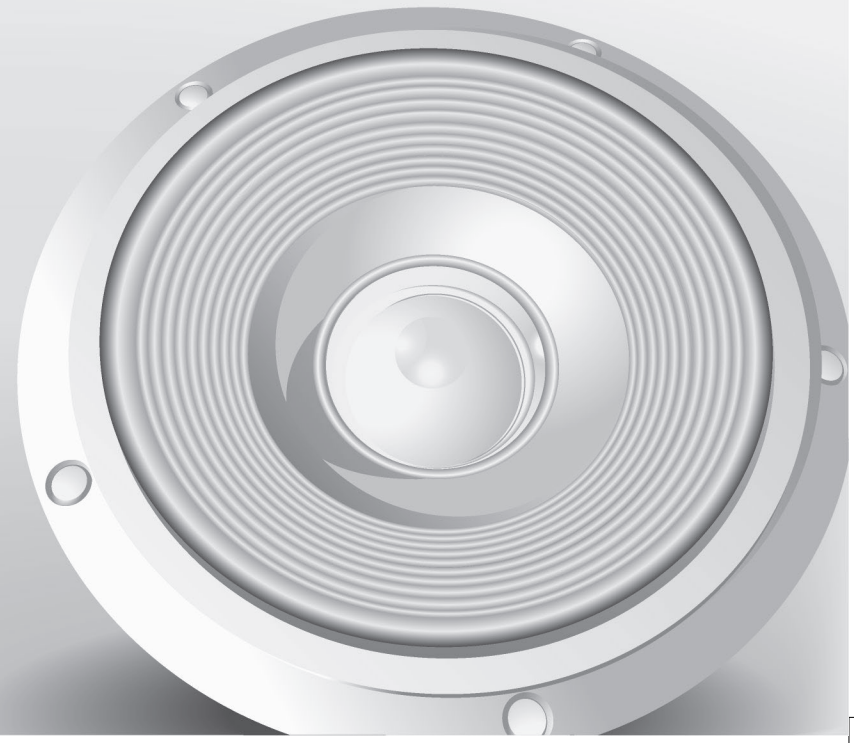
Composition Touch (R 340G)
Radio



Composition Touch (R 340G):
Radio
Stand: 06.01.2017 | BAN - OP: XXXXXX
Englisch: 04.2017
Artikel-Nr.: 181.5L6.R34.20

Description of symbols

Refers to a section within a chapter which contains important information and safety notes. ⚠ Such reference must always be observed.

MEDIA A button with blue uppercase letters represent printed radio buttons visible on the device.

Config. A button with black upper/lower case writing or a button with a symbol, individually or in combination, represent function surfaces on the display and will only be visible when the radio is turned on. For better visualization in the tables the function surfaces may be represented without the button but with the symbol enlarged.

Indicates that the section is continued on the next page.

Indicates the end of a section.

Indicates situations in which the vehicle must be stopped as quickly as possible.

® TM These symbols indicate a trade mark. However, the absence of this symbol does not constitute a waiver of the rights concerning any term.

→ ⚠ → ⚠ Symbols of this type reference warnings within the same section or page, indicating potential risks of accidents and injuries, as well as how they can be avoided.

→ ⚠

→ ⓘ Cross reference to information about possible damage to your vehicle within the same section or on a given page.

DANGER

Texts with this symbol indicate extremely dangerous situations, which may lead to fatal or severe injuries if you do not observe the warning.

WARNING

Texts with this symbol indicate dangerous situations which will lead to fatal or severe injuries if you do not observe the warning.

CAUTION

Texts with this symbol indicate dangerous situations, which may lead to light or severe injuries if you do not observe the warning.

NOTICE

Texts with this symbol indicate situations, which may lead to damages to the vehicle or its equipment if not observed.

Texts with this symbol are environment preservation recommendations.

Texts with this symbol contain additional information.

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Manual printed in paper bleached without the use of chlorine.

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About this manual

Read this instruction before operating the radio.

All versions and models are described without being identified as special versions or model variations. Therefore, this manual may describe equipment not available in your specific vehicle model. Please refer to a Volkswagen Dealership for additional information.

