

# RADIO SYSTEM

Radio system  
Truck entertainment basic



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# SCANIA

## BUTTONS AND CONTROLS



① Buttons ◀ and ▶

**In radio mode:**

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

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

**In media mode:**

Select title (press)

Start quick scan (long press)

② **SD slot:**

Media, audio, video playlists

③ **TELEPHONE** button

Telephone functions

④ **DISPLAY** button

Settings for the illumination of the display

⑤ **SETUP** button

General settings for the system

⑥ ◀ button

Return to previous view

⑦ **Right rotary encoder**

Select menu item (press), change setting, scroll in list (rotate)

⑧ **Left rotary encoder**

Adjust volume (rotate)

Mute audio signals (press)

Turn unit on/off (long press)

⑨ 🏠 button

Switch to home screen

⑩ **MEDIA** button

Media mode

⑪ **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.



### Notes

- 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 safety

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

- Familiarise yourself with the infotainment system before driving.
- Only operate your infotainment system if the traffic situation permits. Stop at a suitable location before changing system settings.
- 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 audio at appropriate volumes.



### Risk of injury

You must not open or modify the infotainment system!

- Refrain from repairing the infotainment system.
- Repairs and maintenance should only be performed by trained personnel.



### Risk to the infotainment system

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 infotainment system.

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

## Disposal of old unit (EU countries only)



Do not dispose of your old infotainment system 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.
- This may cause data loss or destruction of the SD card.

## NOTES ON THESE INSTRUCTIONS

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



### Notes

- 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 <sup>⑤</sup>

### Buttons:

e.g. **Radio**

## INTRODUCTION

### FEATURE LIST

Mode	Feature
Radio	FM (18 stations) AM (18 stations) <ul style="list-style-type: none"><li>- LW (6 stations)</li><li>- MW (6 stations)</li><li>- SW (6 stations)</li></ul> DAB (18 stations)* <ul style="list-style-type: none"><li>- *) DAB is not receivable in each region.</li></ul>
USB port	1 USB port: <ul style="list-style-type: none"><li>- Media data</li><li>- Charging external media<ul style="list-style-type: none"><li>- USB port 1: Provides current up to 1.5 A</li></ul></li></ul>
SD slot	<ul style="list-style-type: none"><li>- Media data</li></ul>
Connection to external storage media	<ul style="list-style-type: none"><li>- iPod</li><li>- MP3 player</li><li>- USB flash memory</li><li>- External audio sources via AUX-In</li></ul>
Telephone link	<ul style="list-style-type: none"><li>- Connection with Bluetooth-enabled mobile telephones</li></ul>



#### Note

The 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 system while the vehicle is at a standstill.

## 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 unit.

## OPERATING MODES

Setting options in main menus are displayed by tapping the icon

### Radio settings

- Press the **RADIO** <sup>⑪</sup> button change to RADIO function.  
See chapter "Radio" for further details.

### Media settings

- Press the **MEDIA** <sup>⑩</sup> button to start an SD card, iPod, USB, BLUETOOTH AUDIO or AUX function.  
See chapter "Media" for further details.

## Telephone settings

- Press the Telephone ③ button to start the telephone function.  
See chapter "Telephone" for further details.

## OPERATION

### Controls

The 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 unit is equipped with a resistive 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 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.



#### Notes

- 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 ↩ ⑥ 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 ⑦ clockwise or counter-clockwise.

To activate the selected menu item:

- Press the right rotary encoder ⑦.
- > 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 ⑦:

- Rotate the right turn ⑦ clockwise or counter-clockwise to scroll through the list of menu items.

### Home button

When the  button ⑨ 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** ⑤ button and tapping on the icon . For more details, see chapter "Introduction", sub-chapter "System settings"

## TURNING ON THE SYSTEM

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




#### Note

If the unit is turned off manually with left rotary encoder ⑧ it needs to be turned on again by pressing the left rotary encoder ⑧.

## Automatic shut down

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

## ADJUST THE VOLUME

- Rotate the left rotary encoder ⑧.
- > The current setting is displayed.  
When the system is turned on, the last selected volume is set.
- Press the left rotary encoder ⑧ to mute the unit or return to the original volume.
- > If the volume is muted, the icon  is displayed on the screen.




