an SD card, USB, BLUETOOTH AUDIO or AUX function.  
See chapter "Media" on page 32 for further details.

### Navigation settings

- Press the **NAVI** <sup>13</sup> button to start the NAVIGATION function.  
See chapter "Navigation\*" on page 56 for further details.

### Telephone settings

- Press the **TELEPHONE** <sup>4</sup> button to start the telephone function.  
See chapter "Telephone\*" on page 41 for further details.

## OPERATION

### Controls

The infotainment system can be operated via rotary encoder/knob, buttons and menus displayed on the touch screen.

## Touch screen



### Risk of damage to the touch screen


The infotainment system is equipped with a capacitive touch display. Only use your fingers. Do not use sharp or hard objects such as pens or pencils for the operation of the touch screen.

The screen of the infotainment system has a sensor interface that enables direct selection of displayed menu options. For example, it is possible to activate a menu option on the screen by tapping the button with a finger or to change the position of the sliding element on the screen by sliding with a finger.

In menus with several views (several buttons in the upper part of the menu), you can change from left-to-right or right-to-left between views by swiping with your finger.



### Note

- Before a system function is executed, you are often asked via a message to confirm whether the selected system function should really be executed. You can also direct the message to complete the function.
- Press the button  ⑧ if you want to suppress such a message without triggering a system function.

## Multifunction knob

To navigate through the menu options:

- Rotate the right rotary encoder ⑨ clockwise or counter-clockwise.

To activate the selected menu item:

- Press the right rotary encoder ⑨.
  - > The corresponding system function is activated or a message or a view with additional options is displayed.



### Note

In the main menus for audio and telephone, only the screen switch in the lower part of the menu can be selected/activated via the touch screen.

## Scroll through a list of menu items

With the touch screen:

- Tap on the button at the top or bottom of the slider.

or

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



or

- Swipe your finger up or down to scroll through the list of menu items.

With the right rotary encoder ⑨:

- Rotate the right rotary encoder ⑨ clockwise or counter-clockwise to scroll through the list of menu items.

## Home icon

When the Home icon  is tapped, the last active tab of the home screen is shown. If a last active tab is not available, the 2nd tab is shown. As soon as the user navigates to another tab of the home screen, a back button  is available in the bottom left corner.



### Note

Home screen layout can be set via **SETUP** ⑦ button and tapping on the icon .

For more details, see chapter “Introduction; System settings”.

## Turning on the infotainment system

- Switch on the ignition of the vehicle.
  - > The infotainment system turns on automatically.




### Note

If the infotainment system is turned off manually with left rotary encoder ⑫ it needs to be turned on again by pressing the left rotary encoder ⑫.

## Automatic shut down

If the infotainment system is turned on while the vehicle ignition is turned off, the infotainment system will turn off automatically after one hour.

## Adjust the volume

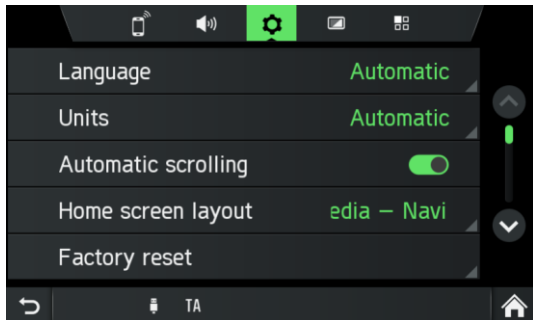
- Rotate the left rotary encoder ⑫.
  - > The current setting is displayed.  
When the infotainment system is turned on, the last selected volume is set.
- Press the left rotary encoder ⑫ to mute the infotainment system or return to the original volume.
  - > If the volume is muted, the icon  is displayed on the screen.


## CUSTOMISE SETTINGS

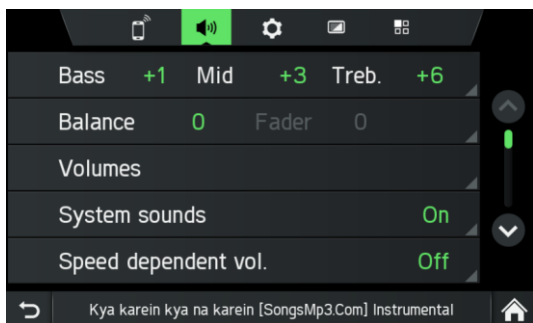
The following examples describe a method to change the settings available in the different menus using the menu options on the screen or the right rotary encoder ⑨.

### Sound settings

- Press the **SETUP** ⑦ button.

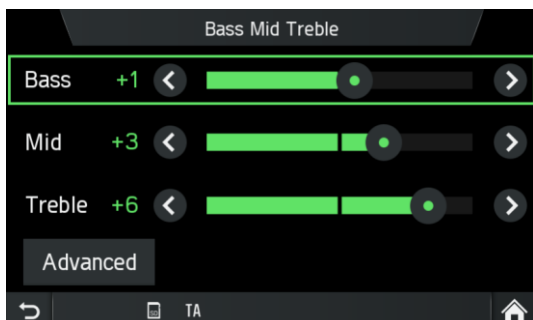


- Tap on the icon .
- > The AUDIO SETTINGS menu is displayed.



Two options are possible:

- Simple Equalizer for Bass/ Mid/ Treble settings (standard)
- Advanced Equalizer for advanced sound settings



### Note



To change the settings you can proceed as follow:

- Tap on one of the screen buttons (◀ / ▶) to change the audio settings.
- Move the slider via touch screen.
- Move the slider by rotating the right rotary encoder ⑨.

### **Bass:**

Use this setting to modify the low frequencies of your audio source.

### **Mid:**

Use this setting to modify the middle frequencies of the audio source.

### **Treble:**

Use this setting to modify the high frequencies of the audio source.

- Tap on **Advanced** to open the Advanced Equalizer.

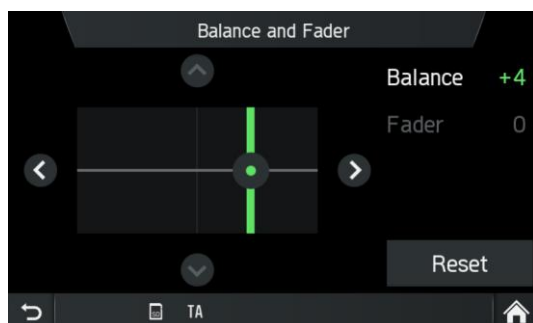
### **Advanced Equalizer:**



The Advanced Equalizer includes ten sliders (-9 to 9) to edit audio frequency ranges. Customized settings can be stored in three different presets.

### **Balance:**

Use this setting to adjust the volume balance between the left and right speakers of the vehicle.



### **Fader (optional):**

Use this setting to adjust the volume balance between the front and rear speakers of

the vehicle.

### Change settings

Via touch screen:

- Tap with your finger on the intersection of both lines and then hold and move the finger to the desired position.
- > Values for Balance and Fader change according to the position of the intersection.

Setting range: -9 to 9



#### Note

Tap on **Reset**, to align the intersection centrally.  
I.e. Balance = 0, Fader = 0

### Adjusting the system sounds

You can activate or deactivate the system sounds for different actions.

You can activate or deactivate the complete system sounds or select between Touch clicks, System notifications (e.g. information about a connected/disconnected telephone), SMS notifications

### Adjusting the speed-dependent volume

If speed-dependent volume is activated, the volume is adjusted automatically to compensate for road and wind noise while driving.



#### Note

- If the setting for the speed-dependent value is "Off", the volume does not increase at higher vehicle speeds.
- If the setting for the speed-dependent value is "High", the volume is increased to the maximum at higher vehicle speeds.

### Adjusting the Turn instructions during calls

Use this setting to select if during active calls the turn instructions are played. With active function the turn instructions are played.


### Adjusting the Media mix during calls

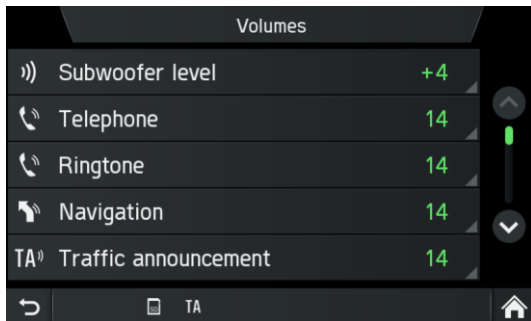
Use this setting to select if during active calls media will be played. If the option is switched to Off no media is played during a call.

If the option is switched to On media will be mixed with phone calls according to the settings at Media mix. See "Adjust the volume" on page 11.

## VOLUME SETTINGS

### Adjusting volumes

- Press the **SETUP** ⑦ button.
- Tap on the icon .
- Tap on **Volumes**.



- Select the list entry you want to modify.
- Adjust the **Volume** to the desired level.
- > The selected volumes are adjusted.



#### Note

For some settings you can test the selected volume by pressing the button



### Subwoofer level:

Use this setting to modify the subwoofer level of the audio source.

### Adjusting the Telephone volume



#### Note

The telephone volume can also be adjusted during a call using the left rotary encoder ⑫.

Once the volume is set, the customised setting is saved by the infotainment system and is used as a default for all future calls until the setting is changed again.

### Adjusting the Ringtone volume

The volume of the ringtone played back by the system in case of an incoming call can be adjusted.

### Modifying the volume of the voice guidance (Navigation)

The volume of the voice prompts can be adjusted during the guidance messages using the left rotary encoder ⑫ or via the NAVIGATION SETUP menu.

The setting is saved by the infotainment system and is used automatically for all future voice prompts until the setting is changed again.

### Adjusting the volume of the traffic announcements (TA)

The volume of the traffic announcements can be adjusted during the message using the left rotary encoder <sup>12</sup>. When the message has been completed or is cancelled, the volume is reset to the original volume setting automatically.

### **Adjusting the volume of voice (SDS)**

The volume of voice announcements can be adjusted, when Speech Dialogue System - SDS is available.

### **Adjusting the volume of System sounds**

The volume of the System sounds can be adjusted. This is only possible when the System sounds are activated in system settings.

### **Adjusting the Media mix**

Sets the relative background volume of all audio sources (radio or media) during voice guidance, ongoing call, traffic announcement, system notification or speech recognition dependent on vehicle speed.

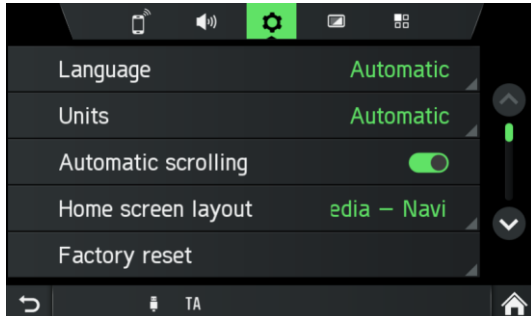
- If the value set „off“, then radio/ media sounds are quiet during other sound events.
- If the value is set to „max“, radio/ media volume will still be reduced.



## SYSTEM SETTINGS

The default settings for the infotainment system can be changed via the menu SYSTEM SETTINGS.

- Press the **SETUP** ⑦ button and tap on the icon .



With the touch screen:

- Tap on a menu item to change the setting.

With the right rotary encoder ⑨:

- Rotate the right rotary encoder ⑨ clockwise or counter-clockwise to select a menu item.
- Press the right rotary encoder ⑨ to change the setting.

### Select the language

Different languages can be selected for the menu display. Voice output (optional) also occurs in this language.

- Select the menu item **Language**.
  - > A list of the languages is displayed.
- Select the desired language.
  - > You have successfully performed the language setting.




#### Note

If **Automatic** is selected. The language is set via instrument cluster.



#### Note

Voice recognition is not available for each language and every region. To activate voice recognition feature, see chapter "Steering wheel remote control\*" sub item „Button “ on page 92.

## Units

- Select the menu item **Units**.
- > A list of the Units is displayed.
- Select the desired system of units:

**Automatic**

**Metric** (km, m, t, kmh)

**Imperial** (mi, yd, ft, t, mph)



### Note

If **Automatic** is selected. The Units are set via instrument cluster.

## Automatic text scrolling

- Activating or deactivating automatic text scrolling (touch-click):

If the option is activated, list entries which are too long to fit on the current screen will first be displayed with three dots at the end and afterwards they will be scrolled automatically from the right to the left side, so that the user can read the rest of text on the respective entries.



### Note

In some regions, this function is not available due to legal restrictions.

## Home screen layout

- Select the menu item **Home screen layout**.
- > A list of possible layouts is displayed.
- Select the desired layout.

**Media - Navi - Phone**

**Media - Navi**

**Media - Phone**

## Factory reset

This menu entry provides option to either delete all personal data of individual driver or settings common to all the vehicle driver ID holders.

- Select the menu item **Factory reset**.



- > A screen is asking for user's acknowledgement.
  - **Factory reset, present user** = Deleting all personal data.  
After choosing yes in the "factory reset, present user" pop up, "All personal data will be deleted and system will be restarted" pop up will be shown during data deletion process.  
Another popup informs the user that personal data has been deleted
  - **Factory reset, all users** = Deleting personal data of current user and also all other users
  - After choosing yes in the "factory reset, all user" pop up, "All personal data will be deleted and system will be restarted" pop up will be shown during data deletion process

## SW vers.

This menu entry displays you the current installed software version.

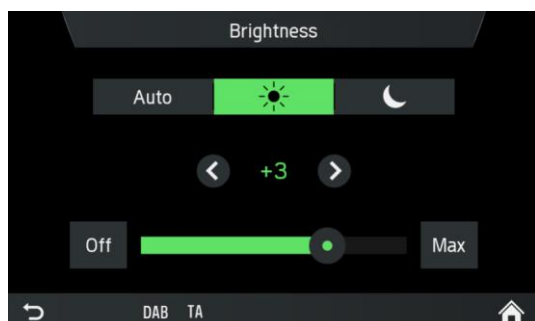
## BLUETOOTH AND PHONE

For details, see the chapter "Media", sub-chapter "Bluetooth audio connection" on page 35 or the chapter "Telephone\*", sub-chapter "General information" on page 41.

## DISPLAY SETTINGS

### Customising the display



- Press the **SETUP** ⑦ button and tap the icon .
- Tap on **Brightness**.





- Select the appropriate option to adjust the **Brightness** of the screen and to adjust the display to match the light conditions of your surroundings.



#### Note

There is one automatic and two manual modes ( day or  night) in system.

If you select **Auto**, the infotainment system will follow the brightness level for the complete instrument panel. If you select  (day) or  (night) you can set your own brightness level.

- Select the appropriate option to activate/deactivate a **Screen saver**.
- Select the appropriate option to activate/deactivate the **Approach sensor feature**.



#### Note

The points under a setting indicate that additional options are still available. Press on the dots to see the other options.

With right rotary encoder ⑨

- Rotate the right rotary encoder ⑨ clockwise or counter-clockwise to select a menu item.
- Press the right rotary encoder ⑨ to change the setting.

### Approach Sensor Feature

If the approach sensor ⑩ feature has been enabled. When a screensaver or Display off is currently shown, approaching the screen turns the display temporarily on. When the approach sensor is not detecting something anymore, the display will be turned off again after an assigned time.

## DRIVER PROFILES

The ID from your Driver ID card (if a Tachograph is used) will be used to identify you as a user of the infotainment system, this to store basic settings and restore them next time you enter the same vehicle again.

If the infotainment system is used standalone (ignition off), changes will always be applied to the last used Driver ID.

## THEFT PROTECTION

Please contact your local SCANIA dealer.

## SPEECH DIALOGUE SYSTEM – SDS\*


*\*) Voice recognition feature is dependent on vehicle configuration, the language which is used and region the vehicle is sold.*



### Note

Speech Dialogue System - SDS is not available in all regions.

The on board voice recognition system is designed to achieve complex tasks by voice commands.

- Press the Push to Talk button  on steering wheel to initiate the voice recognition
- > A beep is played. The speech session has started.
- The user may utter a command after the beep. For more details, see Example 2.

## Supported commands

Navigation, Media, Telephone and Radio are the four major domains supported by the speech dialog system. Below is the list of major commands supported by the Voice Recognition system on board.

