

SCANIA



TRUCK INFOTAINMENT WITH 5" SCREEN





RADIO SYSTEM

This manual can be downloaded at: www.scania.com/manuals



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 **PHONE** button
 Phone functions
- ④ **DISPLAY** button
 Display settings
- ⑤ **SETUP** button
 Setting menu
- ⑥ Button 
 Return to previous view
- ⑦ **Right rotary encoder/ push button**
 Select menu item,
 change setting (rotate) call up menu
- ⑧ **Left rotary encoder/push button**
 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

This radio device was manufactured with the latest technology and in accordance with recognised safety regulations. However, it may be dangerous 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 to all users at all times.

THIS MUST BE OBSERVED!

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



Road safety

Road 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 changing system settings.
- You must always be able to hear the audible signals from the police, fire and rescue services in the vehicle in a timely manner. Therefore, listen to media at appropriate volumes while driving.



Risk of injury

You must not open or modify the device.

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



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 units (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 difficulties in reading the card. We recommend that you handle SD cards carefully.



Notes

- Do not expose the SD card to strong magnetic or electric fields. Data can be lost or the SD card may be destroyed.
- Do not expose to direct sunlight or high humidity.
- Do not expose to dirt, water or other liquids.
- Always insert the SD card in the correct position.
- Only insert or remove the SD card when the unit is switched off.

NOTES ON THESE INSTRUCTIONS

These instructions will familiarise you with the functions of the radio device and ensure its safe and successful operation.



Notes

- Read these instructions carefully and completely before first use.
- Keep these instructions where they will be accessible to 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 ⑤

Buttons:

e.g. ***Radio***

INTRODUCTION

FEATURE LIST

Mode	Feature
Radio	FM (18 stations) AM (18 stations) <ul style="list-style-type: none">- LW (6 stations)- MW (6 stations)- SW (6 stations) DAB (18 stations)* <ul style="list-style-type: none">- *) DAB may not be receivable in every region.
USB port	2 USB ports: <ul style="list-style-type: none">- Media data- Charging external media<ul style="list-style-type: none">- USB port 1: Provides current up to 1.5 A- USB port 2: Provides current up to 0.5 A
SD slot	- Media data
Connection to external storage media	<ul style="list-style-type: none">- MP3 player- USB flash memory- External audio sources via AUX-In
Phone link	- Connection with Bluetooth-enabled mobile phones



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:

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

In such conditions the radio reception is affected. However this is not due to faulty behaviour of the unit.

OPERATING MODES

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

Radio settings

- Press the **RADIO** ⑪ button to switch to the RADIO function.
See the "Radio" chapter for further details.

Media settings

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

Phone settings

- Press the Phone ③ button to start the phone function.
See the "Phone" chapter for further details.

OPERATION

Controls

The system can be operated using the 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 capacitive touch display. Only use your fingers. Do not use sharp or hard objects such as pens or pencils to operate 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 between views from left-to-right or right-to-left 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 then instruct the unit to complete the function.
- Press the  ⑥ button 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/push button ⑦ clockwise or anti-clockwise.

To activate the selected menu item:

- Press the right rotary encoder/push button ⑦.
- > The corresponding system function is activated or a message or a view with additional options is displayed.



Note

In the main audio and phone menus, 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/push button ⑦:


- Rotate the right turn/push button ⑦ clockwise or anti-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 the last active tab is not available, the 2nd tab is shown. As soon as the user navigates to another tab in 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 the "Introduction" chapter, sub-chapter "System settingsSystem settings"

TURNING ON THE SYSTEM

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




Note

If the unit is turned off manually using the left rotary encoder/push button ⑧ it needs to be turned on again by pressing the left rotary encoder/push button 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/push button ⑧.
- > The current setting is displayed.
When the system is turned on, the last selected volume is set.
- Press the left rotary encoder/push button ⑧ to mute the unit or return to the original volume.
- > If the volume is muted, the  icon is displayed on the screen.

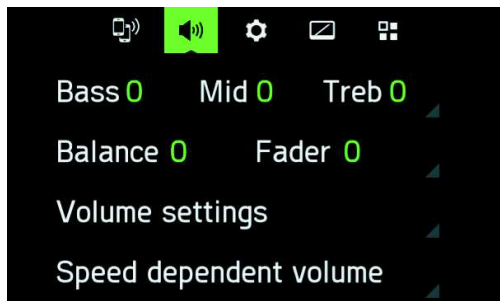
CUSTOMISE SETTINGS

The following examples describe the method of changing the settings available in the different menus using the menu options on the screen or the right rotary encoder/push button ⑦.