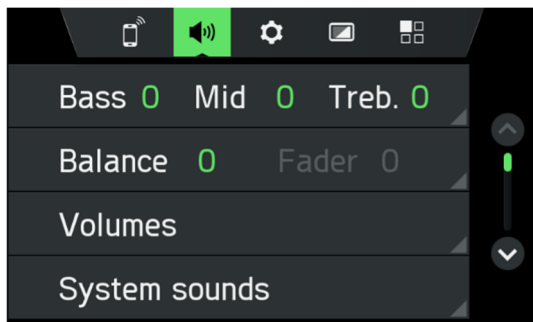
## CUSTOMISE SETTINGS

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 ⑦.

### Sound settings

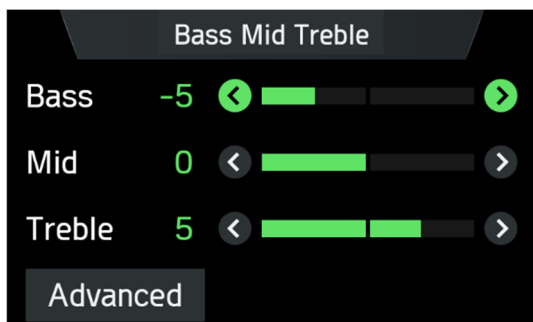
With the touch screen:

- Press the **SETUP** ⑤ button
- Tap on the icon  to open the AUDIO SETUP menu.



Two options are possible:

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



#### Notes

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 ⑦.

#### Bass:

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

#### Mid:

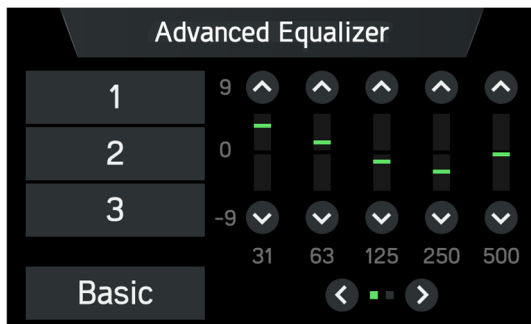
Use this setting to modify the middle frequencies of the audio source.

#### Treble:

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

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

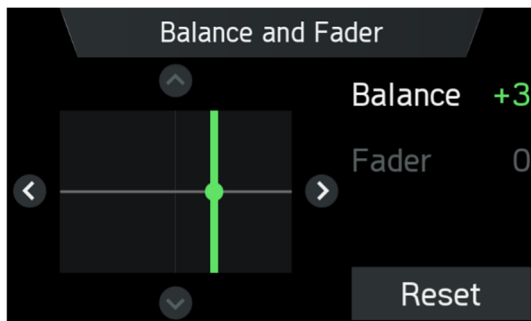
### Advanced Equalizer:



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

### Balance (optional):

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



### Fader\*:

\*) *Fader is dependent on vehicle configuration.*

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

### System sounds

Activating or deactivating the Sound signals (touch-click):

If the option **System sounds** is activated, there is a sound every time that you tap the screen.

If the function **Sound signals** option is activated, the following actions of the user or the system are acknowledged with a beep:

#### - Radio function:


When a station is stored on a station button.

#### - Media function:

When activating the fast forward or rewind.

### 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.

- Press the **SETUP** ⑤ button.
- > Tap on the icon .




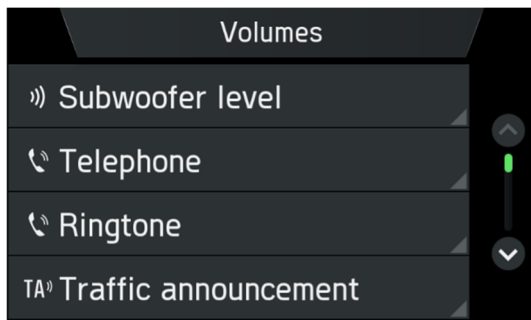
#### Notes

- 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.

## VOLUME SETTINGS

### Adjusting volumes

- Press the **SETUP** ⑤ 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.

### Adjusting Subwoofer level (optional)

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

### Adjusting the telephone volume

The telephone volume can be adjusted during a call using the left rotary encoder ⑧.

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

### Adjusting Ringtone volume

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

### 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 ⑧.

When the message has been completed or is cancelled, the volume is reset to the original setting automatically.