All details provided in this manual correspond to the information available at the time this manual was printed, and apply only to factory-fitted equipment. Due to continuous technical improvement of the vehicle, actual vehicle features and equipment may differ from the indications provided in this manual. No claims may be derived from the differing details, illustrations or descriptions.

In case you lend or sell the vehicle to a third-party, ensure that this manual is included and that all data and files saved in the unit are deleted.

– An alphabetical index is included at the end of this manual.
– A list of abbreviations detailing technical terms and acronyms can be found at the end of the manual.
– Directions and positionssuch as left, right, front and rear are normally relative to the vehicle's direction of travel, unless otherwise indicated.
– Illustrations assist with orientation and should be regarded as schematic representations. ◁

Introduction

Before using the unit for the first time

Control list

Before first use, following steps should be executed to safely operate the radio and make full use of its features:

✓ Observe basic safety notes ⚠ → page 3.

✓ Get familiar with the operation of the radio.

✓ In **System Configurations**, reset the radio to its factory settings → page 35.

✓ Use appropriate data storage units for media operation → page 19. ◁

Other applicable documents

Apart from this manual for the use of this radio and its components please also see the following documents:

– Operating Manual and, if the case, posterior records in the service wallet.

– Operating Manual of the mobile telephone system.

– Operating Manual of the external multimedia units.

– Instructions for a retrofitted accessory. ◁

Overview of the convenience consumers

The radio may be factory equipped with the following components[1], in part as optional equipment:
Loudspeakers, installed in different fitting locations and output levels (Watt).
Multifunction steering wheel with its controls.
Media units.

[1] the type and quantity of the cited components are country and device specific and may vary in a model series and, in addition, be different in a special model.

The radio may be factory equipped with the following components[1], in part as optional equipment:
Cable connections to the external multimedia units.
Wireless connection for external multimedia devices.
Mobile phone interface.
Audio system, in part, subwoofer.

[1] the type and quantity of the cited components are country and device specific and may vary in a model series and, in addition, be different in a special model. ◁

Safety recommendations

Prior to first use of the device, read and follow the safety instructions listed below to detect and prevent possible hazards to yourself and others:

– Read this instruction with attention:

– Some function areas may contain links to third party web pages. Volkswagen does not take ownership of third party web pages accessible through links and is not responsible for their content.

– Some function areas may contain third party information, originated by other suppliers. Volkswagen does not take responsibility for the accuracy, actualization or integrity for third party information and does not infringe third party rights.

– The radio stations or the owners of data sources are responsible for the broadcast content.

– Covered parking places, tunnels, tall buildings, mountains or additionally operated electric equipment, such as battery chargers, may also interfere with the radio reception.

– Metal-coated stickers or films may hinder reception in vehicles with window aerials.

⚠ WARNING

Accidents and injuries can occur if the driver is distracted. Operating the radio may distract drivers from the traffic.

- Always drive carefully and responsibly.
- Adjust sound volume settings to allow the driver to hear external warnings and sounds (e.g. emergency service sirens) ▶

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- Excessively high volumes may compromise hearing. This also occurs when vehicle occupants' hearing is submitted to high volumes, even if briefly.

WARNING

Sudden volume variations may occur when switching or connecting an audio source.

- Reduce the master volume before connecting or switching audio sources.

WARNING

Connecting, inserting, or removing data storage units while driving may distract the driver from his/her surroundings and cause accidents.

WARNING

External device connection cables could hinder the driver's movement.

- Arrange connection cables so that they do not obstruct the driver.

WARNING

Loose or unsecured external devices may be flung through the vehicle interior and cause injuries in case of sudden evasive or breaking manoeuvres or in the event of accidents.

- Never place or attach external devices on doors, windscreen, on or near areas marked with “AIRBAG” on the steering wheel, dashboard, seat backrests, or between these areas and vehicle occupant himself. External devices may cause severe injuries in the event of accidents, especially if the airbags are triggered.

WARNING

An armrest could restrict the movement of the driver's arms and lead to severe accidents and injuries.

- Always keep the armrest closed while driving.

WARNING

In explosion prone places, turn mobile telephones off!

WARNING

Unfavourable light conditions and a damaged or dirty display may cause information and indications not able to be read or be correctly read on the display.

- Indications or information on the display must never be a reason to run a safety risk. The display is not in condition to replace the drivers attention.