Sound settings



With the touch screen:

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



Notes

To change the settings you can proceed as follows:

- Tap on one of the screen buttons ( / ) to change the audio settings.
- Move the slider on the touch screen.
- Move the slider by rotating the right rotary encoder/push button 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:

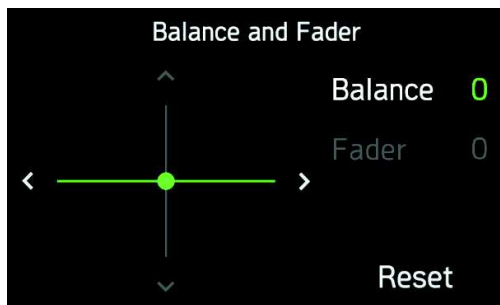
Use this setting to modify the high frequencies of the audio source.

Subwoofer level (optional):

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

Balance (optional):

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



**Fader*:**

**) The fader is dependent on speaker configuration. Currently the fader is disabled in all trucks.*

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

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**  button.
- > Tap on the  icon.

**Notes**

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

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



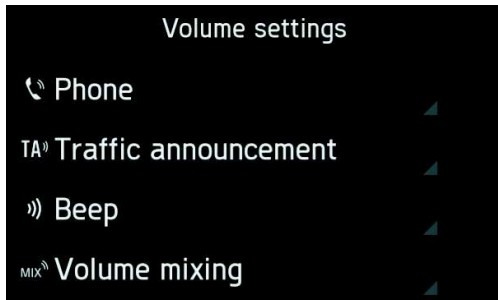
Note

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

VOLUME SETTINGS

Adjusting volumes

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



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

Adjusting the phone volume

The phone volume can be adjusted during a call using the left rotary encoder/push button (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.



Note

If the volume of the phone is changed, the ringtone volume also changes.

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/push button ⑧. When the message has been completed or is cancelled, the volume is automatically reset to the original setting.

Adjusting the volume of beeps

The volume of the traffic announcements can be adjusted, when beeps are activated in system settings.

Volume mixing

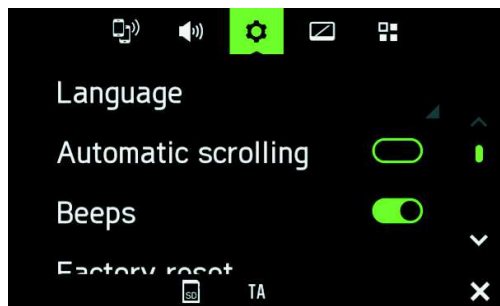
Sets the relative background volume of all audio sources (radio or media) during ongoing call, traffic announcement or system notification dependent on vehicle speed.

- If the value is set to “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 SYSTEM SETTINGS menu.

- 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/push button ⑦:

- Rotate the right rotary encoder/push button ⑦ clockwise or anti-clockwise to select a menu item.
- Press the right rotary encoder/push button 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 changed the language settings.



Note

If **Automatic** is selected, the language is set via instrument cluster.

Automatic text 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 scroll automatically from right to left, so that the user can read the rest of the text on the respective entries.

Beeps

Activating or deactivating beeps (touch-click):

If the **Beeps** option is activated, a sound is emitted every time you tap the screen. If the **Sounds option** function 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.

Factory reset

This menu entry allows the deletion of all personal data.

- Select the menu item **Factory reset**.
- > A popup requests user acknowledgement.
 - **Yes** = Deletes all personal data
Another popup informs the user that personal data has been deleted
 - **No** = Cancels the query
Goes back to the menu

Software version

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

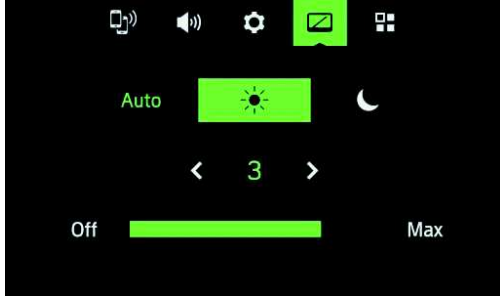
Bluetooth settings

For details, see the "Phone" chapter, 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 are one automatic and two manual modes ( day or  night) in the system.

If you select **Auto**, the system changes automatically according to the headlights of the vehicle. If you select  (day) or  (night), the headlights do not change.