### Europe:

Following commands are supported by the on board voice recognition system:


Commands
Album <Name>
Genre <Name>
Artist <Name>
Playlist <Name>
Song <Name>
Play <Artist> <Album or song>
Search for music
Dial by number
Dial <Phone Number>
Call <name>
Redial
Enter Country < Country name >
Enter state < State name >
Enter city < city name >
Enter ZIP Code <ZIP code>
Enter Street <Street Name>
Enter house number <house number>
Favorite < Name>
Find Next <POI Brand>
New destination
Repeat instructions
Show map
Station <Name>

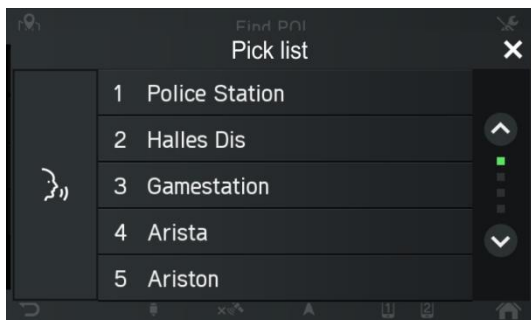
### Other regions (out of Europe):

Following commands are supported by the on board voice recognition system:

Commands
Tune to < Frequency >
Seek Up
Seek Down
Next preset
Previous preset
FM/AM
Next Track
Previous Track
Album <Name>
Genre <Name>
Artist <Name>
Playlist <Name>
Song <Name>
Play <Artist> <Album or song>
Search for music
Dial by number
Dial <Phone Number>
Call <name>
Redial

### Dialog session

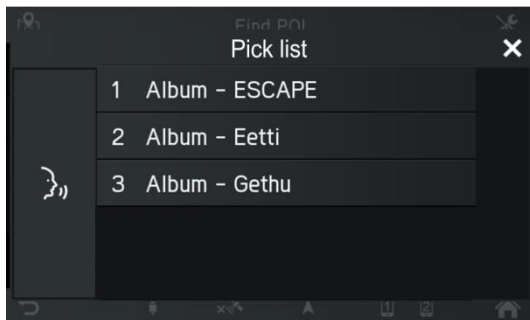
A dialog session starts with a short press of the Push to Talk button  and terminates in a system action or cancellation based on system state. During an active dialog session, there could be multiple speech interactions between the user and the head unit.



In order to assist the user, some information is displayed on the screen. This is particularly useful when there is a need for disambiguation of user utterance.


### Example 1:

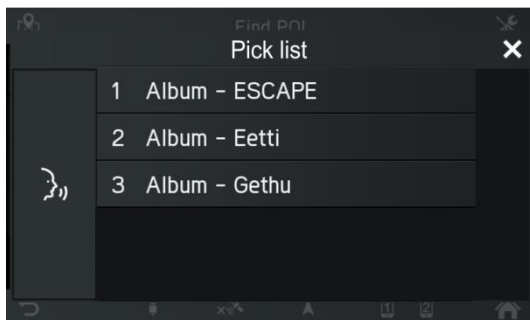
Disambiguation between two similar artists:



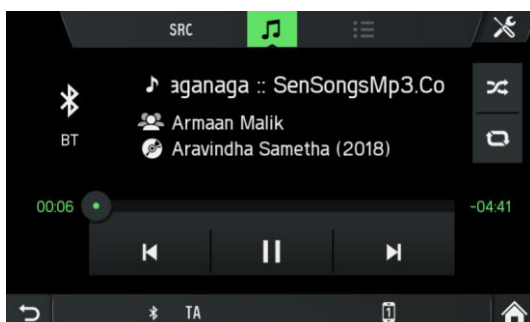
### Example 2:

Select an album and play it:

- Press the Push to Talk button  on steering wheel to initiate the voice recognition
  - > A beep is played. The speech session has started.
  - > Speak the album title of the songs which should be played.
  - > A pop-up appears with a list of albums the system associates with the users command. The list is arranged in the order of recognition confidence.



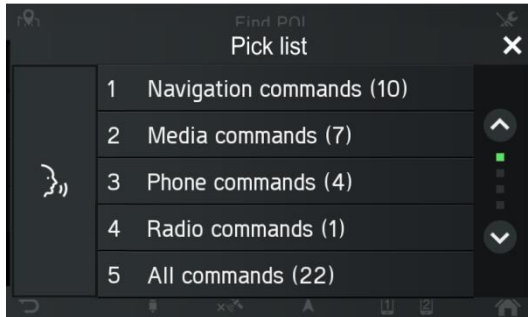
- Recite the wanted list entry e.g. "Line one" or select it via touch screen.
  - > The infotainment system plays the selected title.





## Help system

The voice recognition solution comes with an on board help system. If no command is uttered, the help dialog is initiated in which the system reads out some of the supported commands. You could also utter "more commands" or "all commands" to trigger a help dialog.



## RADIO

You can only use the touch screen to select or activate the menu items in the Radio menu.

### ACTIVATING THE RADIO

- Turn on the infotainment system.
- Press the button **RADIO<sup>16</sup>**.
- > The radio function is activated.  
The last station you listened to is played after activating the radio.



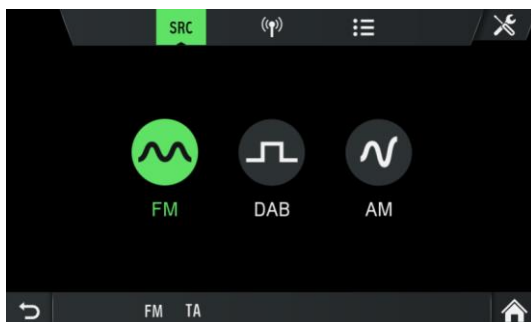
#### Note

If an RDS station is being played, the information about the station name and the program will be displayed.



### SELECT WAVEBAND

- Press the button **RADIO<sup>16</sup>**.
- Tap on the **SRC** button.
- Select the desired waveband.  
**FM, AM or DAB\***  
\*) DAB is not receivable in each region.



- > The last station of the selected waveband is played.



### Note

- If the waveband is changed from FM to DAB, to AM or vice versa, the currently received station remains activated.
- There is an FM waveband menu. You can store 18 FM stations.
- There is an AM waveband menu. You can store 6 AM stations for each waveband:  
LW, MW and SW
- If DAB is available, you can store 18 DAB stations.

## TRAFFIC ANNOUNCEMENTS (TA)

A message is displayed and the announcement is heard.

During the announcement, the volume can only be changed using the left rotary encoder <sup>⑫</sup>. The traffic announcement can be cancelled by tapping on **Skip**. When the traffic announcement is finished or is cancelled, the volume is reset to the original setting automatically.



### Note

- If traffic announcements are activated, the radio is enabled in the background, even if Media or the Navigation is activated.
  - If you have previously selected a radio station that does not disseminate traffic announcements, the infotainment system automatically tunes to a radio station that disseminates traffic announcements.
- The traffic announcements are activated even if the AM waveband has been selected beforehand. This ensures that local traffic announcements can be received at any time, regardless of the selected operating mode.

## Priority for traffic announcements

### Activating or deactivating (TA)

The TA function is available only in FM radio mode.







If the TA function is activated and the infotainment system receives a traffic announcement from an RDS station, the currently active audio source is interrupted.

To activate/deactivate traffic announcements (TA) see "Radio", sub-chapter "Radio settings".

## STATION SEARCH

You can set the desired radio station either automatically or manually.


Via touch screen:

	Switch to the previous DAB station within the currently set DAB ensemble. Switch to the previous station in the station memory (AM/FM). Press for a longer time: Automatic search for previously available radio station (AM/FM).
	Switch to the next DAB station within the currently set DAB ensemble. Switch to the next station in the station memory (AM/FM). Press for a longer time: Automatic search for next available radio station (AM/FM).
	Manual tune to previous frequency by specific step (AM/FM).
	Manual tune to next frequency by specific step (AM/FM).
	Switch to the previously available DAB ensemble.
	Switch to the next available DAB ensemble.

Via hard keys ①:


- Short press:  
Switch to next / previous preset in the station memory
- Long press:  
Switch to next/ previous station on station list

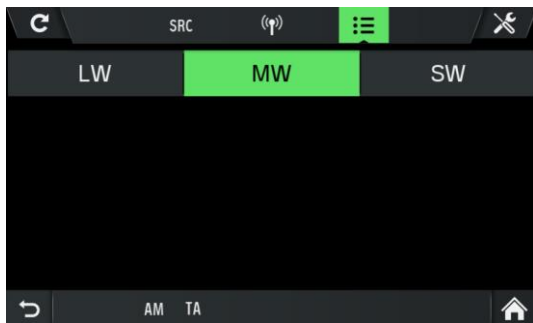
## Display available radio stations

- Press the button **RADIO**<sup>16)</sup>.
- Tap on the icon .
- > The available radio stations will be displayed for the selected waveband and can be selected.




### Note



The first time that the AM is used, you need to click on the update button  at the top left in order to update the station list.



## Automatic station search

- Tap on the icon .
- > A frequency scale is displayed.



- Press on the  or  button
- > The next available station is received and played back automatically.



### Note


If no other receivable station is found, the last received station is set again.

## Manual station tuning (AM/FM)

Using the right rotary encoder ⑨:

- In the radio menu, turn the rotary encoder ⑨ clockwise or counter-clockwise to change the reception frequency.

Using the frequency display:

- Tap on the icon .
- > A frequency scale is displayed.

Perform one of the following to set the desired station manually.

- Tap the frequency scale.
- Tap on ◀ or ▶.
- Turn the right rotary encoder ⑨ clockwise or counter-clockwise.

## STORE RADIO STATIONS

Radio stations can be stored on each waveband (AM, FM and DAB) using the station buttons.



- Select the desired waveband.
- Set the desired station.
- Press and hold one of the station buttons until you hear a beep (if sound settings for beep is set to ON).
- > Pressing the corresponding station button retrieves the station from the station memory.




### Note

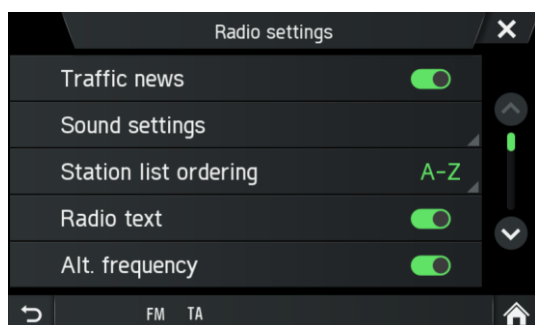
If you do not hear a beep when saving the radio station, it may be that the system sounds are deactivated. To activate the system sounds, see the chapter "Introduction", sub-chapter "Customise settings" on page 12.

## RETRIEVING RADIO STATIONS

- Select the desired waveband.
- Press a station button.
- > The corresponding radio station is played.

## RADIO SETTINGS


- Press the **RADIO** <sup>(16)</sup> button and tap on the icon .
- > The **Radio settings** menu is displayed.



Following menu items are available:

- **Traffic news (AM/FM/DAB)**  
Enables or disables traffic announcements.
- **Sound settings (AM/FM/DAB)**  
SOUND SETTINGS Menu opens. For more details see chapter "Introduction", sub-chapter "Sound settings" on page 17.
- **Station list ordering (FM)**  
STATION LIST ORDER menu opens. Select if you want to order the saved stations alphabetical (**A-Z**) or **By frequency**
- **Radio text (FM/DAB)**  
Activate or deactivate Radio text (FM/DAB). If Radio text is activated, this is displayed in the FM and DAB playback.
- **Alt. frequency (FM)**  
Enables or disables the alternative frequency function
- **Regional (REG) (FM)**  
Regionalization can only be enabled if **Alternative Frequency** is activated.  
Activate or deactivate the Regionalisation function. If this feature is deactivated, you cannot switch between the various regional programmes of specific stations.
- **Auto. DAB-FM switching (DAB)**  
Activate or deactivate the DAB-FM switching function to receive the preset stations via a different DAB ensemble or FM where the DAB reception is poor.

## MEDIA

The last selected Media source can always be selected by pressing the **MEDIA**  button.

## GENERAL INFORMATION

For the position of the USB port, see the vehicle documentation.



### Note

The USB port must always be kept clean and dry.

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

A USB port can be connected to a hub of 4 USB slots.

If the devices mentioned above are connected to the USB port, you can operate it using the controls and the system menus.



### Note

- The infotainment system does not support all MP3 players, USB drives, SD cards, hard drives or Apple devices.
- Apple iPad is not being charged via USB port.

## IMPORTANT INFORMATION

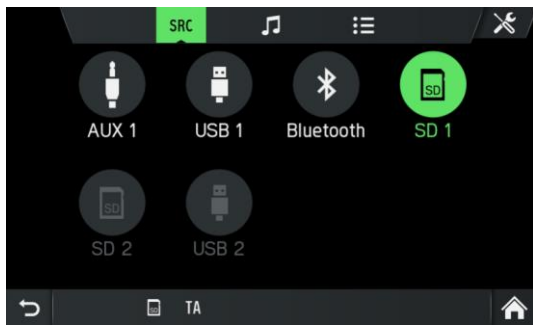
- External devices that are connected to the USB port must comply with the USB mass storage specification (MSC).
- Devices that are connected via USB are supported by the USB 2.0 specification. The maximum supported speed is 12 Mbit/s.
- Devices without the FAT16 / FAT32 file system are not supported.
- Hard disk drives (HDD) are not supported in general.

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

- Max. number of folders: 8000
- Max. number of playlists: 1000
- Max. number of files / songs: 8000
- Max. number of files / songs per folder / playlist: 8000
- A hierarchy depth of at least 8 folders is supported.
- WMA files with Digital Rights Management (DRM) from online music shops cannot be played.
- WMA files can only be played if they were created with Windows Media Player version 9. Support for newer versions cannot be guaranteed.
- Suitable playlist extensions: m3u, .pls, wpl.
- The infotainment system supports bit rates up to 320 kbps at 48 kHz for MP3 and up to 192 kbps for WMA.



## MEDIA SOURCES



### Audio files of an MP3 player, USB drive

- Connect the MP3 player / the USB drive to the USB port via a USB cable.
    - > Audio files are played automatically.
- Supported media files: MP3, WMA, AAC, Flac

### Playing audio files from an SD card

- Slide the SD card into the SD slot 2 ③.
  - > The infotainment system starts playing audio files from SD card.

### Playing files from USB mass storage device

- Connect the USB device to the designated USB port.
  - > The infotainment system starts playing files from USB device.

### Connecting a TV/EXT device on AUX 2\*

*\*) Additional AUX interface shown in media screen if vehicle is configured with TV preparation.*

The infotainment system controls the sound of the TV/EXT source only. The TV picture is shown on another unit.

## Media Player

### Picture Viewer

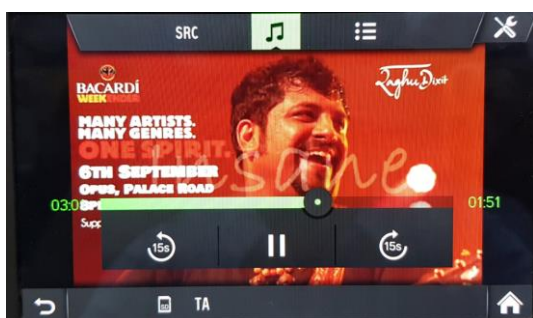
Each picture is shown on the source medium regarding its orientation. There is no possibility for the user to rotate pictures. The maximum supported image size that can be shown is 5163 x 3098 pixel. The user can select an image from within the USB browse menu, and then the picture viewer will be shown. Buttons are shown on the picture viewer to switch to the previous and next picture and to close the picture viewer. The file name of the picture (without file name extension) is also shown on the screen.



- Pressing anywhere on the screen causes the buttons and file name to re-appear.
- Switching between pictures is possible with the next picture/previous picture buttons or by swiping left/right.
- Turning the right encoder clockwise or counter-clockwise switches to the next or previous picture.
- Selecting the close button shows the USB browse menu again.

### Video Player

The USB browse menu for videos is showing the name of the video file, the total play time, a play icon, and a progress bar or if available showing the streaming position where video was left.