### 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

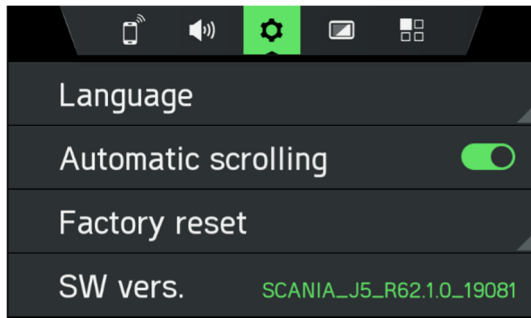
Sets the relative background volume of all audio sources (radio or media) during ongoing calls, traffic announcement or system notification dependent on vehicle speed.

- 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 system can be changed via the menu SYSTEM-SETTINGS.

- Press the **SETUP** ⑤ button and tap on the icon .



With the touch screen:

- Tap on a menu item to change the setting.

With the right rotary encoder ⑦:

- Rotate the right rotary encoder ⑦ clockwise or counter-clockwise to select a menu item.
- Press the right rotary encoder ⑦ 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.

### Automatic scrolling

- Activating or deactivating automatic 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.



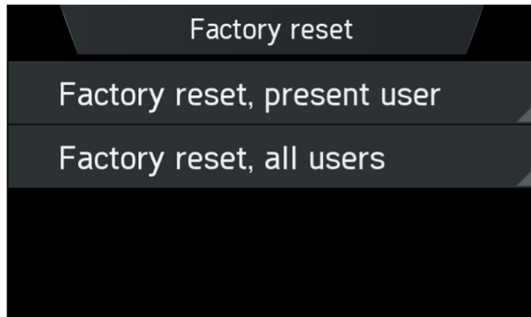
#### Note

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

### 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

### Software version


- Select the menu item **SW vers.**
- > The current installed software version is displayed.

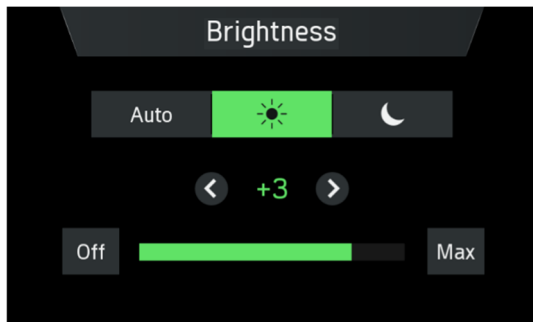
### Bluetooth settings

For details, see the chapter "Telephone", sub-chapter "Bluetooth connection" or the chapter "Media", sub-chapter "Bluetooth connection".

## DISPLAY SETTINGS

### Customising the display





- Press the **SETUP** ⑤ 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 lighting 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**.



#### Note

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

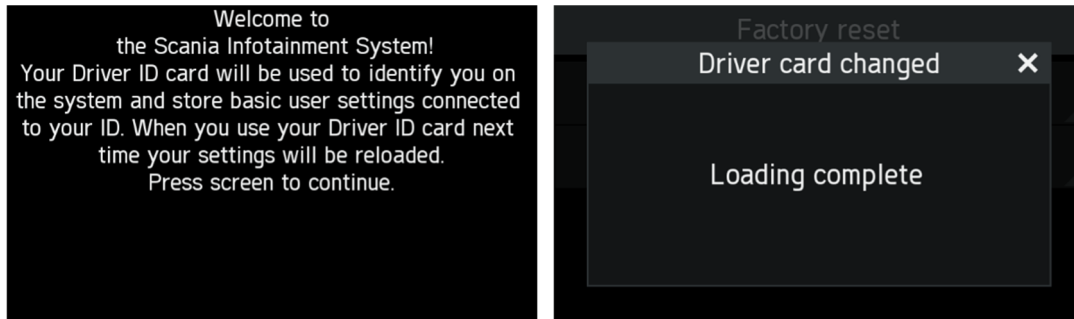
With the right rotary encoder ⑦:

- Rotate the right rotary encoder ⑦ clockwise or counter-clockwise to select a menu item.
- Press the right rotary encoder ⑦ to change the setting.

## 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 is used to store basic settings and restore them next time you enter the same vehicle again.

On the very first time, when driver ID is inserted below welcome will be displayed. Next time when the same driver ID is used, instead of welcome screen, "Driver card changed" pop up will be shown.



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

## THEFT PROTECTION

The theft protection is activated, when the IF VIN number over CAN does not match infotainment system VIN number.