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

Note

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

With the right rotary encoder/push button ⑦:

- Rotate the right rotary encoder/push button ⑦ clockwise or anti-clockwise to select a menu item.
- Press the right rotary encoder/push button ⑦ to change the setting.

DRIVER PROFILES

If a new driver card is inserted, all settings will be updated per the settings stored on the driver card. If no settings are stored on the driver card, the previously active settings will still be used.

If a driver card is removed, all settings are kept as they are. If the user changes any setting without a driver card being inserted, these changes will not be stored to any driver ID.

THEFT PROTECTION

Theft protection is activated when the vehicle identification number (VIN) of the vehicle does not match the device VIN number.

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

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 system.
- Press the **RADIO** ⁽¹⁾ button.
- > The radio function is activated.
The last station you listened to is played after activating the radio.



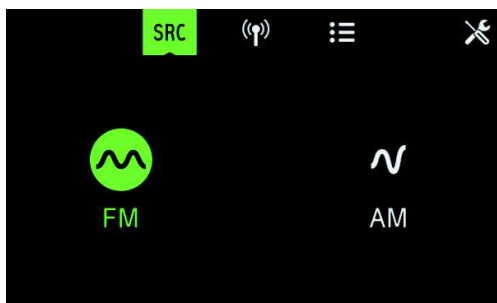
Note

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



Select band

- Press the **RADIO** ⁽¹⁾ button.
- Tap on the **SRC** button.
- Select the desired band.
 - **FM, AM** or **DAB** (if available)



- > The last station played on the selected band is played.



Notes


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

TRAFFIC ANNOUNCEMENTS (TA)

The TA function is only available in FM radio mode.

If the TA function is activated and the 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/push button .

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 broadcast traffic announcements, the system automatically tunes to a radio station that broadcasts 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 the touch screen:

	Auto seek to previous available station
	Auto seek to next available station
	Manual tune to previous frequency by specific step
	Manual tune to next frequency by specific step.





Via push buttons ①:

- Short press:
Switch to next/previous preset (radio) or next track (media)
- Long press:
Switch to next/previous station on station list (radio)

Automatic station search

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



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



Note


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

Manual tuning





Using the right rotary encoder/push button ⑦:

- Rotate the turn/push button in the RADIO menu; clockwise or anti-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.
- Press on the  or  button or on the  or  button on the touch screen.
- Rotate the right rotary encoder/push button ⑦ clockwise or anti-clockwise.

STORE RADIO STATIONS

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



- Select the desired band.
- Set the desired station.
- Press and hold one of the station buttons until you hear a beep.
- > Pressing the corresponding station button retrieves the station from the station memory.




Note

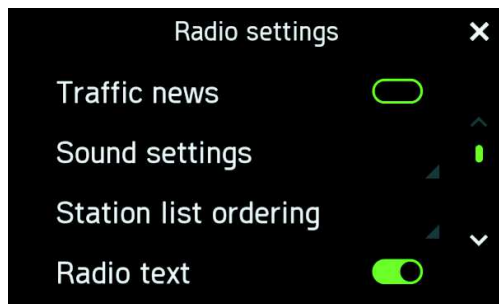
If you do not hear a beep when saving the radio station, it may be that the system sounds are deactivated. To activate the system sounds, see the "Introduction" chapter, sub-chapter "Customise settings".

RETRIEVING RADIO STATIONS

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

RADIO SETTINGS


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



The following menu items are available:

- **Traffic news**
Enables or disables traffic announcements.
- **Sound settings**
The Sound settings menu opens. For more details see the "Introduction" chapter, sub-chapter "Sound settings".
- **Station list ordering**
Station list order menu opens. Select if you want to order the saved stations alphabetically (A-Z) or By frequency
- **Alt. frequency**
Enables or disables the alternative frequency function
- **Regional (REG)**
Regionalisation can only be enabled if Alternative Frequency is activated.
If this feature is switched on there will be no moving around between the different regional programs of any given station.

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 an SD card (via the USB port/adaptor) can be connected to the USB port.

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



Notes

- The system does not support all MP3 players, USB drives, SD cards or hard drives.
- An Apple iPad cannot be charged via the USB port.