If you select a video file without resume information, the video player is shown directly and video starts playing from beginning. Subtitles (Captions) and Chapter Browsing are not supported.

## Supported Media Files

<b>Media Containers</b>	ASF M3u, pls, wpl WAV 3GP MP4 FLAC AVI MkV QtFF
<b>Audio Codec</b>	MP3 (MPEG-1 Layer 3, MPEG-2 Layer 3) WMA 9 (standard; loseless; Voice), WMA9.1, WMA9.2, WMA10 Waveform (WAV – PCM Windows format) AAC (MPEG-4 AAC, Low Complexity Profile) HE-AAC ALAC (Apple lossless Audio Codec)
<b>Video Codec</b>	H.263 (v1/P0/P3) MPEG-4 Part 2 (ISO/IEC 14496-2; profiles: simple, advanced) MPEG-4 Part 10 / H.264 (ISO/IEC 14496-10; profiles: baseline, main, high) DIVX 5.x and higher. VC-1/WMV9: SP/MP/AP

## BLUETOOTH AUDIO CONNECTION

### Important information

- The infotainment system provides only Bluetooth devices that support A2DP (Advanced Audio Distribution Profile) version 1.2 or later.
- The Bluetooth device must support AVRCP (Audio Video Remote Control Profile) version 1.0 or later. If the device does not support AVRCP, only the volume can be controlled via the infotainment system.



### Note



Please refer to the operating instructions for your Bluetooth device before you connect the Bluetooth device to the infotainment system.

## Connecting a Bluetooth device

### Important information

- A maximum of 2 devices can be connected to the infotainment system at the same time.
- A maximum of 10 devices can be paired to the infotainment system.
- Only one connected device can be used for media streaming at a given time.

Perform the following procedure to pair a Bluetooth device with the infotainment system.

- Activate the Bluetooth function on your Bluetooth device.
- Set the visibility of your Bluetooth device to "On".  
(consult the user handbook for the Bluetooth device).
  - Press the **MEDIA**  button and tap on the icon .
  - Tap on the menu item **Bluetooth**.
    - > The BLUETOOTH SETTINGS menu is displayed.
  - Set **Bluetooth** to "On".
  - Tap on **Find Bluetooth devices**.
    - > Bluetooth devices within range are displayed.
  - Select a Bluetooth device.
    - > A 6-digit code is generated and displayed.
    - > The infotainment system displays a message asking whether the code displayed matches the one on your Bluetooth device.
  - Confirm the security query with "Yes".
  - Confirm the connection request on your Bluetooth device.
    - > The Bluetooth device is connected.
    - > The functions of the connected Bluetooth device are displayed on the touch screen.
    - > The Bluetooth device appears in the **List of paired devices**.



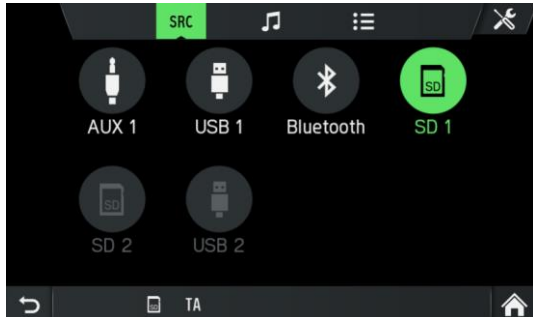
### Note

- If other Bluetooth devices were previously connected to the infotainment system, the previously connected device is disconnected. After the search has been completed and no device has been selected, the previously connected device will be reconnected. If another device was connected, one of the two previously connected devices is replaced. A maximum of two devices can be connected to the system.
- If the Bluetooth connection fails, follow the procedure for connecting again or refer to the user handbook for the Bluetooth device.

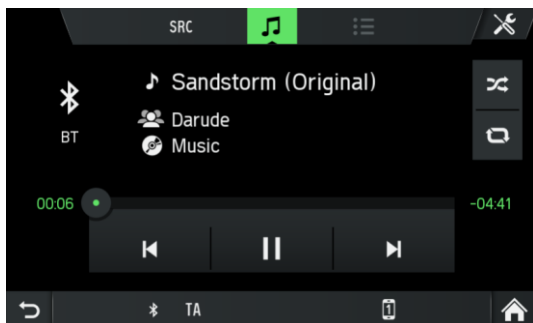
## BLUETOOTH MUSIC MODE

### Activating Bluetooth music mode

- Press the **MEDIA**  button.
- Tap on the **SRC** button.




- Select the **Bluetooth** button to activate Bluetooth music mode.
  - > The external audio source can now be operated via the infotainment system.




- Tap on .
- > Audio track is played.


Play the next audio track:

- Tap on .
- > The next audio track is played.


Play the previous audio track:

- Tap on .
- > The previous audio track is played.

Pause audio playback:

- Tap on .

Resume playback:

- Tap again on .

**Note**

Depending on the Bluetooth device, activation of Bluetooth music mode and control of playback may differ.

**Requirements**

The following requirements must be met to use the Bluetooth music mode of the infotainment system:

- The Bluetooth function of the infotainment system must be activated.
- The Bluetooth function of the external Bluetooth audio source must be activated (see user handbook for the Bluetooth device).
- Depending on the external Bluetooth audio source, it may be necessary to set the Bluetooth device to "visible", see user instructions of the Bluetooth device).
- The external Bluetooth audio source must be paired to the infotainment system.

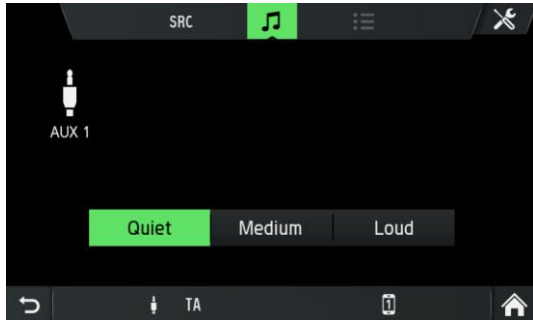
## AUX PORT

You can connect external audio sources at the AUX jack. Look at the vehicle documents to find the location of the AUX port.



### Note

- Not all vehicles have an AUX port.
- The AUX socket must always be kept clean and dry.
- For example, you can connect a portable CD player to the AUX input with a 3.5 mm plug.




The gain level is adjustable with 3 buttons:

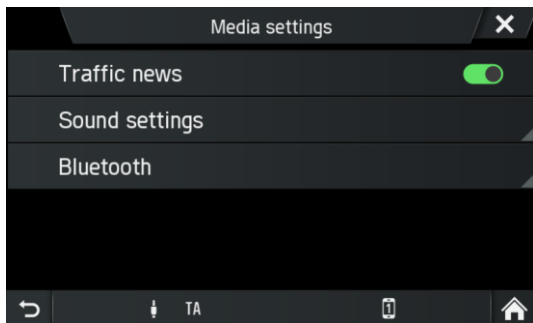
- Quiet
- Medium
- High

### Use

- Press the **MEDIA** ⑮ button.
  - Tap on the **SRC** button.
  - Select the **AUX 1** button to activate AUX mode.
    - > The audio signal from the connected audio source is now transmitted through the speakers of the infotainment system.
- The volume is controlled via left rotary encoder ⑫.

## MEDIA SETTINGS

- Press the **MEDIA** <sup>15</sup> button and tap on the icon .
- > The **Media settings** menu is displayed.



Following menu items are available:

- **Traffic news**

Enables or disables traffic announcements.

- **Sound settings**

SOUND SETTINGS Menu opens. For more details see chapter "Introduction", sub-chapter "*Sound settings*" on page 12.

- **Bluetooth**

BLUETOOTH Menu opens. For more details see chapter "Telephone\*", sub-chapter "Bluetooth connection" on page 42.



## TELEPHONE\*

*\*) Telephone and related settings are optional features for your device. Telephone function is also related to media streaming via Bluetooth.*



### Note

You can only connect Bluetooth mobile telephones to the infotainment system when a hands-free device is installed in the vehicle.

You can use your mobile telephone through the infotainment system. For this, the mobile telephone must be connected via Bluetooth to the infotainment system. If the Bluetooth connection is established between the infotainment system and the telephone, you can make calls using the microphone and the loudspeaker in the vehicle.



### Note

Some of the telephone features may not be supported. The supported functions depend on the telephone and the service provider. For more information about supported functions, see the operating manual of your mobile telephone.

## GENERAL INFORMATION



### Note

You should be familiar with the safety regulations and the instructions for your telephone before you use the telephone function.



### Traffic safety

The use of hands-free calling while driving can be dangerous because your attention is reduced during a telephone call. Park your vehicle before you use the hands-free function.



### Note

Follow the guidelines in areas where interference or other hazards can occur due to the mobile telephone.

## Bluetooth profiles

The Bluetooth profiles HFP 1.1, PBAP, A2DP, PAN, SPP and MAP are used in accordance with the Bluetooth standard. The Bluetooth telephone connection of the infotainment system is certified by the Bluetooth Special Interest Group (SIG). For more information about the information available on the Internet, go to the link: <http://www.bluetooth.com>.

## Bluetooth connection

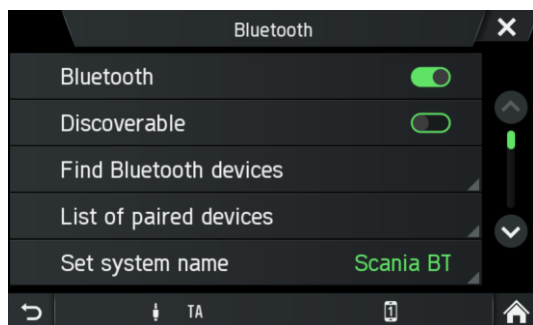
Bluetooth is a radio standard for the wireless connection of devices such as a smartphone or an MP3 player.

To establish a Bluetooth connection to the infotainment system, the Bluetooth function of the Bluetooth device must be activated and the Bluetooth device is set to visible (detection mode).

For more information on the required settings of the Bluetooth device, refer to the instructions of the Bluetooth device. You can connect the Bluetooth device and the infotainment system via the BLUETOOTH SETTINGS menu (PIN codes between the Bluetooth device and the telephone line exchange).

Perform the following steps to open the BLUETOOTH SETTINGS menu:

- Press the **SETUP** ⑦ button and tap on the icon .
- Tap on the menu item **Bluetooth**.
- > The BLUETOOTH SETTINGS menu is displayed.



Following menu items are available:

### - **Bluetooth**

Enable or disable Bluetooth for the head unit.

### - **Discoverable**

This menu entry makes the infotainment system listen to incoming pairing requests as long as the checkbox is switched to on. This checkbox has a countdown timer, which is counting down from 3:00 minutes.

### - **Find Bluetooth devices**

Searches for non-paired devices only. If Bluetooth devices are currently connected, they have to be disconnected while searching. A popup informs the user.

### - **List of paired devices**

This is a list of paired devices, each device is shown with its device name. The list is stored persistently in the head unit.

### - **Set system name**

This option allows setting the system name of the head unit. The current name is included in the menu entry. After selection of **Set system name** a keyboard is shown. As default text the current name is shown.

### - **Set PIN for pairing**

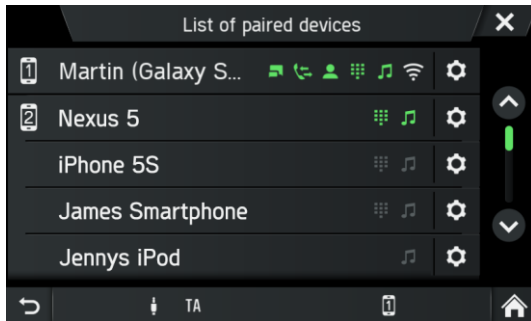
This option allows setting the 4 digit PIN which will be used for each pairing procedure. The current PIN is included in the menu entry. After selection of Set PIN for pairing a keyboard with numbers only is shown. As default text the current PIN is shown.


## Pairing a Bluetooth device

For details, see the chapter "Media", sub-chapter "Bluetooth audio connection", "Connecting a Bluetooth device" on page 36.

### Connection to another paired device

- Tap in the BLUETOOTH SETTINGS menu on **List of paired devices**.
  - > A list of all Bluetooth devices paired with the infotainment system is displayed.




- > The Bluetooth device currently connected to the infotainment system is displayed by the icon .
- Select the desired Bluetooth device.
  - > The selected Bluetooth device is connected to the infotainment system.
  - > A confirmation is displayed when the Bluetooth connection is successfully established.



#### Note

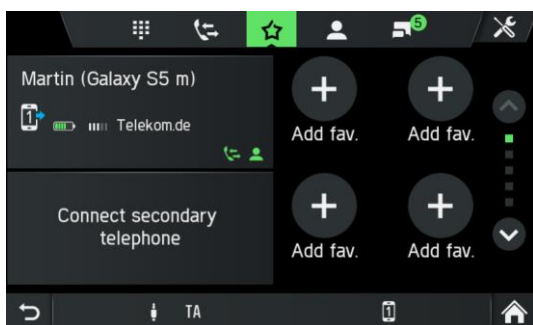
- If another Bluetooth device was previously connected to the infotainment system, it is now separated.
- There can be up to 2 Bluetooth devices connected to the infotainment system, regardless of whether they are audio streaming devices, mobile telephones or combination devices (e.g. mobile telephones with integrated MP3 player).
- If the Bluetooth connection fails, perform the pairing process again or read the instructions for the Bluetooth device.

## Handling of two telephones

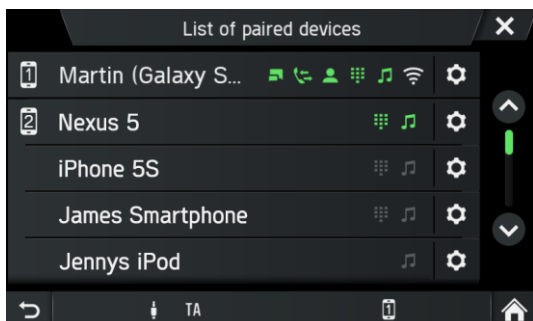
It is possible to connect 2 telephones at the same time. One is the primary telephone, one is the secondary telephone. The left side of the favourites tab shows information about the two telephones. Favourites, Call list, Phonebook and Messages will always come from the primary telephone. On Favourites tab, it is possible to swap (icon ) primary and secondary telephone.


On Favourites tab, it is also possible to select which telephone shall be used for outgoing calls when dialling from favourites, call lists, phonebook or messages. The blue arrow indicate which telephone is used for outgoing calls. On the keypad the required telephone can be directly selected to establish the call.

## Deleting a paired device



- Tap in the BLUETOOTH SETTINGS menu on **List of paired devices**.
- > A list of all Bluetooth devices paired with the infotainment system is displayed.



- Tap on  near the desired Bluetooth device.
- Tap on **Delete pairing**.
- Tap on **Yes** to confirm the deletion.
- > The device is deleted from the list of paired devices.

## EMERGENCY CALL



### Note

- Sometimes it is not possible to make an emergency call due to a weak signal. Therefore, you should not rely on the mobile telephone for essential calls (e.g. a medical emergency). On some networks, you need a valid, properly set up SIM card in the telephone. Under certain circumstances, emergency calls cannot be made via the mobile network. Sometimes emergency calls are not possible when certain network services and/or telephone functions are activated. For details, contact your network operator.
- The emergency number varies, depending on the region and country. Please ask for the correct emergency call number for the relevant region.

### Making an emergency call

- Select the emergency number (for example, 112).
- > You are connected to the emergency call centre.
- Inform service personnel about the emergency.

Do not hang up until you are prompted by the emergency call centre to do so.

## OPERATION

When the Bluetooth connection has been established, you can perform the functions in your telephone through the infotainment system.



### Note

You can use the mobile telephone in hands-free mode.

When the Bluetooth connection is established between the mobile telephone and the infotainment system, the mobile telephone data are sent to the infotainment system. This process may take some time. The period depends on the mobile telephone and the amount of data being sent. The operation of mobile telephones on the infotainment system may be restricted during this time.



### Note

Not all mobile telephones support the functions of the telephone connection.