- > A popup occurs.
- Please contact your local SCANIA dealer.

## RADIO

### ACTIVATING THE RADIO

- Turn on the infotainment system.
- Press the button **RADIO** ⑪.
- > The radio function is activated.  
The last station you listened to is played after activating the radio.



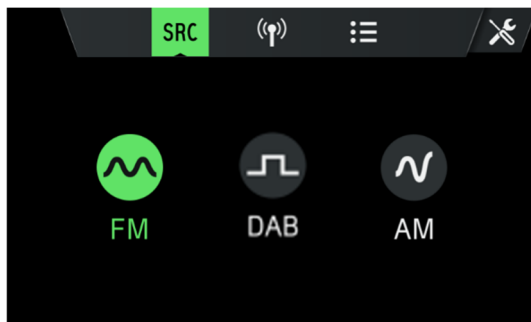
#### Note

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



### SELECT WAVEBAND

- Press the button **RADIO** ⑪.
- Tap on the **SRC** button.
- Select the desired waveband.
  - **FM, AM** or **DAB** (optional)



- > 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.

### Select AM waveband

In the AM waveband you can select the three different bands MW, LW and SW.

- Select as waveband **AM**.
- Tap on the button.
- Select the desired AM waveband **MW, LW** or **SW**.
- Tap on the button to close the selection screen.



## TRAFFIC ANNOUNCEMENTS (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.

A message is displayed and the announcement is heard.

During the announcement, the volume can only be changed using the left rotary encoder ⑧.

The traffic announcement can be cancelled by tapping on **Cancel**.

When the traffic announcement is finished or is cancelled, the volume is reset to the original setting automatically.









### Notes

- If traffic announcements are activated, the radio is enabled in the background, even if Media 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.

## 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 station search: Decrease frequency (AM/FM)
	Manual station search: Increase frequency (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 stored station (AM/FM)
  - Switch to the next/previous DAB station within the currently set DAB ensemble (DAB)
- Long press:
  - Switch to next/ previous station on station list (AM/FM/DAB)

### Automatic station search (AM/FM)

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



- Press on the  or  button on the touch screen.
- > The next available station is received and played back automatically.
- Press on the  or  button on the touch screen.
- > The frequency is tuned in 50kHz (MW: 9kHz, LW: 3kHz and SW: 5kHz) steps up and downwards.



#### Note


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

### Manual tuning (AM/FM)



Using the right rotary encoder ⑦:

- Rotate the rotary encoder in the RADIO menu; clockwise or counter-clockwise to change the receiving 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 .
- Rotate the right rotary encoder ⑦ clockwise or counter-clockwise.

## Tuning DAB ensembles and stations (DAB)

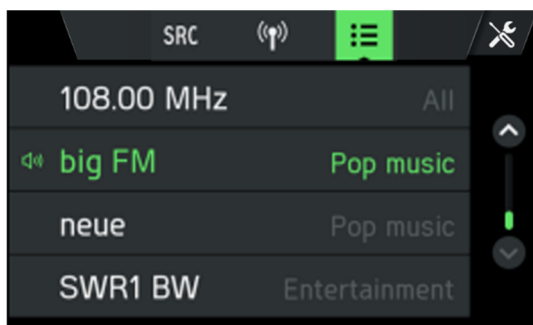
Select the DAB Waveband.



- Tap on the ◀ and ▶ buttons to select the DAB ensemble
- Tap on the ◀ or ▶ button to select the station in the actual DAB ensemble.

## Selecting station with the station list (FM/DAB)

- Tap on the ≡ button to open the station list.
- > The station list is displayed.



- Select the desired station.



### Note

In DAB mode you can also select with the ◀ and ▶ buttons between the DAB ensembles.

## STORE RADIO STATIONS


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



### Notes

- In the FM waveband menu you can store 18 FM stations.
- In the 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.





- Select the desired waveband.
  - Select the desired station.
  - If necessary tap on the icon  to switch on the station button view.
  - Press and hold one of the numbered station buttons until you hear a beep.
- > Pressing the corresponding station button retrieves the station from the station memory.




### Notes

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


Customise settings".