WARNING

Radio stations may broadcast danger and catastrophe warnings. The following conditions prevent radio stations from being received:

- If your current location is in a region of poor or no reception. Such region includes tunnels, urban canyons, parking garages, underground passageways, mountains and valleys.
- If, in areas with sufficient signal strength, the the bandwidths of the radio stations present interferences or are unavailable
- When the necessary vehicle components required for radio signal reception are damaged, inoperative or without sufficient electric power.

NOTICE

In environments with special prescriptions and when the use of mobile phones is forbidden, the mobile phone must always be turned off. The radiation generated by mobile phones may cause interference with sensitive medical devices and technical equipment, which may result in their failure or damage.

NOTICE

The vehicle's loudspeakers may be damaged if the volume is too high or the sound is distorted.

NOTICE

Introduction of objects, incorrect placing and introduction of data storage units of different shapes and sizes may damage the media readers and the radio.

- Ensure correct insertion position when inserting a data storage unit .
- Insert only adequate data storage units into the respective media reading units.
- Excessive pressure could break the SD card slot lock. ▶

NOTICE

Foreign matter and liquids adhering to a data storage device may damage the media reading unit and the radio.

- Do not attach stickers or similar materials to data storage units. Stickers may peel off and damage the media reading unit.
- Do not use data storage units with printable data. Residues and stickers may peel off and damage the media reading unit.
- Use only dry, clean, adequate and non-damaged SD cards. ◁

Instructions for use

- When using the radio, follow the specific national recommendations and legal determinations.
- To operate the radio a light touch on the button or screen suffices.
- To make the best of the radio's features and optimal operation it is important that the date and time be correctly set.
- Some of the function surfaces and modes detailed herein may not be available due to varying market-specific unit software available. The absence of a button or function surface is not a defect of the radio.
- Depending on the country, some functions of the radio are no longer selectable on the display as of a certain speed threshold. This is not a functional fault, but rather a legal obligation.
- In certain countries there may be restrictions regarding the use of Bluetooth®[1] devices. Additional information may be obtained from local authorities.
- The display of all indications and the execution of the functions are only available after the complete start up of the radio. The start up time of the system depends on the scope of the radio function and can last more than usual especially at low and high temperatures.
- After a disconnection of the vehicle battery, turn the ignition on before switching on the radio.
- Upon changing the settings, displays may vary and the unit may behave in a partially different way from the described in this manual.
- The radio is connected to the vehicle. The system cannot be operated through a different vehicle.
- In order not to impair its operation, repairs and modifications to the radio may only be performed by a specialized company.
- The use of a mobile phone in the vehicle may cause noises in the vehicle's loudspeakers.
- With the engine turned off and low battery charge, the radio is automatically turned off.
- High speeds, poor weather and road conditions, as well as a high noise level (also outside the vehicle) and the the network quality may impair a phone call in the vehicle.
- In some vehicles equipped with Park Pilot, the current audio source volume is automatically reduced when the reverse gear is selected. The volume reduction can be configured in the vehicle → Booklet *Operating Manual*, chapter *Park Pilot menu*.
- Information on the radio's software and license conditions are stored in the radio: ▶ MENU ▶ Config. ▶ Copyright. ◁

Device overview

Introduction

The radio is supplied in different versions of the device which are distinguished from each other by its group of functionalities, inscriptions and button functions as well as by the lay out of the controls.

Power management

When, with the ignition turned off and the device on, the battery power falls below the minimum voltage of the electrical network, an acoustic signal sounds and the message **LOW BATTERY** is displayed. In this case, the unit must be switched off. ◁

[1] Bluetooth® is a registered trademark of Bluetooth® SIG, Inc.