## Control elements on the control panel

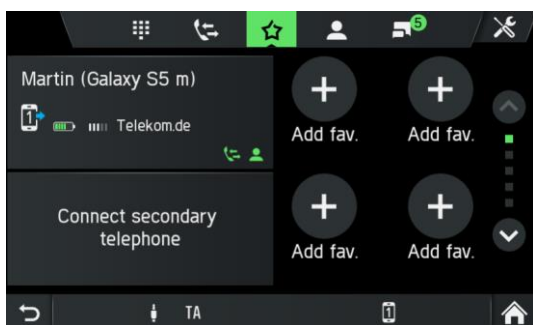
- Left rotary encoder ⑫ for volume control.
- The **TELEPHONE** ④ button displays the telephone menu.

## HANDS-FREE MODE

- Make sure that the Bluetooth feature is activated on the infotainment system.
- Make sure that the Bluetooth function is activated on the telephone (to activate Bluetooth, see instructions for use of the device).
- The mobile telephone must be set to "visible" (see instructions for the device).
- The mobile telephone must be connected to the infotainment system. For details, see the chapter "Media", sub-chapter "Bluetooth audio connection", "Connecting a Bluetooth device".

## Activate hands-free mode

- Press the **TELEPHONE** ④ button.
  - > The TELEPHONE menu is displayed.



### Note



If "No phone" continually appears, check whether Bluetooth is activated and the telephone is connected to the infotainment system. No phone will appear in favourites tab if only music service is active.

Tap  in list of paired devices to find out which service is active/passive.

- > The mobile telephone is now connected to the infotainment system via Bluetooth and the hands-free function is activated.




### Note

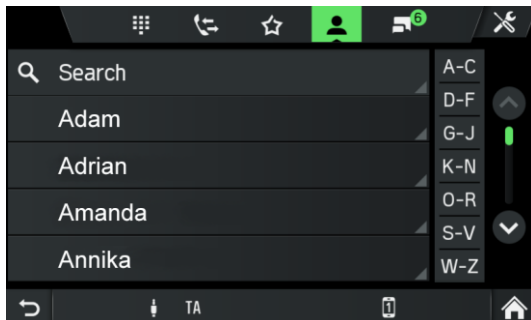
It might take a while before the Phone book and Call options are activated. This is because the data for the phone book and call lists are transmitted from the mobile telephone to the system.

## Using the phone book

The contacts in the phone book are stored with multiple telephone numbers (more than 5), address, notes and images.

To make a call using the phone book:

- Tap the  symbol in the telephone menu.
- > The PHONE BOOK menu is displayed.

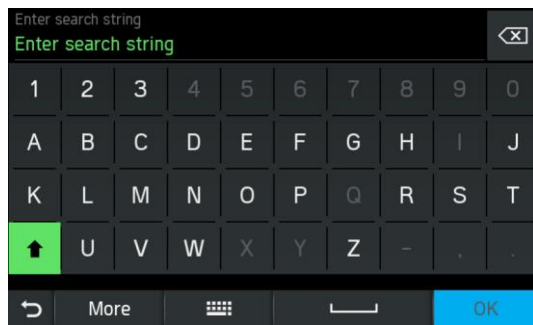


- Go through the list of phone book entries, and select the desired contact.
- > The telephone number/s of the selected contact is/are displayed.
- To initiate a call, select the desired telephone number.

## Search for a telephone number

If the phone book contains many entries, you can search for the desired contact using the search option.

- Tap on **Search** in the PHONE BOOK menu.
- > The SEARCH menu is displayed.



- To view all the entries that begin with a certain letter, enter the letter.



### Note

Tap on to delete an entry from display. The entry in your telephone is still existing.

## Using call lists

Incoming, outgoing and missed calls are recorded in the call list.

- Tap the symbol in the telephone menu.
- > The CALL LIST menu is displayed.
- To make a call, select the desired number from the list.

## Select a telephone number again

The last telephone number selected can be repeated.

- Tap the symbol in the telephone menu.
- The previously dialled telephone number is displayed as greyed out in the entry field.
- Tap on **Call**.
- > The displayed telephone number is selected.




### Note

Telephone numbers are not saved if the system is switched off or the mobile telephone is exchanged.




## Enter a telephone number


Tap on the icon  in the TELEPHONE menu.

> The following screen is displayed.



- To initiate a call, enter the desired telephone number.
  - Use icon  to delete incorrect entries.
  - Tap on **Call**.
- > The entered telephone number is dialled.

## Show matching contacts

If the user enters a number, matching contacts from the phonebook or favourites are shown with its contact name. The number of matching contacts is shown on the list button . This list is updated with every newly entered number.

As soon as the user selects a matching contact, a call to that contact is established.

## Access to the voice mailbox

Enter the telephone number of the connected mobile telephone by hand.

See chapter "Enter a telephone number" on page 49.

- Select the voicemail entry with the telephone number of the connected mobile telephone.



### Note

You may need to enter a voice mailbox passcode on the mobile telephone to access the voice mailbox.

## Incoming call

When a call is received in Audio mode (e.g. when the radio is on), the active audio source is muted and remains so until the call ends.

A message with the telephone number or name (if available) of the caller is displayed.

## Answering the call:

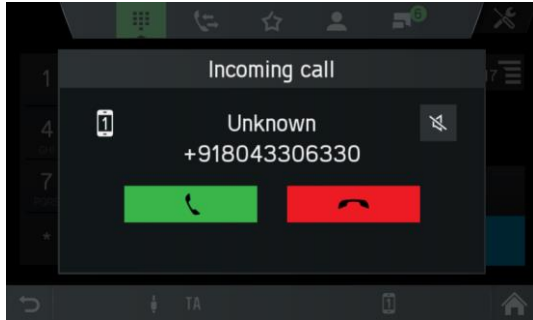
- Tap the green button  on the screen.

**Reject call:**

- Tap the red button  on the screen.

**A second incoming call**

If you receive a second call during an active call, a message with the telephone number or name (if available) is displayed.

**Note**

If your provider offers this service, you can hear call waiting for the second call.

To answer the second call and to end the first call:

- Tap the green button  on the screen.


To reject the second call and continue the first call:

- Tap the red button  on the screen.


## FUNCTIONS DURING THE CALL

The TELEPHONE menu is displayed during the current call.


### Temporarily deactivate hands-free mode

- Tap on icon 
- > The call can be continued only through the mobile telephone.

To return to hands-free mode,


- Tap again on icon .

### Temporarily deactivate the microphone

- Tap on icon .
- > The microphone is muted and the caller can no longer hear you.

To turn on the microphone again:

- Tap on icon  again.

If the microphone of the telephone system is deactivated, the icon  on the screen lights green.

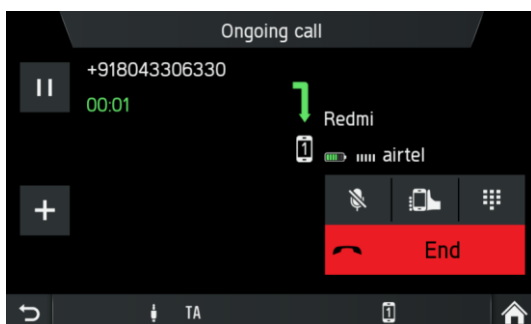




#### Note

If the ignition is switched off during a telephone call, the connection remains active until the end of the call.

### Add call - Teleconference

This option allows the user to dial a second number. It is possible to type a number, to select a contact from the phonebook or from the favourites list and to select a contact from call lists. The ongoing call is put on hold as soon as a new call is being established.



- In menu ONGOING CALL tap on the icon .
- > The Menu ADD A CALL appears.
- Select the desired option.
- Tap on **Call**.
- To merge the two active calls, tap on icon .

## Ending call

Select the red button  to end the call.

## PHONE BOOK SETUP

If you have connected a mobile telephone with the infotainment system, your mobile phone book with telephone numbers and names (if available) is downloaded to the infotainment system automatically.

Depending on how many numbers are in your phone book and the connected telephone, this may take several minutes.



As long as the mobile telephone is connected with the unit, the telephone numbers are stored continuously on the infotainment system.

If you save new phone book entries on your mobile telephone, you can transfer these to the infotainment system via TELEPHONE SETTINGS menu.

Each phone book entry (contact) can include a first and last name and more than 5 telephone numbers in different categories "Office", "Private", "Other" and "Mobile". The mobile phone book can contain some information that is not downloaded to the infotainment system.

You can store up to 2500 contacts.

## Update the phone book



- Press the **SETUP**  button.
- Tap on the icon .
- Tap on **Bluetooth**.
- Tap on **Update contact list**.
- > The data download from the connected mobile telephone begins.



### Note

Depending on how many numbers are in your phone book and the connected mobile telephone, this may take several minutes.

## Sort the phone book

- Press the **SETUP**  button.
- Tap on the icon .
- Tap on **Bluetooth**.
- Tap on **Phonebook sorting**.
- Choose one type of sorting.
- > The contact list is sorted.

## Phone book on the SIM / telephone memory

There are two different phone books on mobile telephones - the one on the SIM card and the other directly on the mobile telephone.



### Note

For details, see the instructions of your mobile telephone.

Both phone books of the connected mobile telephone are downloaded to the infotainment system.

You can display the entries of both downloaded phone books (which is available).





### Note



Some mobile telephones do not allow access to the phone book of the SIM card and/or the mobile telephone.

## Add favourites

You can add 20 contacts from the phone book as favourites.

- Press the **TELEPHONE** ④ button.
- Tap on .
- Tap on  **Add fav..**
  - > The PHONE BOOK menu is displayed.
- Select a contact from the phone book.
- The selected contact is added as a favourite.

## Delete favourites

- Press the **TELEPHONE** ④ button.
- Tap on .
- Select a favourite.
  - > The contact is displayed.
- Tap on the icon .
- Confirm the security query with **Confirm**.
  - > The favourite is deleted.

## Display text messages



### Note

This function is not provided by every mobile telephone.

- Press the **TELEPHONE** ④ button.
- Tap on .
- > The TEXT MESSAGES menu is displayed.
- Select a text message from the list.
- > The text message is displayed.





### Note

You can call the sender from a displayed text message.

- Tap on **Call**.

## Read text messages

- Press the **TELEPHONE** ④ button.
- Tap on .
- > The TEXT MESSAGES menu is displayed.
- Select a text message from the list.
- > The text message is displayed.
- Tap on the icon .
- > Text message is read out.

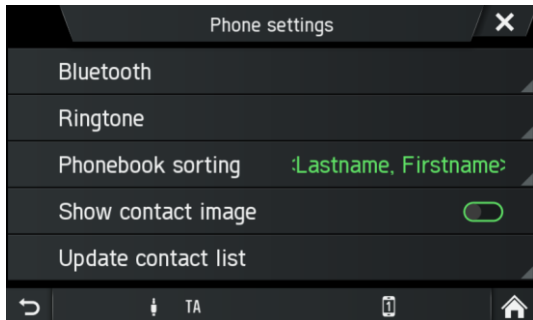
## TELEPHONE SETTINGS



### Note

The TELEPHONE SETTINGS menu is only available if a Bluetooth device is connected to the infotainment system.

- Press the **TELEPHONE** ④ button and tap on the icon .
- > The TELEPHONE SETTINGS menu is displayed.



Following menu items are available:

#### - **Bluetooth**

BLUETOOTH SETTINGS menu opens. For more details see chapter "Telephone\*", sub-chapter "Bluetooth connection" on page 42.

#### - **Ringtone**

For both primary and secondary telephone, the user can select between the telephone's ringtone or 3 ringtones available on the infotainment system and you can adjust the ringtone volume. Default for the ringtones is telephone's ringtone for both.

#### - **Phonebook sorting**

Select between the sorting options "Firstname, Lastname " and "Lastname, Firstname"

#### - **Show contact image**

Enables or disables a deposited image for a contact. If function is turned off, for all screens a placeholder graphic is shown instead of contact images.

#### - **Update contact list**

Allows starting the update of the phone book of the connected telephone manually. Update contact list is greyed out as long as the infotainment system is not ready for phone book download (sync not finished).

## NAVIGATION\*

*\*) Available functionality of the navigation system is dependent on the map data content and may differ on the respective region.*



### **Traffic safety**

The infotainment system is designed for use in commercial vehicles. Specifications that are required for route guidance of commercial vehicles, such as height restrictions or maximum permissible loads, are considered in the route calculations, to the extent that these specifications are stored in the navigation data.

- Pay attention to restrictions in road traffic at all times during the trip, even if you follow the recommendations of the driving unit. The information stored in the navigation data may be incorrect, incomplete or outdated.
- Only use current navigation SD cards that contain relevant information for commercial vehicles for updating the navigation data.
- The map data to the SD card are sometimes not up to date - some roads are not included or names and addresses differ from those that were in use at the time of card production.
- Make sure that the characteristics of your vehicle and the current load are always completely stored in the infotainment system in order to avoid the calculation of unsuitable or dangerous routes.
- The use of the navigation system does not release the driver of responsible and proper driving behavior. You must always follow the relevant traffic rules. If the navigation instructions do not correspond to traffic rules, always observe traffic rules first.

## **FUNCTIONS OF THE NAVIGATION SYSTEM**

The system reliably leads you to your desired destinations, even if you are not familiar with the local area.

The orientation and movement of the vehicle is detected by several sensors. The reception is based on GPS but will also work under poor signal conditions (e.g. inside a tunnel) due to used dead reckoning mechanisms. Depending on environment conditions in individual cases the reception could be too poor to detect the current location correctly. After entering the destination address or a contact point (e.g. nearest petrol station, hotel, etc.), the route is calculated from the current location to the selected destination. The navigation system provides voice- and textual guidance including direction arrows on the map colour display.

## **TRAFFIC INFORMATION SYSTEM AND DYNAMIC NAVIGATION**

The system is capable to receive traffic information available by TMC and TPEG broadcasting radio stations (available with optional DAB radio function). TMC and/or TPEG coverage is available in selected countries.

Traffic information is displayed detailed in the menu TRAFFIC and as icons in the navigation map. If dynamic rerouting is active the system takes on-route traffic information into route calculation depending on selected criteria and traffic information type.

See also chapter "Traffic information Menu\*" on page 88 for further options.



## Advantages of TMC/TPEG

- Stress reduction and time saving
- Money saving through more efficiency
- Less impact on environment with more efficient driving
- Daily benefit of navigation system, also on familiar roads
- Safety increase through SRTI (Safety Related Traffic Information)
- Weather alerts e.g. strong side wind

## Current coverage

### - DAB TPEG:

Germany, Belgium, Italy, The Netherlands, Luxembourg, Norway

### - RDS TMC Premium:

Bulgaria, Ireland, Finland, France, United Kingdom, Greece, Croatia, Hungary, Italy, Poland, Portugal, Romania, Slovenia, Sweden, Turkey

### - Public TMC Services:

Austria, Czech Republic, Denmark, Spain, Switzerland.

The coverage of TMC/TPEG is increasing permanently.

## MAP DATA

The map data is stored on a SD-card delivered with the navigation system. You can update the maps by using the updater found under <http://scania.com/maps>.



### Note



- 5-year subscription for SCANIA Map Updater is included.  
Visit <http://scania.com/maps> for more information.
- Map data of additional regions are commercially available.

- Use SD slot 1 ② for the SD card with map data.


## INFORMATION ON THE MAP DISPLAY

If the navigation system is activated, the following information is displayed:



- Ⓐ Switch to open the menu MAP OPTIONS
- Ⓑ Destination/ next stopover
- Ⓒ Remaining distance to the destination/ next stopover
- Ⓓ Estimated time of arrival or remaining travel time to destination/ next stopover. Tap the time display to toggle between the arrival time and the remaining travel time.
- Ⓔ Button for navigation settings
- Ⓕ Specific POIs, e.g. petrol stations, car parks or restaurants, are shown by the corresponding icons. Several POIs at one place are identified by the following icon. If you tap the icon  and then the icon , the corresponding POIs are displayed in a list.
- Ⓖ Current vehicle position
- Ⓗ Compass  
Red arrow pointing to the north.  
Adjustment and display of the map view: 2D, 2,5D or 3D
- Ⓘ The currently selected map scale
  - To change the scale on the map, rotate the right rotary encoder ⑨ or use the touch screen.  
Pinch gesture:  
Touch surface with 2 fingers and bring them closer together.  
Spread gesture:  
Touch surface with 2 fingers and move them apart.
  - When the auto-zoom mode is activated, the map scale is adjusted automatically by the navigation system (increases/decreases).
- Ⓙ Lane recommendation  
Shows all lanes of the current street. The lanes you must take to follow the calculated route are shaded in blue.
- Ⓚ Button to open the ROUTE OVERVIEW menu  
The **Route Overview** button opens a screen which shows the entire route on the map. This screen is zoomable and scrollable. Pressing the **Resume** button goes back to the normal map view.