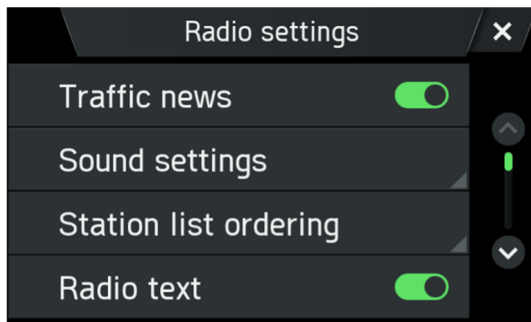
With the button  or  you can switch between the different station button stages.

## Retrieving radio stations

- Select the desired waveband.
  - If necessary tap on the icon  to switch on the station button view.
  - Press a station button.
- > The corresponding station is played.

## RADIO SETTINGS


- Press the **RADIO** <sup>(11)</sup> button and tap on the icon .
- > The **Radio settings** menu is displayed.



Following menu items are available:

- **Traffic news (available for AM/FM/DAB)**  
Enables or disables traffic announcements (TA).
- **Sound settings (available for AM/FM/DAB)**  
Sound settings Menu opens. For more details see chapter "Introduction", sub-chapter "Sound settings".
- **Station list ordering (available for FM)**  
Station list order menu opens. Select if you want to order the saved stations alphabetical (A-Z) or By frequency.
- **Radio text (available for 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 (available for FM)**  
Enables or disables the alternative frequency function
- **Regional (REG) (available for FM)**  
Regionalization can only be enabled if Alternative Frequency is activated.  
If this feature is set to on there will be no moving around between the different regional programs of any given station.
- **Aut. DAB-FM switching (available for DAB)**  
Activate or deactivate the change station 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, an SD card (via the USB port/adaptor), or an Apple<sup>®</sup> device can be connected to the USB port.

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



#### Note

The system does not support all MP3 players, USB drives, SD cards, hard drives or iPod models.

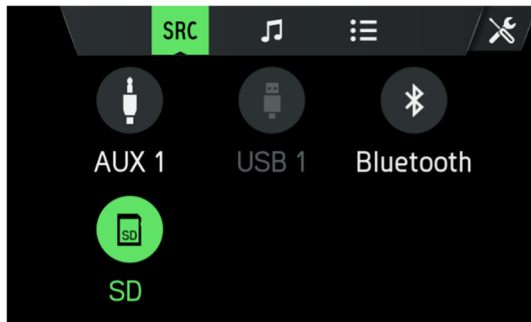
### IMPORTANT INFORMATION

- 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 / playlists: 1000
- Max. number of files / songs: 4000
- Max. number of files / songs per folder / playlist: 4000
- 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 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, ALAC, M4A

### Playing audio files from an SD card

- Slide the SD card into the SD slot.
- > The unit starts playing audio files from SD card.

### Playing audio files from an Apple® device

- Connect the iPod to the designated USB port.
- > The unit starts playing audio files from iPod.
- If the iPod is already connected it can be selected by pressing the **MEDIA** <sup>11</sup> button.
- Tap on the **SRC** button.
- Select the **iPod** button to activate iPod mode.

### Playing files from USB mass storage device

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

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

\*) *Additional AUX interface shown in media screen if vehicle is configured with TV preparation.*  
The unit controls the sound of the TV/EXT source only. The TV picture is shown on another unit.

### Picture Viewer

Each picture is shown on the source medium regarding its orientation. There is no possibility for the user to rotate pictures.

The user can select an image from within the USB browse menu, 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.

## BLUETOOTH AUDIO CONNECTION

### Important information

- The 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 system.



#### Note


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

### Connecting a Bluetooth device

#### Important information

- Two Bluetooth device can be connected to the system at the same time.
- Only one connected device can be used for audio streaming at a time.
- A maximum of 10 devices can be paired to the system.

Perform the following procedure to a Bluetooth device with the 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 **SETUP** (5) button and tap on the icon .
- Tap on the menu item **Bluetooth**.
- > The **BLUETOOTH SETTINGS** menu is displayed.
- Set **Bluetooth** to "On".
- Tap on **Search for Bluetooth devices**.
- > Bluetooth devices within range are displayed.
- Select a Bluetooth device.
- > A 6-digit code is generated and displayed.
- > The 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 devices**.



#### Notes

- There can be up to 2 Bluetooth devices connected to the 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, follow the procedure for connecting again or refer to the user handbook for the Bluetooth device.

### Remote Control Application



#### Note

Remote Control is a feature to control radio and media when the driver is not behind the steering wheel (e.g. when the driver lies on the resting bunk).