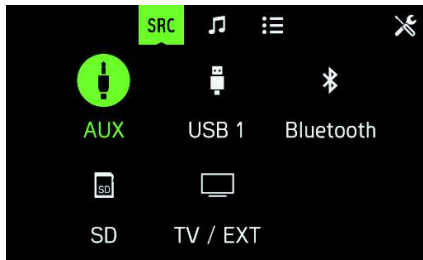
IMPORTANT INFORMATION

- 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 / playlists: 5,000
- Max. number of files / songs: 15,000
- Max. number of files / songs per folder / playlist: 6,000
- 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 later versions cannot be guaranteed.
- Compatible 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 on an MP3 player or USB drive

- Connect the MP3 player/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.
- > The unit starts playing audio files from the SD card.

Playing files from a USB mass storage device

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

The orientation of each picture depends on the source medium. There is no option for the user to rotate pictures.

The user can select an image from within the USB browsing 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 anti-clockwise switches to the next or previous picture.
- Selecting the close button shows the USB browsing menu again.

Video Player

The USB browsing menu for videos shows the name of the video file, the total play time, a play icon, and a progress bar if available showing the streaming position where video was stopped.

If you select a video file with no resume information, the video player is shown directly and video starts playing from the beginning. Subtitles (Captions) and Chapter Browsing are not supported.

BLUETOOTH AUDIO CONNECTION

Important information

- The system only supports Bluetooth devices with support for 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 connecting the Bluetooth device to the system.

Connecting a Bluetooth device

Important information

- One Bluetooth device can be connected to the system at the same time.
- A maximum of 10 devices can be paired to the system.
- Only one connected device can be attached to the system at a given time.

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**.



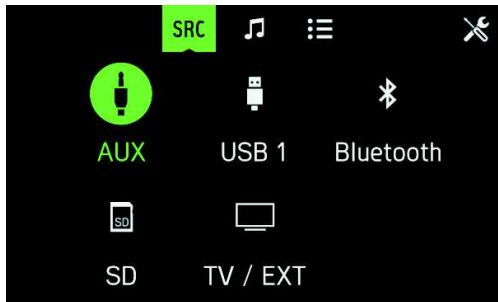
Notes

- If other Bluetooth devices were previously connected to the system, the previously connected device is disconnected.
- If the Bluetooth connection fails, follow the procedure to connect again or refer to the user handbook for the Bluetooth device.


Bluetooth music mode

Activating Bluetooth music mode

- Press the **MEDIA** ¹⁰ 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 

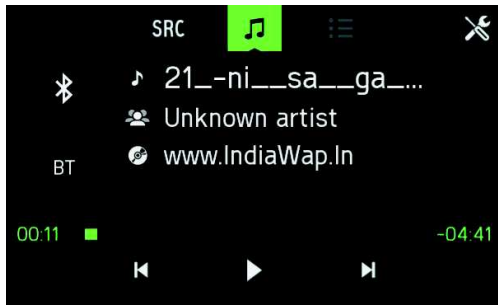
Resume playback:

- 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:

- Bluetooth functionality of the system must be activated.
- Bluetooth functionality 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** ¹⁰ 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/push button ⁸.

MEDIA SETTINGS

- Press the **MEDIA** ¹⁰ button and tap on the  icon.
- > The **Media settings** menu is displayed.

The following menu items are available:

- **Traffic news**

Enables or disables traffic announcements.

- **Sound settings**

The SOUND SETTINGS Menu opens. For more details see the "Introduction" chapter, sub-chapter "Sound settings".

- **Bluetooth**

BLUETOOTH Menu opens. For more details see the "Phone" chapter, sub-chapter "Bluetooth connection"

PHONE*

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



Note

You can only connect Bluetooth mobile phones 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 phone must be connected via Bluetooth to the system.

If the Bluetooth connection is established between the system and the phone, you can make calls using the microphone and the loudspeaker in the car.



Note

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

GENERAL INFORMATION



Note

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



Traffic safety

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



Note

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

Bluetooth profiles

The Bluetooth profiles HFP, PBAP, A2DP, PAN, SPP and MAP are used in accordance with the Bluetooth standard. The Bluetooth phone 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 mobile phone 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 phone line exchange). Perform the following steps to open the BLUETOOTH SETTINGS menu:

- Press the **SETUP**⁵ button and tap on the  icon.
- Tap on the menu item **Bluetooth**.
- > The BLUETOOTH SETTINGS menu is displayed.

The following menu items are available:

- **Bluetooth**

Enable or disable Bluetooth for the head unit.

- **System is visible**

This menu entry makes the main 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 in the main unit.

- **Set system name**

This option allows you to set the system name of the main 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 you to set 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 "Media" chapter, sub-chapter "Bluetooth audio connection", section "Connecting a Bluetooth device".