Ⓛ Status of the currently travelled road for your vehicle

Icon	Status
	Commercial vehicle-specific information on the road not available! Please watch street, no warning will be shown for vehicle profile violation!

Ⓜ Route

Displays the calculated route in map.

A black and white chequered flag appears in map when the destination is in vicinity to the current position:


- as button below to orientate to the destination on the map.
- on the semi-transparent top bar as a part of the turn by turn navigation guidance when the destination is reached.
- A way point is indicated by a red chequered flag.
- Traffic accidents such as jams are indicated by their corresponding icon.  
A route section marked black on the map.

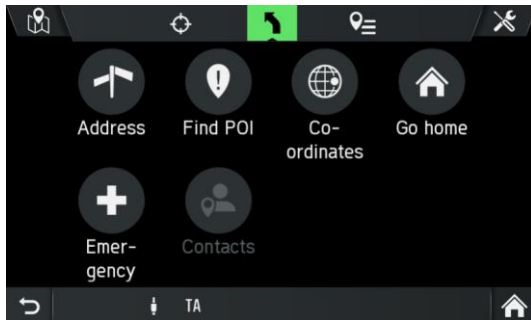
Ⓝ Directional arrow and distance to the next manoeuvre and the next road name.  
Tapping onto arrow repeats last manoeuver voice guidance.

## NAVI BUTTON AND MENU NAVIGATION

- Press on the **NAVI** <sup>(13)</sup> button to open the Navigation Screen.
  - > The Navigation Screen provides access to all navigation system functions for destination entry and navigation.

### Destination entry

- Tap on the icon .
- > The following screen is displayed:



The following menu options are available:

- Address
- Find POI (e.g. petrol stations, car parks etc.)
- Coordinates
- Go home
- Emergency
- Contacts (if mobile telephone with valid contacts is connected to the infotainment system)

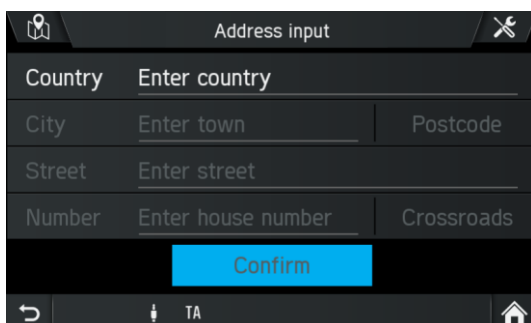


#### Note

If navigation to a destination is already active, you can add up to 9 additional stopovers, replace the destination or change the order of the destination/stopovers.

### Enter address

- Tap on **Address**.
  - > The ADDRESS ENTRY menu is displayed.

The screenshot shows the 'Address input' screen. It has a title bar with a location icon, the text 'Address input', and a close icon. Below the title bar, there are several input fields: 'Country' with a placeholder 'Enter country', 'City' with a placeholder 'Enter town' and a 'Postcode' field, 'Street' with a placeholder 'Enter street', and 'Number' with a placeholder 'Enter house number' and a 'Crossroads' field. At the bottom, there is a large blue button labeled 'Confirm'. The bottom navigation bar is identical to the one in the previous screenshot.

- Fill in all address fields using the letter keys.



### Note

The navigation system only displays the letters which are possible to use for destination input. If there are different keyboard pages available for additional/ special letter, they are selectable by using the lower page selection button (e.g. 1/4, 2/4 etc.).

It also predicts the input and simplifies input by interpreting for example an o input as ö and a as å or ä, dependent on available possible input.

Use icon  to delete incorrect entries.



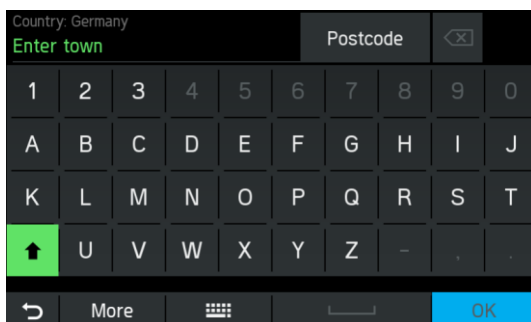
### Note

Possible destinations are proposed directly when you make entries. Tap **OK** to select the proposal directly.

If there are limited possible destinations, the suggestions are displayed directly in a list.

Use one of the following entry sequences:

- Tap on **Country**.
- Enter the desired country name.
- Tap on **City** or **Postcode**.
- Enter the city name or postcode of the destination.



- Tap on **Street**.
- Enter the name of the destination street.



### Note

If you do not enter any characters in the street name, you can skip the address input.

- Tap on **Skip**.
- > The destination is then set to the city centre.

- Enter the desired house number or intersection.

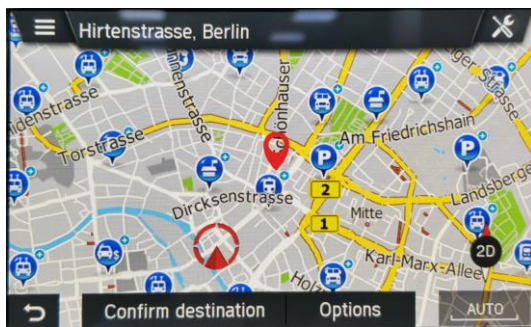


### Note

If you do not enter a house number, you can skip the address input.

- Tap on **Skip**.
- > The destination is then set to the middle of the selected street.

- > The navigation system displays a map view of the area around the address previously entered.  
A red marker indicates the new destination.

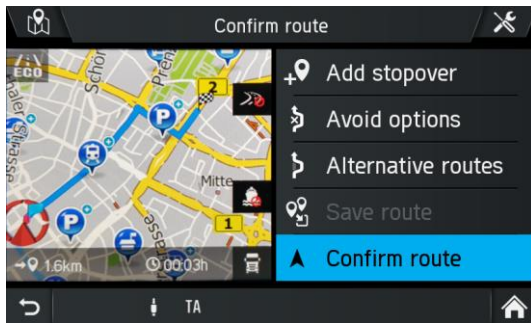


### Note

- You can zoom and pan in the map view.
- Tap **Options** to open the DESTINATION OPTIONS menu. The address entered is again displayed here. You also have the following options:
  - Save destination
  - Set as home address

- Tap on **Confirm destination**.
- > The CONFIRM ROUTE menu appears and displays the route.  
A black and white chequered flag indicates the new destination.
- Tap on **Confirm route**.
- > The route is calculated and the route guidance will be started.

## Confirm route menu



The following informations are available in this map area.

- Distance to destination
- Estimated time to destination
- Route avoidance options
- Icon for the actual selected route type (Eco route, fast route or short route)
- Vehicle profile options

The following options are available:

- **Add stopover**

Tap this option to add a stopover.

- **Avoid options**

Use this menu to avoid or use certain roads (highways, toll roads or ferries) in navigation. See “Avoid options” on page 77.


- **Alternative routes**

Use this menu to calculate alternative routes (most economical route, shortest route or fastest route). See “Alternative route” on page 64.


- **Save route**

This feature is available if you have added at least one stopover.

You can freely assign the names of the routes. You can save up to 20 routes.

You can retrieve saved routes in the NAVIGATION menu by tapping on the  symbol.

- **Vehicle profile options**

Tap on the icon  to open the vehicle profile options. See “Vehicle profiles” on page 75.

- **Confirm route**

Tap a route item to start route guidance.

## Destination and POI Options



### Note

POI Options are enabled, if the address of the destination is assigned as POI.

- Tap in menu CONFIRM DESTINATION on **Options**.
  - > Destination or POI Options are shown.



### - **Save destination**

Tap this option to save the displayed destination data in the saved destinations.

### - **Set as home address**

Tap this option to save the displayed destination as home address.

### - **Phone number/ Call POI**

Tap on the telephone number to make an outgoing telephone call to the POI.



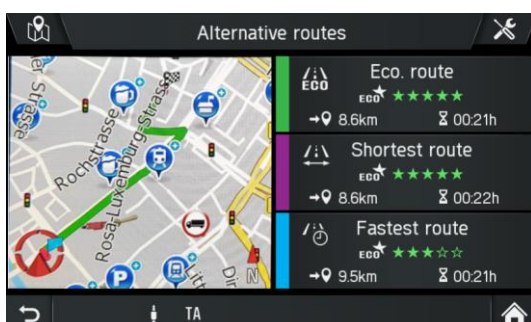
### Note

Only if a mobile telephone is connected to the infotainment system via Bluetooth and the POI is equipped with a telephone number.

## Alternative route

Use this menu to calculate alternative routes (Eco route, Shortest route or Fastest Route).

- Insert the destination address, see Destination entry
- Tap on **Confirm destination**.
  - > The CONFIRM route menu appears and displays the route.
- Tap on **Alternative route**.
  - > Alternative routes are calculated.








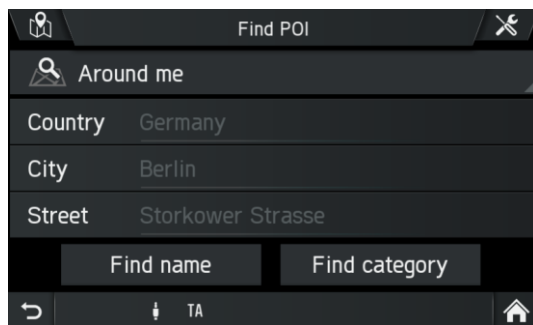
## Notes

- Every alternative route is displayed with a star rating, a distance and driving time. The highest rated route is the one with the lowest fuel consumption.
- The map displays the overview of the alternative routes with the colour of the different route types.

- Tap on the desired alternative route (**Eco route, Shortest route or Fastest route**).
- The route guidance is started.

## POI - Point of Interest

- In Navigation Screen press the **NAVI** <sup>13</sup> button and tap on the icon .
- Tap on **Find POI**.
- > Menu FIND POI is displayed.



### - **Around me**

Displays POIs around your current position.

### - **Near address**

Use this option to display POIs near an entered address.

### - **Near destination**

Use this option to display POIs near the destination.

### - **Along route**

If route guidance is active this option becomes visible. Displays POIs along current route.

- Choose if you want to search the POI by name (text input) or category (Regular POIs, Truck POIs, Dealers).

- **Regular POIs**

Use this option to display regular POIs (e.g. parking, night stop, restaurants etc.).

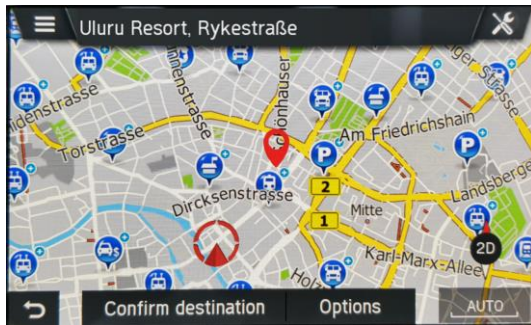
- **Truck POIs**

Use this option to display truck specific POIs (e.g. truck parkings, truck repair shops, petrol/gasoline stations etc.).

- **Dealers**


Use this option to display dealer specific POIs.

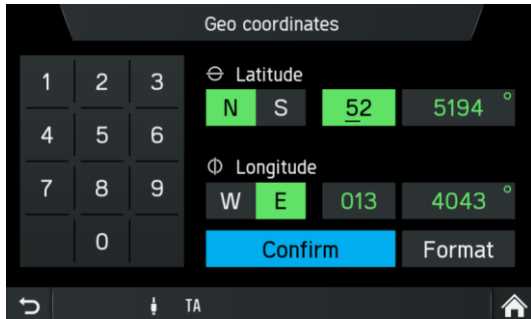
- > POIs will be displayed in Menu POI RESULTS.
- Tap on **By Name** or **By Distance** to sort the determined POIs.
- Select POI from the list.
- > The navigation system displays a map view of the area around the previously entered address.  
A red marker indicates the new destination.  
The information bar contains the POI name, street name and city of the destination.



- Tap on **Confirm Destination**.
- > The route is calculated.

## Geo Coordinates

- In Navigation Screen press the **NAVI** ⑬ button and tap on the icon .
- > The menu **DESTINATION INPUT** is displayed.
- Tap on **Coordinates**



### Note


Tap on **Format** to choose between DMS and decimal input.

- Insert the geo coordinates (Latitude and Longitude) via numeric keypad.
- Press **Confirm**.
- > Street name and city name will be shown on screen if the entered geo coordinates are matched to these.


## Home address

You can use this option to save your own address and/or select the already stored home address as a new destination.

### Create home address

- In Navigation Screen press the **NAVI** <sup>⑬</sup> button and tap on the icon .
- > The menu DESTINATION INPUT is displayed.
- Tap on **Go Home**.
- Confirm the security query with **Yes**.
- > The **Add destination** menu is displayed.
- Enter an address or select a destination.
- > Home address is created.

### Enter and select the home address

- In Navigation Screen press the **NAVI** <sup>⑬</sup> button and tap on the icon .
- > The Destination input menu is displayed.
- Tap on **Go Home**.
- > The current home address or GPS coordinates are displayed in CONFIRM DESTINATION screen.




#### Note

If no home address has been previously set, the address field in the menu remains blank.

## Emergency

This menu entry consists of an information area and the selectable Hospital and Police station search. The information area shows the current location (country, city, current street name and geo coordinates).

- In Navigation Screen press the **NAVI** <sup>⑬</sup> button and tap on the icon .
- > The menu DESTINATION INPUT is displayed.
- Tap on **Emergency**.
- > The menu EMERGENCY is displayed.
- Tap on **Hospital** or **Police station**.
- > A list of the nearest Hospital or Police stations is shown.
- Select a list item.
- > The confirm destination screen is shown.


## Contacts



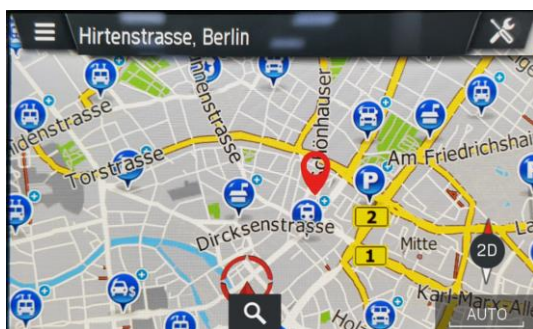
### Note

Only if a mobile telephone is connected to the infotainment system via Bluetooth and contains contact address data in a valid format. Please note the following information:


- The address in the mobile telephone must have separate fields for Country, City, Street and Postcode.
- At least the following fields must be filled: Country, City or Postcode and Street.
- Don't use abbreviations like Rd instead of Road or Str. instead of Street.
- The name of the country must be entered in the same language as set in the infotainment system. E.g., Sweden if the used language is English or Sverige if the used language is Swedish.
- E.g., a correct address-format if language is set to English:  
Granparksvägen 10                      (Street + House number)  
151 48 Södertälje                      (Postal code and / or City)  
Sweden                                      (Country name)

- In Navigation Screen press the **NAVI** <sup>13</sup> button and tap on the icon .
- > The menu **DESTINATION INPUT** is displayed.
- Tap on **Contacts**.
- > Contact list of your mobile telephone is shown together with address information.
- Select one contact.
- > Street name and city name will be shown on screen.

## SEARCH IN MAP



If no route guidance is active:

- Tap on  button to start a free text search for a destination.
- Enter and confirm the search text (e.g. "electronics").
- > The infotainment system starts searching for possible matches in the navigation database.
- > The results will be shown in as list entries as soon as they are found.