Remote Control Application can only be used for primary telephone (Android or Apple iOS). Remote control via secondary telephone will be ignored.



The remote control application icon which is displayed in the status bar will be shown as soon as the head unit is listening to remote control events from the primary device.

### Requirements

The following requirements must be met to use the Remote Control of the system:

- The Bluetooth function of the system must be activated.
- The Bluetooth function of the external device must be activated.
- The external device must be installed with a supported Remote Control App.

### Start Remote Control

The remote control connection will be established in the following sequence:

- Connect and configure external device which supports Bluetooth SPP profile, as primary device with system.
- Open supported app in external device .
- Select system name from paired list of devices.

### Stop Remote Control

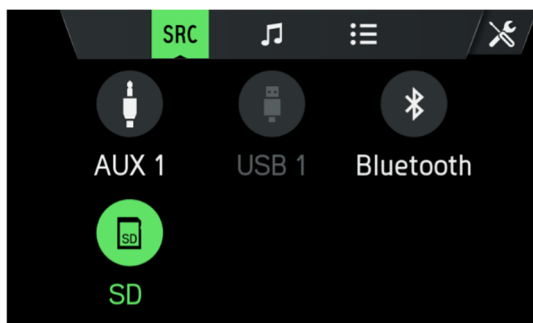
The remote control connection will be closed in following cases:

- Once remote app closed in External device.
- The external device or system lost Bluetooth coverage.
- The external device is removed as primary device.


### Bluetooth music mode

#### Activating Bluetooth music mode


- Press the **MEDIA** <sup>⑩</sup> 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 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 system:

- The Bluetooth function of the 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 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
- Loud

### Use

- Press the **MEDIA** <sup>⑩</sup> 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 system. The volume is controlled via the left rotary encoder <sup>⑧</sup>.

## MEDIA SETTINGS

- Press the **MEDIA** <sup>⑩</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".
- **Bluetooth**  
BLUETOOTH Menu opens. For more details see chapter "Telephone", sub-chapter "Bluetooth connection"

## TELEPHONE\*

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



### Note

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

You can use your mobile phone through the system. For this, the mobile telephone must be connected via Bluetooth to the system.

If the Bluetooth connection is established between the 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, PBAP, A2DP and MAP are used in accordance with the Bluetooth standard. The Bluetooth telephone connection of the 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 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 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**  button and tap on the icon .
- Tap on the menu item **Bluetooth**.
- > The BLUETOOTH SETTINGS menu is displayed.

Following menu items are available:

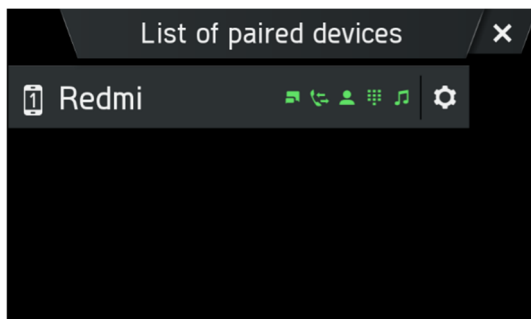
- **Bluetooth**  
Enable or disable Bluetooth for the head unit.
- **System is visible**  
This menu entry makes the head unit listen to incoming pairing requests as long as the checkbox is switched to on. This checkbox has a countdown timer, which is counting down from 3:00 minutes.
- **Search for Bluetooth 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", section "Connecting a Bluetooth device".

## 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 system is displayed.




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

**Note**

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

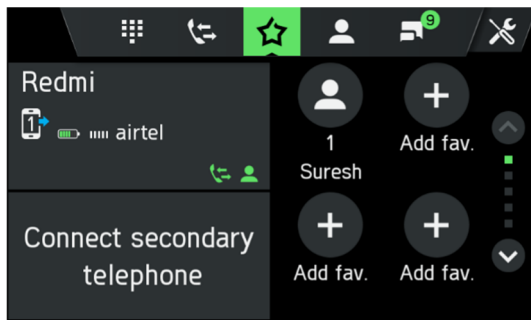
## Handling of two telephones

It is possible to connect 2 phones at the same time. One is the primary phone, one is the secondary phone. The left side of the favourites tab shows information about the two phones. Favourites, Call list, Phonebook and

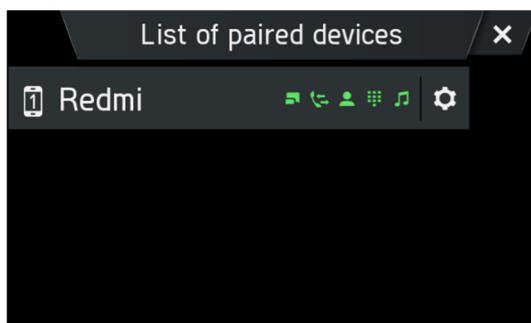
Messages will always come from the primary phone. On Favourites tab, it is possible to swap (icon ) primary and secondary phone.