Connection to another paired device

- Tap on **List of paired devices** in the BLUETOOTH SETTINGS menu.
- > 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.

i Note

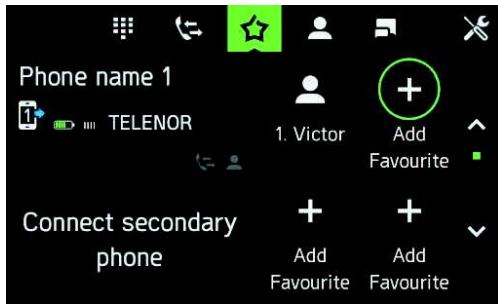
- If another Bluetooth device was previously connected to the system, it is now separated.
- There can be up to 2 Bluetooth devices connected to the system, regardless of whether they are audio streaming devices, mobile phones or combination devices (e.g. mobile phones with integrated MP3 player).
-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

Management of two phones

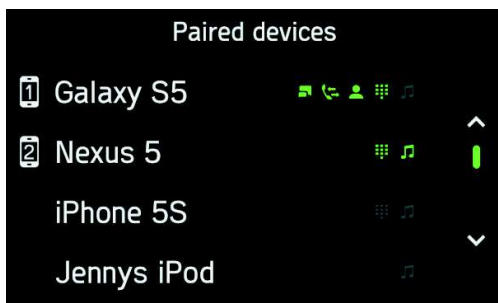
i Note

- 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 switch the primary and secondary phone.
- On the Favourites tab, it is also possible to select the phone to be used for outgoing calls when dialling from favourites, call lists, phonebook or messages. On the keypad the required phone can be directly selected to establish the call.

Disconnecting a paired device



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



- Select the desired Bluetooth device.
- Tap on **Delete pairing**.
- Tap on **Yes** to confirm the deletion.
- > The device is removed 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 phone for essential calls (e.g a medical emergency). On some networks, you will need a valid, properly set up SIM card in the phone. Under certain circumstances, emergency calls cannot be made via the mobile network. Sometimes emergency calls are not possible when certain network services and/or phone 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 using your phone through the system.



Note

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

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



Note

Not all mobile phones support the functions of the phone connection.

Control elements on the control panel

- Left rotary encoder/push button ⑧ for volume control.
- The **PHONE** ③ button displays the phone 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 phone (To activate Bluetooth, see instructions for use of the device).
- The mobile phone must be set to "visible" (see instructions for the device).

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

Activate hands-free mode

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



Note

If "No phone" continually appears, check whether Bluetooth is activated and the phone is connected to the system.

- > The mobile phone 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 phone to the system.

Using the phone book

The contacts in the phone book are stored with multiple phone numbers (up to 4), address, notes and images.

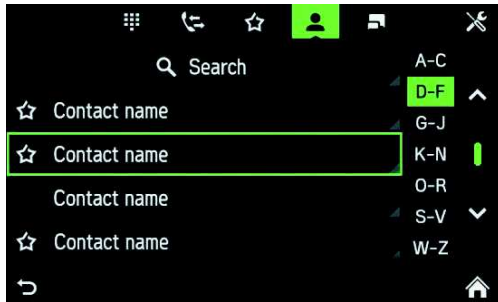
To make a call using the phone book:

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

Search for a phone 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 menu.
- > The SEARCH menu is displayed.



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



Note

Tap on **Delete** to delete an entry from display. The entry will still exist in your phone.

Using call lists

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

- Tap on Call lists in the PHONE menu.
- > The CALL LISTS menu is displayed.
- To make a call, select the desired number from the list.

Select a phone number again

The last phone number selected can be repeated.


- Tap on **Call** in the phone menu.
- > The displayed phone number is selected.

Enter a phone number


Tap on the button  in the PHONE menu.

> The following screen is displayed.



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

Show matching contacts

If the user enters a number, matching contacts from the phonebook or favourites are shown with their contact names. 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 phone number of the connected mobile phone by hand.
See chapter "Enter a phone number".
- Select the mail entry with the phone number of the connected mobile phone.



Note

You may need to enter a mailbox passcode on the mobile phone 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 phone number or name (if available) of the caller is displayed.