## SELECT A POINT ON MAP

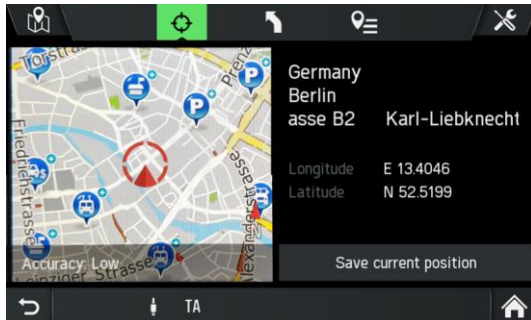
If no route guidance is active:

- Select any point in map by touching the desired destination for 2 seconds.
  - > The map gets centred to this position.
  - > The confirm destination screen for the selected position is shown.

## Display location information


Select this option to display the address/GPS coordinates of the current position.

- Press on the **NAVI** <sup>13</sup> button and tap on the icon .

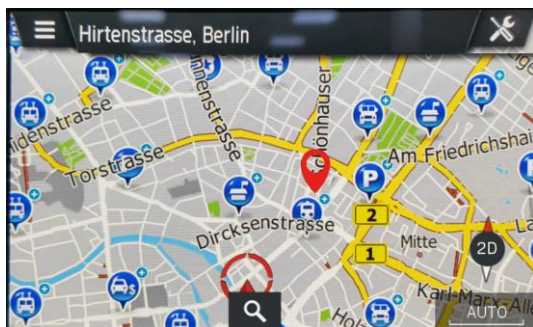


## Save position information


Select this option to store the address/GPS coordinates of your current position.

- Press the **NAVI** <sup>13</sup> button.
- Tap on the icon .
- Tap on **Save current position**.

## Map view when route guidance is inactive




The following elements are shown on the map when no route guidance is active:

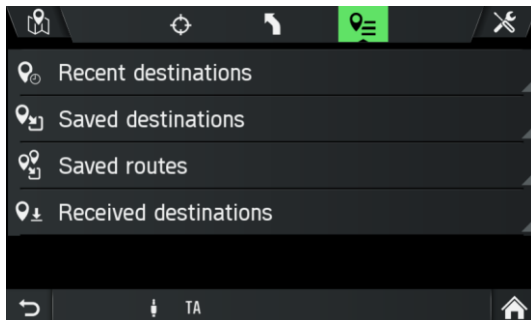
- Name of the current street
-  button: Search for cities, streets and POIs next to the entered search keyword
- An icon representing the current map view, the icon works as a compass for heading up map views
- An icon representing the current zoom level.

## RECENT DESTINATIONS

Use this option to display a list of destinations that you have previously used for navigation. You can select an entry from the list and set it as a new destination.

### Selecting a previous destination

- In Navigation Screen press the **NAVI** <sup>⑬</sup> button.
- Tap on the icon .




- Tap on **Recent destinations** (route).
  - > The list of previous navigation destinations is displayed.

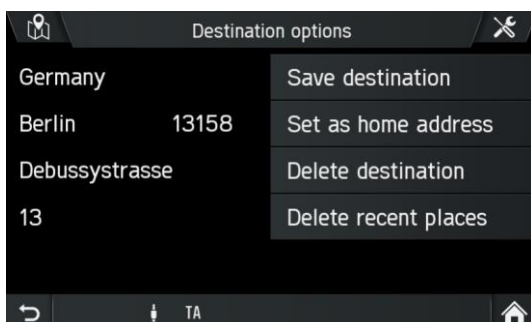


#### Note

Up to 20 recent destinations are stored automatically. If more than 20 destinations are stored, the oldest will be deleted from the list and the newest is added automatically.

- Select the icon  from behind a previous destination.

The following menu options are available:



#### - **Save destination**

Tap this option to save the displayed destination data in the address book.

#### - **Set as home address**

Tap this option to save the displayed destination as home address.


#### - **Delete destination**

Tap on this option to delete the displayed destination from the list of previous destinations.

#### - **Delete recent places**

Tap this option to delete the entire list of previous destinations.

## SAVED DESTINATIONS


- In Navigation Screen press the **NAVI** <sup>(13)</sup> button.
- Tap on the icon .
- > The NAVIGATION menu is displayed.
- Tap on **Saved destinations**.
- > The list of saved destinations is displayed.



### Note

It is possible to store 20 destinations per user (driver ID). 100 different users are supported. Also the last 20 destinations are stored per user.

## SAVED ROUTES


- In Navigation Screen press the **NAVI** <sup>(13)</sup> button.
- Tap on the icon .
- > The NAVIGATION menu is displayed.
- Tap on **Saved routes**.
- The list of saved routes is displayed.



### Note

It is possible to store 20 routes with 9 stop-overs per user (driver ID).

## RECEIVED DESTINATIONS

- In Navigation Screen press the **NAVI** <sup>(13)</sup> button.
- Tap on the icon .
- > The NAVIGATION menu is displayed.
- Tap on **Received destinations**.



### Note


The navigation system receives text, address and geo coordinates. Depending if address is available the list entry shows either the address or the geo coordinates. If a text string is available for the address or geo coordinates, this will be shown on the left side of the destination options screen.

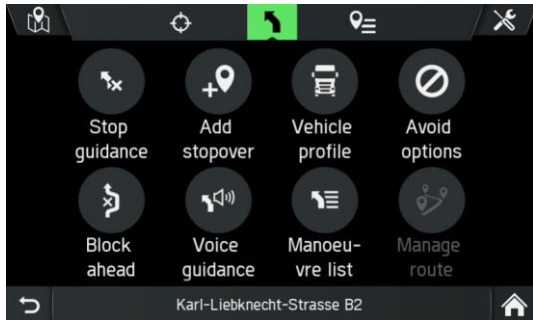
- Press list item.
- > The navigation system displays a map view of the area around the address previously entered.



## OPTIONS WHILST ROUTE GUIDANCE

Use this option to adjust the settings for route calculation / recalculation and navigation.

- Press the **NAVI** <sup>13</sup> button during a currently running route.
- Tap on the icon .
- > The **ROUTE OPTIONS** menu is displayed.



The following menu options are available:

### - **Stop guidance**

Tap on this option to cancel the current route guidance or remove stopover from route.

### - **Add stopover**

Tap on this option to add a stopover or a new destination.

### - **Vehicle Profile**

Tap on this option to display, select and edit different vehicle profiles.

### - **Avoid options**

Tap on this option to avoid or use certain roads (motorways, toll roads, ferries) during navigation.

### - **Block ahead**

Tap on this option to exclude a defined length of the road in front of the vehicle.

### - **Voice Guidance**

Tap on this option to turn voice guidance on and off.

### - **Manoeuvre list**

Tap this option to display all the roads on the calculated route.

### - **Manage route**

Tap on this option to manage the destinations if at least one stopover has been entered.

## Stop guidance

Use this option to stop current navigation.

If an additional stopover is currently set for navigation, you might receive the following message:

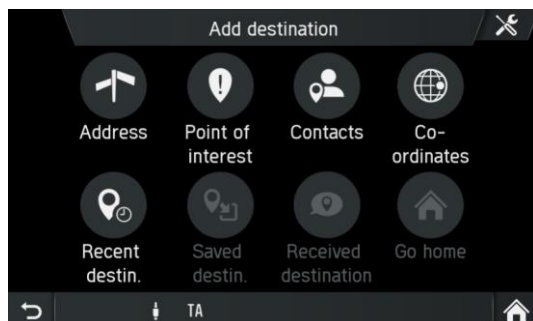
- Should navigation be cancelled to the stopover and to the final destination, or
- only to the stopover.




### Note

If you only want to cancel navigation to a stopover, the navigation system recalculates the route automatically to get you to your final destination.

## Add stopover



- Press the **NAVI** <sup>⑬</sup> button during a running route.
- Tap on the icon .
- > The **ROUTE OPTIONS** menu is displayed.
- Tap on **Add stopover**
- Enter a stopover by address or select other option to add a stopover.
- > Menu **ADD STOPOVER IS SHOWN**.
- Choose if the new destination shall be added as first destination, as final destination or replace the current route.
- > The route is calculated.
- > Menu **CONFIRM ROUTE** is shown.
- > A yellow flag indicates stopovers.
- Tap on **Confirm route** to start the route guidance



### Note

It is possible to have up to 9 stop-overs per in one route.

## Vehicle profiles

The navigation system is adapted to heavy vehicles. The vehicle profiles can be changed all the time, even during active route guidance.

You can store the characteristics of different vehicle combinations in up to 4 different profiles (e.g. with and without a trailer or with specific hazardous load).

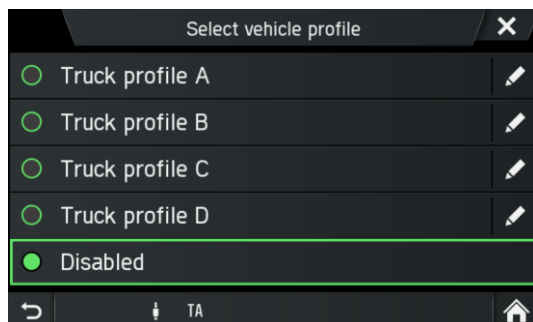
Based upon these characteristics the navigation system will calculate the best possible route.



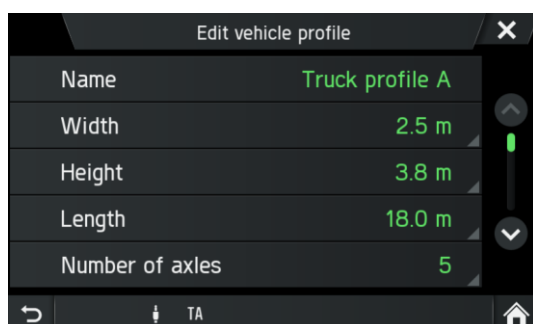
### Note

Even if navigation system tries to avoid using roads which mismatch the characteristics, it cannot be guaranteed that these routes are not taken into the route. The driver is responsible to obey local traffic regulations.

- Press the **SETUP** ⑦ button and tap on the icon
- Tap on **Navigation and traffic**.
- Tap on **Vehicle profiles**.



- Select a profile.
- Tap on the icon to edit it.
- > The vehicle profile to be edited is opened.



### Note

Settings have to be confirmed by Button ⑧ or icon - otherwise they will not be stored.

The navigation system is adapted to heavy vehicles. Therefore the supported navigation map data is equipped with truck related given street limitations.

- Set the following vehicle properties:  
Width (e.g. narrow streets)  
Height (e.g. bridges)  
Length  
Number of axles  
1-Axle weight  
Current weight  
Max. weight  
Trailer  
Hazardous load (classes)  
Tunnel restrictions

Vehicle profiles can be changed all the time, even during active route guidance. You can store the characteristics of different vehicle combinations in up to 4 different profiles (e.g. with and without a trailer or with specific hazardous load). Based upon these characteristics the navigation system will calculate the best possible route. Please be aware that the driver has to obey local traffic regulations.

Following countries are covered with vehicle attributes which are taken into route calculation (no liability assumed):

#### **Europe:**

Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

#### **Middle East:**

Iraq, Oman, Qatar, Saudi Arabia, Turkey, United Arab Emirates

#### **Africa:**

Algeria, Egypt, Kenya, Morocco, Namibia, South Africa, Tunisia

#### **Asia:**

Brunei, Hong Kong, India, Indonesia, Malaysia, Singapore, Thailand

#### **South America:**

Argentina, Brazil, Chile

#### **Oceania:**

Australia, New Zealand

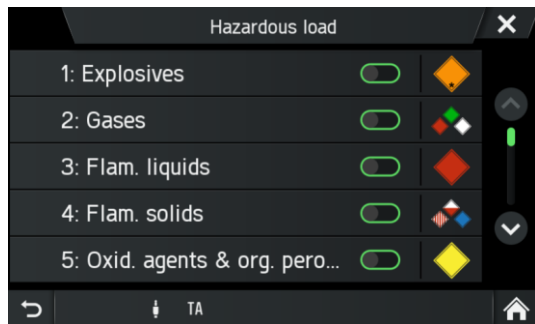


#### **Note**

You can also find the vehicle characteristics in the NAVIGATION menu under the settings icon > **Vehicle profiles**.

#### **Hazardous Load**

In the menu HAZARDOUS LOAD you can select hazardous material by classes.




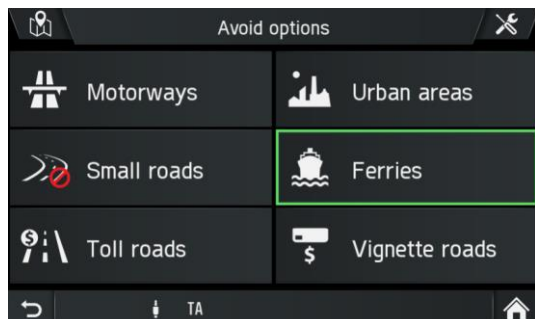
Tapping an icon opens a description of the respective hazardous material class. If your vehicle carries hazardous loads, activate the respective checkboxes. It is possible to activate more than one class if several hazardous loads are transported.

- When hazardous goods are loaded, select the respective check box/es.

### Avoid options

Use this menu to avoid certain areas or road segments.

- Press the **NAVI** <sup>13</sup> button during a running route.
- Tap on the icon .
- > The ROUTE OPTIONS menu is displayed.
- Tap on ***Avoid options.***
- > The AVOID OPTIONS menu is displayed.



The following avoid options are available:

- Motorways
- Urban areas
- Small roads
- Ferries
- Toll roads
- Vignette roads



### Note

Toll and vignette roads are a form of road pricing for vehicles additionally to the road tax.

- Toll roads: Road pricing calculated on distance travelled
- Vignette: Permission for using roads for a certain period of time





### Note

Sometimes (depending on the route) it is not possible to match every set truck profile and avoid option. You will be informed about with a vehicle attribute warning screen. You always need to obey given local traffic regulations.

- Select the desired avoidances.
- > The selected avoidances are each indicated by a red prohibition sign.




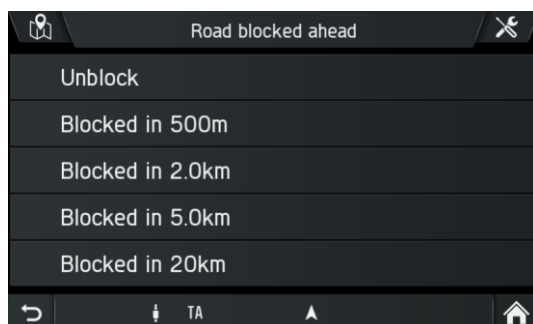
### Note

Settings have to be confirmed by Button  ⑧ or icon  - otherwise they will not be stored.

## Block ahead

Use this menu to exclude selected roads in a section of the guidance.

- Press the **NAVI** ⑬ button during a currently running route.
- Tap on the icon .
- > The ROUTE OPTIONS menu is displayed.
- Tap on **Block ahead**
- > The menu BLOCK ROUTE SECTION is displayed.



The following menu options are available:

- Unblock
  - Blocked in 500 m
  - Blocked in 2.0 km
  - Blocked in 5.0 km
  - Blocked in 20 km
- Select an option.

- > The route is recalculated.




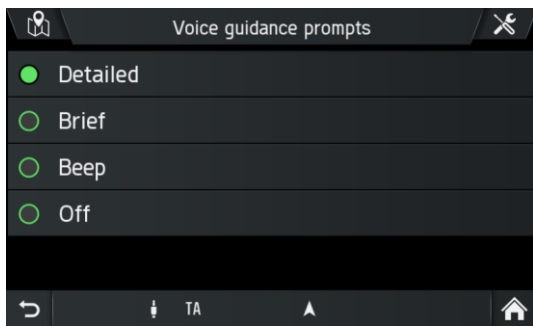
### Note

A blocked route will be marked in the map. After the blocked route has been detoured, the block road function will be deactivated automatically.

## Voice guidance

Use this menu to turn the voice guidance on and off.


- Press the **NAVI** ⑬ button during a running route.
- Tap on the icon .
- > The ROUTE OPTIONS menu is displayed.
- Tap on **Voice guidance**.
- > The VOICE GUIDANCE menu is displayed.