On Favourites tab, it is also possible to select which telephone shall be used for outgoing calls when dialling from favourites, call lists, phone book 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 system is displayed.



- Tap on  near the desired Bluetooth device
- Select 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 center to do so.

## OPERATION

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



### Note

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

When the Bluetooth connection is established between the mobile telephone and the system, the mobile telephone data are sent to the 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 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 ⑧ for volume control.
- The **TELEPHONE** ③ button displays the telephone menu.

## HANDS-FREE MODE

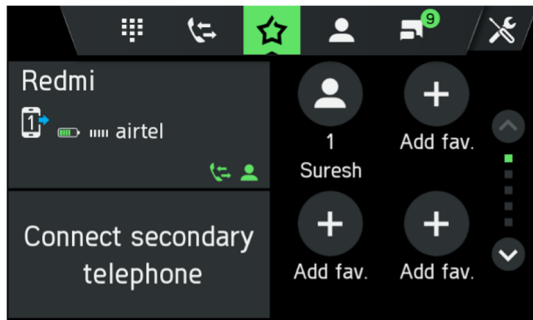
- Make sure that the Bluetooth feature is activated on the system.
- Make sure that the Bluetooth function is activated on the telephone (To activate Bluetooth, see instructions for use of the device).
- The mobile telephone must be set to "visible" (see instructions for the device).

The mobile telephone must be connected to the system. See chapter "Media", sub-chapter "Bluetooth audio connection", section "Connecting a Bluetooth device".



### Activate hands-free mode

- Press the **TELEPHONE** ③ button.
- > The TELEPHONE menu is displayed.



#### Note

If "No telephone" continually appears, check whether Bluetooth is activated and the telephone is connected to the 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 system via Bluetooth and the hands-free function is activated.



#### Note

It may take a while before the options **Phone book** and **Call** are enabled. The reason is that the data for the phone book and the call lists are sent from the mobile telephone to the system.

## Using the phone book


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

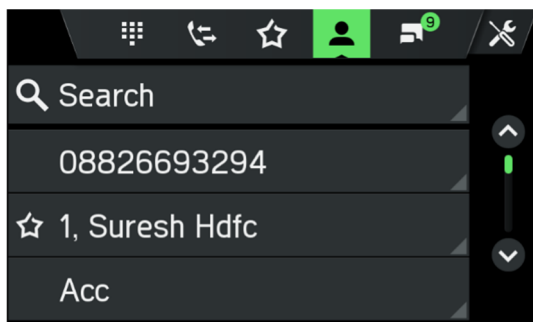


### Note

- 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 English:  
Granparksvägen 10 (Street + House number)  
151 48 Södertälje (Postal code and / or City)  
Sweden (Country name)

To make a call using the phone book:

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

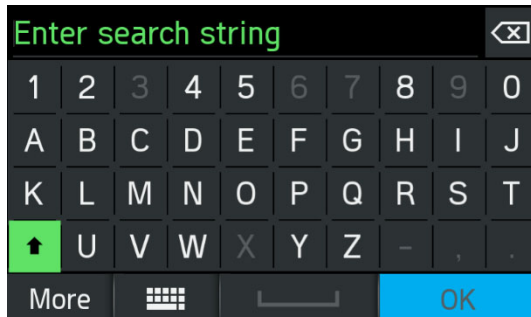


- Go through the list of phone book entries, and select the desired contact.
- > The telephone number/s of the selected contact is/are displayed.
- To initiate a call, select the desired telephone number.