Answering the call:

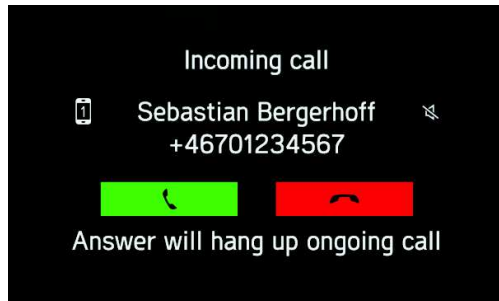
- Tap the green **Accept** button on the screen.

Reject call:

- Tap the red *Hang up* button on the screen.

A second incoming call

If you receive a second call during an active call, a message with the phone 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 PHONE menu is displayed during the current call.


Temporarily deactivate hands-free mode

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

To return to hands-free mode,


- Tap again on the  icon.

Temporarily deactivate the microphone

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

To turn on the microphone again:

- Tap on the  icon again.

If the microphone of the phone portal is deactivated, the  icon on the screen turns green.




Note

If the ignition is switched off during a phone 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 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 established.



- In the ONGOING CALL menu tap on the  icon.
- > The Menu ADD A CALL WITH occurs.
- Select the desired option.
- Tap on **Call**.

Ending call

- Select the red screen button to end the call.

PHONE BOOK SETUP


If you have connected a mobile phone with the system, your mobile phone book with phone numbers and names (if available) is downloaded to the system automatically. Depending on how many numbers are in your phone book and the connected phone, this may take several minutes.

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

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

Each phone book entry (contact) can include a first and last name and up to 4 phone numbers in different categories: "Office", "Private", "Other" and "Mobile". The mobile phone book can contain certain information that is not downloaded to the system. You can store up to 2,500 contacts.

Update the phone book


- Press the **SETUP** ⑤ button.
 - Tap on the  icon.
 - Tap on **Update contact list**.
- > The data download from the connected mobile phone begins.



Note

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

Sort the phone book

- Press the **SETUP** ⑤ button.
 - Tap on the  icon.
 - Tap on **Sorting the contact list**.
 - Choose a type of sorting.
- > The contact list is sorted.

Phone book on the SIM card or in the phone memory

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



Note

For details, see the instructions of your mobile phone.

Both phone books of the connected mobile phone are downloaded to the system. You can display the entries of both downloaded phone books (which is available).



Note


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

Add favourites

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

- Press the **PHONE** ③ button.
 - Tap on **Favourites**.
 - Tap on **Add favourite**.
- > 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 **PHONE** ③ button.
- Tap on **Favourites**.
- 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 phone.

- Press the **PHONE** ③ button.
- Tap on **Text messages**.
- > 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**.

PHONE SETTINGS



Note

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

- Press the **PHONE** ③ button and tap on the  icon.
- > The PHONE SETTINGS menu is displayed.



The following menu items are available:

Bluetooth

The BLUETOOTH SETTINGS menu opens. For more details see the "Phone" chapter, sub-chapter "Bluetooth connection".

Ringtone

For both the primary and secondary phones, the user can choose between the phone's ringtone or 3 ringtones available on the radio system and can adjust the ringtone volume. The default for the ringtones is phone's ringtone for both.

Phonebook sorting

Select between the sorting options "First name, Last name" and "Last name, First name"

Update contact list


Allows a manual update of the phone book of the connected phone. 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.



Sound settings - Subwoofer level

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



Note

To change the settings you can proceed as follows:

- Tap on one of the screen buttons ( / ) to change the audio settings.
 - Move the slider on the touch screen.
 - Move the slider by rotating the right rotary encoder/push button ^⑦.
- Use the **Subwoofer level** setting to modify the subwoofer level of the audio source.

CERTIFICATION INFORMATION

Radio Equipment Directive – Declaration of Conformity

Hereby, Harman Becker Automotive Systems GmbH declares that the radio equipment type **AUS4 Basic** is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet Address: (*1)



(*1) <http://www.harman.com/compliance>

Bluetooth: 2400 - 2483,5 MHz <10 dBm

Fabricante:

Harman Becker Automotive Systems GmbH
Becker-Goering-Strasse 16
76307 Karlsbad,
Germany

ECE type approval

Unit AUS4 Basic was reviewed by the directive UN/ECE R10 and registered and type approved by the SNCH authority in Luxembourg. This is shown by type approval number as follows.



USA / CANADA:

FCC ID: T8GAUS4BASIC

"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been designed and complies with the safety requirements for portable RF exposure in accordance with FCC rule part §2.1093 and KDB 447498 D01.

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。
。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Bluetooth approval

Bluetooth approval for AUS4 Basic



Bluetooth®
Qualified Design
ID number D031838 (Basic)