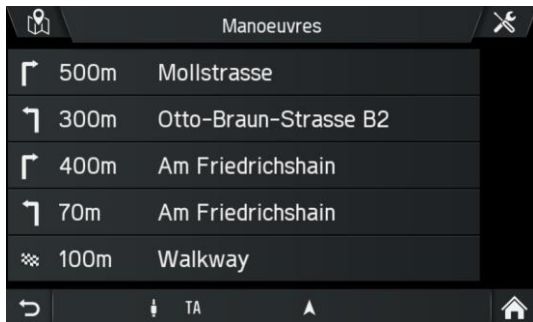


The following menu options are available:

- Detailed
- Brief
- Beep
- Off

## Manoeuvre list

- In Navigation Screen press the **NAVI** <sup>⑬</sup> button.
- Tap on the icon .
- > The ROUTE OPTIONS menu is displayed.
- Tap on **Manoeuvre list**.
- > The Manoeuvre list is displayed.



The Manoeuvre list displays all manoeuvres in the calculated route, starting from the current location.

The following information can be displayed in the list:

- Name of street, motorway or slip road
- Directional arrow or motorway symbol
- Border crossings
- Distance to next manoeuvre on the route

### Show in map or avoid manoeuvre

- Tap on the list entry in the Manoeuvre List which you want to see in the map or avoid.
- Select the desired option in the popup.
- Tap on **Avoid street**.
- > The route will be recalculated avoiding the selected street.
- Tap on **Show in Map**.
- > The selected list entry will be displayed in the navigation map.



## Manage route




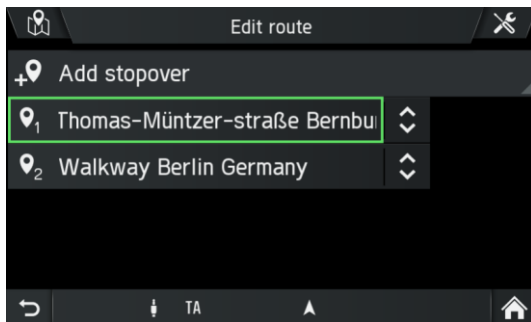
### Note


Manage Route is enabled if you have entered more than one destination.

Use this menu to manage your route, for example, to change the order of your destinations on your route.


This option shows you a list with all stopovers and the final destination.

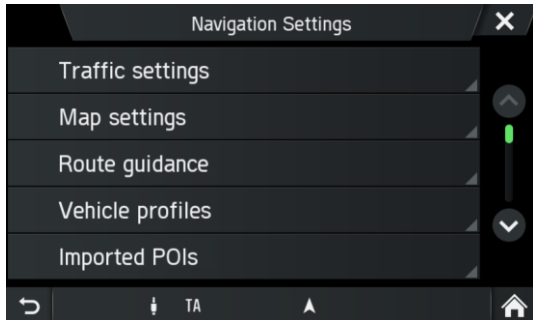
- Press the **NAVI** <sup>13</sup> button during a currently running route.
- Tap on the icon .
- > The ROUTE OPTIONS menu is displayed.
- Tap on **Manage route**.
- > The menu EDIT ROUTE is displayed.



- Tap the arrow keys to the right of the stopovers.
- > Arrow buttons show up to move the list entries (stopovers) up or down in the list.
- Change the sequence of the list entries by tapping on the **Arrow** buttons.
- Tap on the icon  to go back to the route guidance.
- > The route will be recalculated.

## SETUP BUTTON AND MENU NAVIGATION AND TRAFFIC

- Press on the **SETUP** ⑦ button to open the SETTINGS menu.
- Tap on the icon .
- Tap on **Navigation and Traffic**.
- > The NAVIGATION SETTINGS menu is displayed.



The NAVIGATION SETTINGS menu offers several settings for adjusting the navigation system.

The following settings/options are available:

- Traffic settings
- Map settings
- Route guidance
- Vehicle profiles
- Imported POIs
- Map version

### Traffic Settings

Under **Traffic settings** you can change the traffic settings.

For more information, refer to the “Traffic information Menu\*” on page 88.

### Map settings

The following settings/options are available under **Map settings**:

- **Show traffic info**

Use this checkbox to enable or disable traffic messages.

- **Map display mode**

Use this option to switch the back light between Light (day), Dark (night) and Automatic (automatic switching).

- **Map view**

  - 2D North up / 2D Direction up**

The angle between the camera and the terrain is always a right angle (90 degrees), no height/elevation-data is used for rendering the map. Whenever this mode is active, changing the angle of the camera is not allowed.

  - 2,5D Direction up**

The angle of the camera can go under 90 degrees. It gives the illusion of having a 3D map.

  - 3D Direction up**

In 3D mode the terrain is rendered with height/elevation-data included (3D terrain) and the angle of the camera is adjusted to ground level.

- **Auto zoom**

If you set this option, the map scale is adjusted automatically by the navigation system (increases and decreases) in order to ensure reliable navigation. You can choose between far, normal, near and off. If you zoom manually the zoom will switch back to auto zoom after 8 seconds automatically.



**Note**

POI symbols are shown depending on the displayed scale. Multiple POI symbols can appear under a single symbol if there is a greatly reduced zoom.

- **POI icons**

Use this menu to display and hide various points of interest, for example, petrol stations, car parks or restaurants, with the appropriate symbols on map.

- **3D Landmarks**

Use this checkbox to enable or disable 3D Landmarks on the map.

- **3D Cities**

Use this checkbox to enable or disable 3D Cities on the map.

- **Digital terrain model**

Use this checkbox to enable or disable a digital terrain model on the map.

- **Park areas**

Use this checkbox to enable or disable park areas on the map.

- **Railways**

Use this checkbox to enable or disable railways on the map.

- **City areas**

Use this checkbox to enable or disable city areas on the map.

## Route Guidance

The following settings/options are available under **Route guidance**:

- **Voice guidance prompts**

Use this option to adjust the degree of detail for voice guidance.

- **Voice guidance volume**

Use this option to change the volume of the voice prompts.

- **Show turn-by-turn**

Use this option to display the turn-by-turn symbol and written instruction during the route guidance.



**Traffic Safety**

Traffic signs and traffic regulations always have priority over the driving recommendations.

- **Show speed limit**

Use this option to enable the display of speed limits. In addition, you can specify whether an acoustic warning should also be issued and the level at which a warning should be issued if the speed limit is exceeded.

- **Show lane guidance**

Use this menu to display lane guidance.

- **Arrival information**

Use this option to toggle between displaying the estimated time of arrival and the estimated remaining travel time.

- **Default route**

Use this menu to toggle between **Eco. route**, **Fastest route** or **Shortest route**.

- **Junction view**

Use this option to display junctions in the lane guidance.

- **Avoid options**

Use this menu to avoid certain areas or road segments.

## Vehicle profiles

You can define here the vehicle profiles. For more information see "Vehicle profiles" on page 75.

## Imported POIs

You can define special destinations in addition to the special destinations stored on map database SD-card.

Your created special destinations (POIs) can be downloaded to the navigation system.

You can create the following:

- Destination contact points

### Create POIs:

To create special destinations, perform the following steps:

- Create a text file with an arbitrary name and the file extension .kml (e.g. SamsContactPoint.kml).



#### Note

- You can also use a map specific service such as Google Earth® to create the xml file.
- You can find the necessary GPS coordinates, for example, in a topographical map.
- The GPS coordinates must be expressed in degrees with decimal places.
- Coordinates of west longitude and southern latitude must be specified with an initial minus sign "-".

- Enter latitude and longitude coordinates into the text file, separated by a comma (e.g. 9.9800000, 52.0150000).
- Enter an arbitrary name for the contact point (e.g. "David's hangout").
- Save the text file (e.g. on the hard drive on your PC or notebook).

### Example:

```
<kml>
  <Document>
    <name>My POIs</name>
    <Placemark>
      <name>My POI 1</name>
      <metadata>
        <telephone>1234567890</telephone>
      </metadata>
      <Point>
        <coordinates>Longitude,Lattitude</coordinates>
      </Point>
    </Placemark>

    <Placemark>
      <name>My POI 2</name>
      <metadata>
        <telephone>1234567890</telephone>
      </metadata>
      <Point>
        <coordinates>Longitude,Lattitude</coordinates>
      </Point>
    </Placemark>

    <Placemark>
      <name>My POI 3</name>
      <metadata>
        <telephone>1234567890</telephone>
      </metadata>
      <Point>
        <coordinates>Longitude,Lattitude</coordinates>
      </Point>
    </Placemark>

  </Document>
</kml>
```

### Storing text files on a USB mass storage device or SD-card

- Create a folder with the name "MyPOIs" in the root directory of a USB drive (e.g. "L:\MyPOIs", where "L:" is the root directory of the USB drive).
- Save the text file with the destination contact points in the folder "MPOIs".

## Download the user-defined special destinations

- Plug the USB mass storage device or SD-card with your special destination data into the USB port or SD-slot 2 ③ of the infotainment system.
  - To start the download, press the **SETUP** ⑦ button.
  - Tap on **Navigation and traffic**.
  - Tap **Import POIs**.
  - Select **Import new POIs**.
  - Select source **USB** or **SD/MMC**.
  - Select file to import or select all files.
- > The special destination data are downloaded onto the navigation system.

## Map Version

Under **Map version** you can display the version of the stored map data on the SD card.

## NAVIGATION DATABASE

The map data required for navigation are stored on an SD card that comes with the infotainment system.

## Navigation SD card

You can order new navigation SD cards to get the most recent map data or you can download the latest maps. Visit <http://scania.com/maps> for more information.



### Risks to the unit

Do not use a SD card which has cracks, is deformed or has been repaired with tape. Damaged SD cards can damage the system.

- Handle the SD card carefully. Be especially careful to not touch or contaminate the contacts.
- Do not use any conventional cleaner, petrol, thinner, or antistatic spray for cleaning the SD card or its contacts.
- Do not bend or compress the SD card. Do not use a bent or broken SD card.
- To ensure easy insertion of the SD card into the card slot and its removal, do not stick a label to the SD card.
- Do not expose the SD card to direct sunlight, high temperatures or humidity.
- Always keep the SD card out of the device in a protective box, to protect it from dirt, moisture and mechanical influences.



### Note

Maps and map updates are obtained from your vehicle dealer or you can download the latest maps. Visit <http://scania.com/maps> for more information.

## Replacing a navigation SD card



### Note

When you remove the SD card with map data while navigation is active, a popup informs you that navigation will not be available anymore until you re-insert the SD card with map data. After you confirmed the popup the home screen will be shown. If a SD card with map data is re-inserted, a loading popup is shown in case you are still in the navigation application (same behaviour as for system start up).

- Press on the inserted SD card to unlock it.
- Pull the SD card out of its connector.
- Gently slide the new SD card into the SD card slot with the label side up and the cut-outs to the right.

## TRAFFIC INFORMATION MENU\*

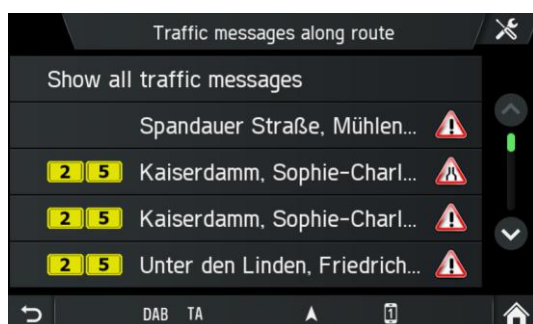
\*) Only available if navigation map data is inserted.



### Note

Traffic messages shows you information about events received by RDS-TMC or (available with optional DAB radio function) DAB-TPEG. Based on this information the navigation system is capable to recalculate routes around time delaying traffic events.

- Press on the **TRAFFIC** <sup>14</sup> button to open the TRAFFIC INFO menu.
  - > If the navigation system is activated, then the TRAFFIC INFO menu displays all traffic incidents on the current route and/or in the surroundings.



- Tap on the icon to display the menu options.

The following menu options are available:

### - Dynamic rerouting

You can set the following options:

#### **Automatic**

Select this option to let the navigation system decide the need for a recalculation of the current route due to traffic, this without any further input from the driver.

#### **By delay time**

Select the option to start the route recalculation with time delay set by the driver. Time delay is according to the calculated time the traffic event may take (e.g. traffic jam delays for 15 minutes.)

**Set time** to adjust the time delay.

#### **Ask first**

Select this option if the driver shall confirm any route recalculation from the navigation system.

#### **Off**

Select this option to deactivate the route recalculation based on TMC/TPEG.



### - Show traffic events

You can enable or disable the visibility of the selected event types in the navigation screen. Following options amongst others are possible:

- Traffic flow
- Accidents
- Closure
- Heavy traffic
- Heavy vehicles
- Informational
- Lane restrictions
- Roadworks
- Security
- Slow traffic
- Weather

The navigation setup option **Show traffic info** completely enables/disables the visibility.

### Traffic flow information (only for TPEG)

In active route guidance the route may be displayed in different colours. These colours give information about the immediate traffic flow of definite streets/ route segments.

Colour		Status
transparent		Unknown traffic flow
green		Free traffic flow
ochre		Slow, heavy traffic
orange		Queuing traffic
red		Stationary traffic
dark red		Blocked roads, no traffic flow

## CAMERA



### Note

The camera system is optional and depends on the vehicle configuration. For further information please contact your dealer.



### Traffic safety

The camera system is used to support visibility during forward and backward movement of your vehicle. But the camera can also be configured as a general camera and install it at a reasonable location around the vehicle.

This is to ease different types of work (e.g. working with crane).

It does not relieve you of responsible and proper driving behaviour. You still have a duty to drive carefully as well as to look around when reversing.

Always pay particular attention to pedestrians and all other road users.



### Note

- No system notifications are displayed as long as the camera function is activated.
- Depending on the environmental conditions, it is possible that the camera and infotainment system does not always present persons or objects correctly.
- If strong light falls directly onto the lens of the camera, objects may be outshine and not displayed clearly.
- After cleaning a vehicle in a car wash, the detection range of the camera may have been changed due to mechanical influences. Please check this and perform any necessary readjustment of the camera. For more information on the required settings of the camera, refer to the instructions of your vehicle.
- The infotainment system has a video input, which enables the display of e.g. camera images on the display. If necessary, consult the vehicle documentation if this function is used in your vehicle.





### Note

Depending on vehicle configuration one camera can be set as reverse camera. When driver put the vehicle into reverse the reverse camera will be shown.

Up to two cameras can be connected to the infotainment system. The image of the cameras can be displayed alternately.


## Select camera

You can use this option to select one of the two cameras.


- Press the **CAMERA** ⑤ button and tap on the icon .
- > The **Camera settings** menu is displayed.
- Select a camera by tapping on camera preview.
- Tap the  icon to change the view into Full mode.
- > The selected camera is displayed in Full mode.

## Camera settings

You can use this option to select a camera, to change the names of the cameras, and to display a preview of the two cameras.

- Press the **CAMERA** ⑤ button and tap on the icon .
- > The **Camera settings** menu is displayed.




- Tap on the icon  behind the camera that you would like to rename.
- Enter a descriptive name using the onscreen keyboard and confirm your entry with **OK**.
- > The Home page is displayed.





### Note

Switch between two cameras via button **Camera preview**.

Tap on the  icon to get into full screen mode.

The top bar displays the name of the currently used camera.

To leave full screen mode tap any hard key or use the icon  or  in the bottom bar.

## STEERING WHEEL REMOTE CONTROL\*

\*) *Steering wheel remote control is dependent on vehicle configuration.*



### Note

The steering wheel remote control function is optional and depends on the vehicle configuration.  
See separate manual of the remote control unit for connection details.

You can operate the infotainment system with the buttons on the steering wheel.

## FUNCTIONS OF THE STEERING WHEEL REMOTE CONTROL

Button +

- Increase volume

Button –

- Decrease volume

Button 

- Radio:  
Skip to previous preset station (short press);  
automatic tuning (long press).
- Storage medium:  
Select previous title, restart the current title (short press);  
fast search backward (long press)

Button 

- Radio:  
Retrieve next storage space  
(short press); automatic tuning (long press).
- Storage medium:  
Select next title, (short press); quick search forward (long press)

**SRC** button

- Select media source

Button 


- Switch to mute

Button 

- Push To Talk (hold button during telephone calls as long as you talk)
- Activate SDS- Speech Dialogue System  
(short press)
- With active CarPlay® function the Siri functionality is launched by pressing for a long time.