## 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 the call list.

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



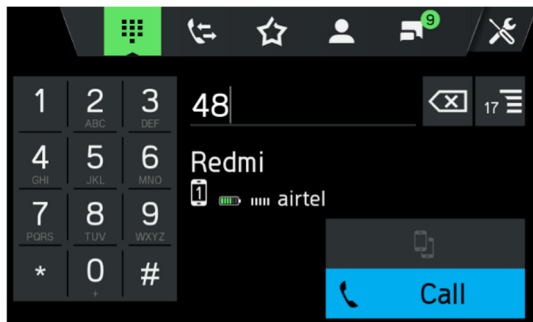
### Note


Phone numbers are not saved if the system is switched off or the mobile phone 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 phone number.
  - Use icon  to delete incorrect entries.
  - Tap on **Call**.
- > The entered telephone number is selected.

## Show matching contacts

If the user enters a number, matching contacts from the phone book 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 mailbox

- Enter the telephone number of the connected mobile telephone by hand.  
See chapter "Enter a telephone number".
- Select the mail entry with the telephone number of the connected mobile telephone.



### Note

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

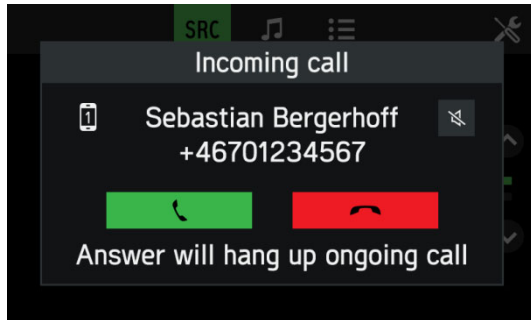
- Tap the green button  on the screen.

### 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:

- Tap the green button  on the screen.


To reject the second call and continue the first:

- 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 portal is deactivated, the icon  on the screen lights green.

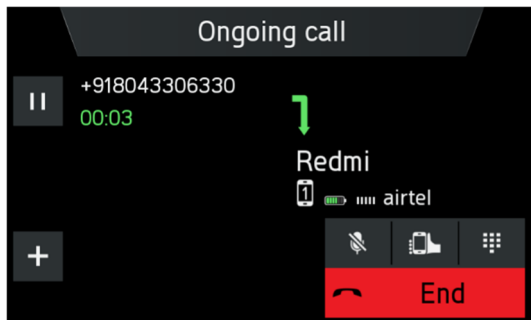




#### Note

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

## 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 phone book 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 appear.
- Select the desired option.
- Tap on **Call**.
- To merge the two active calls, tap on icon .

## Ending call

- Tap the red button  on the screen to end the call.

## PHONE BOOK SETUP

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

If you save new phone book entries on your mobile telephone, you can transfer these to the 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 system.

You can store up to 1000 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** ⑤ 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 card or in the 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 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** ③ 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** ③ button.
- Tap on .
- Select a favourite.
- > The contact is displayed.
- Tap on the icon .
- Confirm the security query with **Yes**.
- > The favourite is deleted.

## Display text messages



### Note

This function is not provided by every mobile telephone.  
In some regions, this function is not available due to legal restrictions.

- Press the **TELEPHONE** ③ 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**.

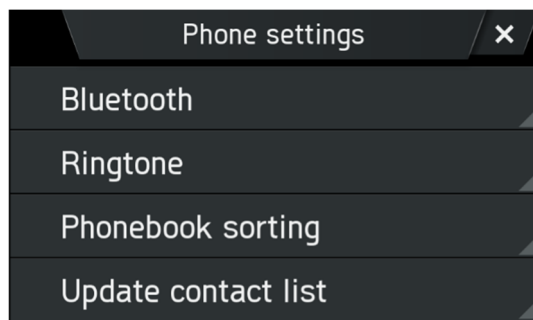
## TELEPHONE SETTINGS



### Note

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

- Press the **TELEPHONE** ③ 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".
- **Ringtone**  
For both primary and secondary telephone, the user can select between the telephone's ringtone or 3 ringtones available on the radio system and can adjust the ringtone volume. Default for the ringtones is telephone's ringtone for both.
- **Phonebook sorting**  
Select between the sorting options "First name, Last name" and "Last name, First name"
- **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 system is not ready for phone book download (sync not finished).




## APPENDIX

### OPTIONAL FEATURES/ SETTINGS

Optional features and settings might not be supported by your respective vehicle configuration and the state of your device.

#### Volume settings – Volume mixing

- Press the **SETUP** ⑤ button.
- Tap on the icon .
- Tap on the icon **Volume settings**.

Sets the relative background volume of all audio sources (radio or media) during ongoing call, traffic announcement or system notification 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.

## 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

Unit 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 D031838