Button   
- Settings


Button   
- Back


- Press and hold  for at least one second to hang up an ongoing call.

**OK** button  
- Confirm

Button   
- Up

Button   
- Down

Button   
- Left  
- Reject an incoming call

Button   
- Right  
- Ignore an incoming call (mutes the incoming call signal)

## MIRRORLINK

MirrorLink provides the integration of mobile devices into the vehicle, so that the screen and common applications of mobile devices are shown on the display.





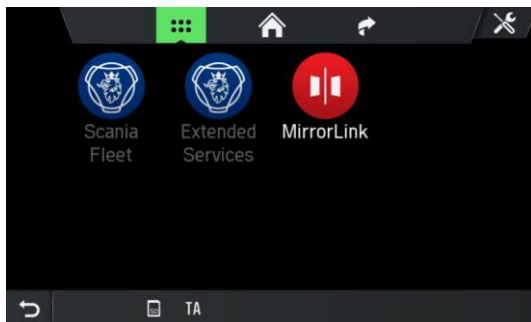
### Note

MirrorLink appears only when an MirrorLink supported mobile device is connected to the infotainment system via USB.

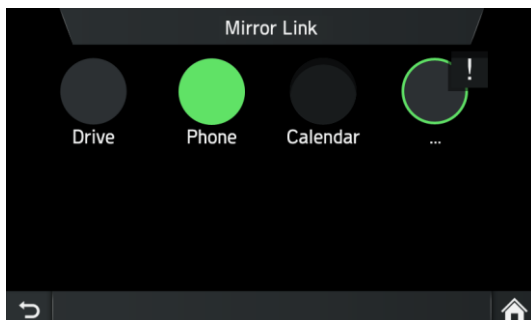
Long press on **TELEPHONE** ④ button activates MirrorLink. The icon is shown in the APPS menu.

## TURN ON MIRRORLINK

- Tap on the icon  to open the HOME menu.
- Tap on the icon  in order to display the APPS menu.



- Tap on the **MirrorLink** button.
  - > The MirrorLink function starts.
  - > The following screen appears.



Upon successful connection, the supported MirrorLink applications (telephone, music, maps, news) can be controlled using the touch surface.





### Note

To present an incoming call via MirrorLink the telephone must be connected to the infotainment system as primary telephone via Bluetooth. Additionally a certified MirrorLink Telephone App must be installed.

Most telephones currently do not support telephone calls via MirrorLink. MirrorLink is interrupted during a system update, e.g. traffic info, and is started up again after the system update is successfully handled.

## START MIRRORLINK APPLICATION

- Tap on the icon  to open the HOME menu.
- Tap on the icon  in order to display the APPS menu.
- Tap on the **Mirrorlink** button.
- Tap on the desired application e.g. Music, Internet Radio etc.

## CARPLAY®



CarPlay® enables the integration of iPhone® devices in the vehicle and the screen as well as shared applications from Apple devices are shown on the display.

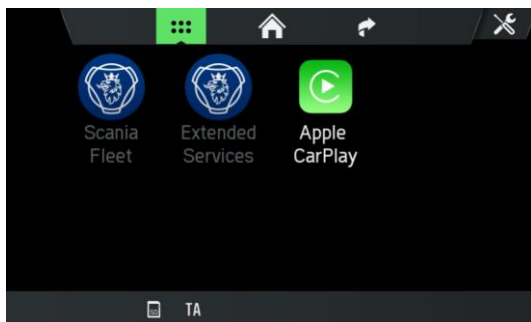


### Note

CarPlay® only appears when an Apple device is connected to the device's USB connection via a lightning connection.

## TURN ON CARPLAY

- Tap on the icon  to open the HOME menu.
- Tap on the icon  in order to display the APPS menu.



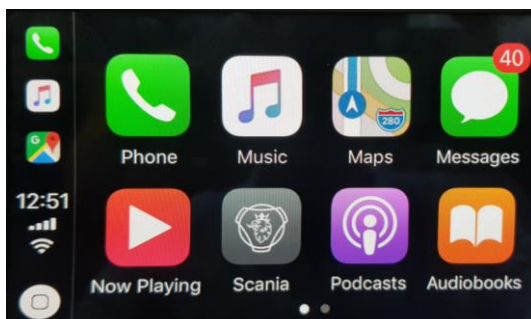
- Tap on the **CarPlay** button.
- > The CarPlay® function starts.



### Note

All Bluetooth connections are terminated as soon as CarPlay® is activated. The internal telephone, Bluetooth and Bluetooth Audio do not function together with CarPlay®.

- > The following screen appears.



CarPlay® enables the integration of Apple devices in the vehicle and the screen as well as shared applications from Apple devices are shown on the display. Once a connection has been successfully established, the supported CarPlay apps (telephone, music, maps and news) can be operated via the touchscreen or via voice input (Siri).







### Note

Once CarPlay® has been activated, by pressing the **TELEPHONE** ④ button the telephone function of the CarPlay menu will be called up. This will also switch automatically to CarPlay when there are incoming calls.

CarPlay® is interrupted when there are system messages (e.g. traffic information). CarPlay® is reactivated after the system message has finished.

In order to quit CarPlay®, you have to select **Scania**.

## LAUNCH CARPLAY APPS

- Tap on the icon  to open the HOME menu.
- Tap on the icon  in order to display the APPS menu.
- Tap on the **CarPlay** button.



- > The CarPlay® function starts.
- Tap on the desired application e.g. **Telephone**.
- > The selected application is launched.

## LAUNCH VOICE RECOGNITION (SIRI)

- In order to activate Siri, press the Button  on the steering wheel for a longer time.

### Eyes Free Function (Siri)

The Eyes Free Function is an expanded functionality of Siri, which enables voice activated usage of an iOS mobile device that is connected to the system. The Siri Eyes Free Function enables you to use natural voice commands to control the mobile device.



### Note

If the Siri functionality is unavailable, e.g. if the network is down, this is not caused by the infotainment system.

# APPENDIX

## END USER LICENSE AGREEMENT

### FOR THE USE OF THE TRAVEL AND TRAFFIC INFORMATION SERVICES PROVIDED IN EUROPE

#### 1 SCOPE

- 1.1 This End User License Agreement ("**EULA**") contains the terms and conditions regarding your use of the Services (as defined below in section 2.6) provided by the Service Provider (as defined below in section 2.7) in the Territory (as defined below in section 2.8) and material limitations to your rights in that regard. If you are acting as an agent or other representative of a company or another legal person, such as an officer or other employee acting for your employer, then "you" and "your" mean your principal, the entity or other legal person for whom you are acting.
- 1.2 This EULA has been made publicly available in the Service Provider Traffic web service on the Service Provider's official website ([http://www.Service Providertraffic.com/eula/](http://www.ServiceProvidertraffic.com/eula/)). However, if you have not reviewed this EULA prior to opening the sales package of the Product (as defined below in section 2.5), you should read this printed version of the EULA carefully as it is a legal agreement between you and the Service Provider as if the Service Provider and you physically signed this EULA. If you would like to get an unofficial translation of this EULA from English to your respective local language in the Territory, please visit the above-mentioned website. By opening the sales package of the Product that you've purchased containing this EULA and thereafter commencing the use of the Services, you automatically accept and agree to be bound by the terms and conditions contained in this EULA. However, if you do not agree to all of the terms and conditions contained in this EULA, you may not use the Services.

#### 2 DEFINITIONS

- 2.1 "**Act**" shall mean the applicable local consumer protection laws and regulations.
- 2.2 "**Data**" shall mean collectively the travel and traffic information and the related location data made available to you through the Services by the Service Provider.
- 2.3 "**Intellectual Property Rights**" shall mean all copyrights, trademarks, trade secrets, patents and other intellectual property rights recognized in any jurisdiction worldwide, including all applications and registrations with respect thereto.
- 2.4 "**Manufacturer**" shall mean the manufacturer of the Product and its affiliates.
- 2.5 "**Product**" shall mean the personal navigation device enabled to receive the Services manufactured, marketed, sold and distributed by the Manufacturer.
- 2.6 "**Services**" shall mean the provision of the Data to you by the Service Provider.
- 2.7 "**Service Provider**" shall mean Service Provider Mediamobile SA with the french corporate ID B 403334 618 and registered address 27 boulevard Hippolyte Marquès, 94200 Ivry sur Seine - France
- 2.8 "**Territory**" shall mean the countries of Belgium, Bulgaria, Croatia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Sweden, Turkey and United Kingdom.

#### 3 LICENSE GRANT

- 3.1 The Service Provider hereby grants to you a non-exclusive right to use the Services in the Territory for the life of the Product, or when the third party licenses, services and information required for providing the Services become unavailable on commercially reasonable terms, or until the Service Provider discontinues

providing the Services in the form as they were provided when you purchased the Product, which ever is the shortest.

- 3.2 There are no implied licenses granted under this EULA, and all rights save for those expressly granted to you above, shall remain with the Service Provider.

#### **4 INTELLECTUAL PROPERTY AND OTHER RIGHTS**

Title and all Intellectual Property Rights to or associated with the Services and/or the Data shall always be vested in the Service Provider, its licensors or other suppliers.

#### **5 WARRANTY DISCLAIMER**

- 5.1 The Service Provider shall provide the Services with due care and professional skill in the Territory until the expiry or termination of the license grant as agreed in section 3.1 above. For the avoidance of any doubt, the Service Provider's warranty provided hereunder shall cover only the Services expressly excluding the Product.
- 5.2 NOTWITHSTANDING THE FOREGOING, YOU UNDERSTAND AND AGREE THAT THE SERVICES, DUE TO THEIR NATURE AND CONTENT, MIGHT NOT ALWAYS BE FREE FROM DEFECTS, COMPLETE, REAL-TIME OR AVAILABLE, AND THAT THEY ARE PROVIDED ON "AS IS" BASIS IN LIEU OF ALL OTHER SERVICE PROVIDER OBLIGATIONS ARISING FROM THE ACT OR OTHER APPLICABLE STATUTORY LAWS, TRADE USAGE, GENERAL PRINCIPLES OR OTHER SOURCES OF LAW, WHICH ARE HEREBY EXCLUDED TO THE FULLEST EXTENT PERMITTED BY THE MANDATORY OBLIGATIONS IMPOSED ON THE SERVICE PROVIDER IN THE ABOVE-REFERRED SOURCES OF LAW. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY THE MANUFACTURER, ITS DISTRIBUTORS AND/OR RESELLERS SHALL IN ANY WAY EXTEND THE SCOPE OF THIS WARRANTY.
- 5.3 IN CASE THE SERVICES HAVE NOT BEEN PERFORMED WITH DUE CARE AND PROFESSIONAL SKILL AS AGREED IN SECTION 5.1 ABOVE, YOUR SOLE REMEDY IS RE-PERFORMANCE OF THE SERVICES EXPRESSLY EXCLUDING OTHER REMEDIES ARISING FROM THE ACT OR OTHER APPLICABLE STATUTORY LAWS, TRADE USAGE, GENERAL PRINCIPLES OR OTHER SOURCES OF LAW, WHICH ARE HEREBY EXCLUDED TO THE FULLEST EXTENT PERMITTED BY THE MANDATORY REMEDIES AVAILABLE TO YOU UNDER THE ABOVE-REFERRED SOURCES OF LAW.

#### **6 LIMITATION OF LIABILITY**

- 6.1 FOR THE AVOIDANCE OF ANY DOUBT, YOU HAVE A RIGHT TO CLAIM DAMAGES FROM THE SERVICE PROVIDER ONLY IN SITUATIONS IN WHICH SUCH RIGHT CANNOT BE EXCLUDED BASED ON SECTION 5.3.
- 6.2 EXCLUDING THE SITUATIONS IN WHICH LIABILITY FOR **(A)** INDIRECT DAMAGES CANNOT BE LIMITED BASED ON THE MANDATORY PROVISIONS IN THE ACT AND OTHER APPLICABLE LOCAL LAWS, THE SERVICE PROVIDER SHALL NOT BE LIABLE FOR INDIRECT DAMAGES; AND **(B)** DIRECT DAMAGES CANNOT BE LIMITED BASED ON THE MANDATORY PROVISIONS IN THE ACT AND OTHER APPLICABLE LOCAL LAWS, THE SERVICE PROVIDER SHALL NOT BE LIABLE FOR DIRECT DAMAGES TO THE EXTENT THEY EXCEED THE FEES, WHICH YOU HAVE ACTUALLY PAID FOR THE SERVICES EXPRESSLY EXCLUDING THE PRICE OF THE PRODUCT.
- 6.3 TO THE EXTENT PERMITTED BY THE MANDATORY PROVISIONS IN THE ACT AND OTHER APPLICABLE LOCAL LAWS, THE LIMITATION PERIOD FOR YOUR CLAIMS FOR DAMAGES SHALL BE TWO (2) YEARS FROM THE POINT IN TIME WHEN THE CLAIM AROSE AND YOU BECAME AWARE THEREOF. REGARDLESS OF YOUR KNOWLEDGE THE LIMITATION PERIOD SHALL ALWAYS BE THREE (3) YEARS FROM THE DAMAGING EVENT.
- 6.4 WITH THE EXCEPTION OF LIABILITY FOR PERSONAL INJURY OR PROPERTY UNDER THE APPLICABLE LOCAL PRODUCT LIABILITY LAWS, THE ABOVE LIMITATIONS SHALL APPLY TO ALL CLAIMS FOR DAMAGES, IRRESPECTIVE OF THEIR LEGAL BASIS.

#### **7 GENERAL TERMS**

- 7.1 This EULA constitutes the entire agreement and understanding by and between you and the Service Provider. This EULA supersedes any prior and contemporaneous proposals, purchase orders, advertisements, and all other communications in relation to the subject matter of this EULA, whether oral or written. Any additions or modifications hereto must be made in writing and signed by a duly authorized Service Provider representative. This also applies to any waiver of this requirement of written form. For the avoidance of any doubt, the Manufacturer and their distributors do not have a permission to modify this EULA on behalf of the Service Provider.
- 7.2 If for any reason a court finds any provision of this EULA, or any portion thereof, to be unenforceable, that provision of this EULA will be enforced to the maximum extent permissible so as to affect the intent of the parties, and the remainder of this EULA will continue in full force and effect.
- 7.3 Subject to section 6.3 above, a failure of a party to insist upon the performance of one or more of the terms of this EULA will not be deemed to be a waiver of its right to enforce such term, or of any rights or remedies that party may have under this EULA.
- 7.4 This EULA shall be governed in all respects by the laws of the country within the European Economic Area (EEA) in which you are domiciled. If you are domiciled outside the European Economic Area (EEA), this EULA shall be governed in all respects by the laws of the country in the European Economic Area (EEA) from which you purchased the license to use the Services. The United Nations Convention on Contracts for the International Sale of Goods, done at Vienna April 11, 1980, is excluded.

All disputes arising under this EULA shall be brought in the public court in the country within the European Economic Area (EEA) in which you are domiciled. If you are domiciled outside the European Economic Area (EEA), the forum for all disputes shall be the public court in the country within the European Economic Area (EEA) from which you purchased the license to use the Services.

## CERTIFICATION INFORMATION

### EC-Declaration of Conformity

Hereby, Harman Becker Automotive Systems GmbH, declares that this unit, Scania AUS4 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.



### ECE type approval

Infotainment system SCANIA AUS4 was reviewed by the directive UN/ECE R10 and registered and type approved by “snch” authority in Luxembourg. This is shown by type approval number as follows.



10R - 05 13782

### Bluetooth approval

Bluetooth approval for SCANIA AUS4



**Bluetooth®**

Qualified Design

ID Number D031839

### MirrorLink certification

MirrorLink certification for SCANIA AUS4



**MirrorLink**

Qualified Design

ID Number CL150210

### CarPlay certification

CarPlay certification for SCANIA AUS4



**CarPlay**

Qualified Design

ID Number 225003-0001