Overview

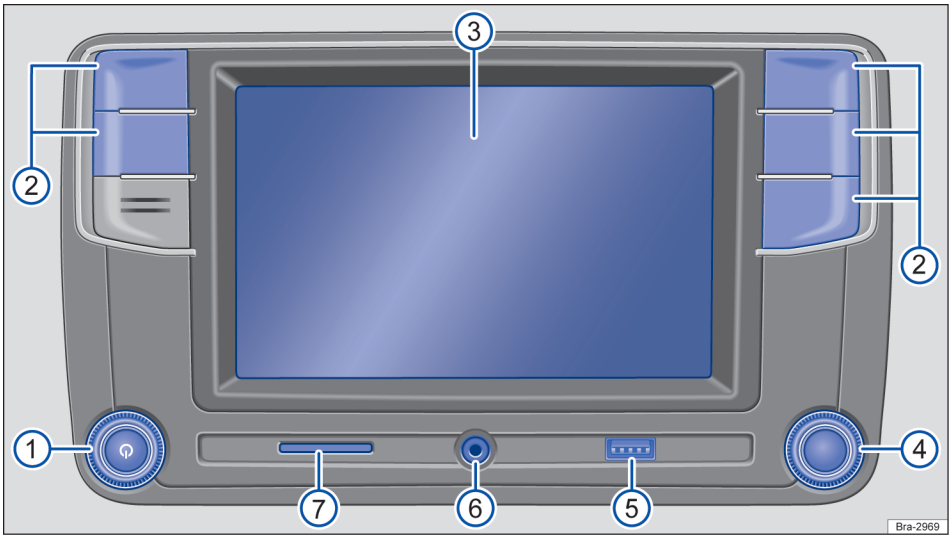

Fig. 1 Control overview.

The unit is supplied in different variations, distinguished by the unit's button functions and letterings → Fig. 1 ②.

① Turn and touch button→ page 7:
- *Press* to turn the unit on or off.
- *Turn* to adjust the base volume of the corresponding active source.

② **Radio buttons:** *press* to access a function surface → page 7.

③ **Display:** touchscreen → page 8.

④ **Settings button:** the function is conditioned to the respective operating condition.
- In **all radio modes**, *turn* to open the list of stations, and *press* to start/stop the SCAN feature → page 15.
- In **media mode**, *turn* to open the playlist → page 19.
- *Turn* to select menu options in long lists and *press* to access the selected entry (e.g. selecting a station from a list of stations).

⑤ **USB port:** to connect external data storage units → page 19.

⑥ **AUX-IN multimedia port:** to connect external audio sources → page 19.

⑦ **SD card slot:** to insert SD cards → page 8. ◁

Rotary and push knob

Rotary/push knobs

The rotary and push button → Fig. 1 ① is referred to as volume control or on/off button.

The right turn and push button→ Fig. 1 ④ is referred to as control.

Turning the radio manually on or off

Press the on/off button briefly → Fig. 1 ①.

Turn the radio on or off automatically

According to its version, the unit is automatically turned off when the engine is turned off or the ignition key is removed from the ignition lock. If the radio is manually switched on again, it will be automatically switched off after approximately 30 minutes (timeout).

Volume increase ore decrease

Once on, the radio starts to operate at the last adjusted volume level, as long as the maximum pre defined turn on volume is not surpassed → page 35.

– Turn the volume control (right or clockwise to turn up and left or counter clockwise to turn down)

Some volume adjustments can be preset → page 35.

Mute

When in mute mode, the active audio source is interrupted or muted The indication can be seen on the display screen 🔇.

– Turn the volume control button counter clockwise until audio can no longer be heard. ◁

Anti-theft coding

The unit is protected against theft and unauthorized use by a security code (anti-theft coding) .

After its first being entered, the anti theft code is saved to the memory of the vehicle (convenience coding of the radio) If the anti-theft coding has to be manually deactivated, e.g. when installing the unit in another vehicle, please contact a Volkswagen Dealership.

If the vehicle battery has been disconnected, switch the ignition on before switching the unit on. ◁

Radio buttons

To operate the radio buttons→ Fig. 1 ② press them *shortly* or *protractedly*.

RADIO: turn on in radio mode and then change the frequency band → page 15.

MEDIA: change to media mode and from there select the media source → page 19.

PHONE: access the telephone interface. If there is no telephone interface installed, the current audio source is muted→ page 33.

APP: access the interface with App-Connect → page 11.

SETUP: *press* to show additional functions related to the current mode (radio, media, etc.). → page 35. ◁

Display

Clean the display

To clean, turn the radio off.

To clean the display, use a soft and clean cloth, lightly humidified with clean water **or** a cleaning cloth that may be obtained at a Volkswagen dealership → ⓘ.

Soften resistant dirt with a humidified cloth, taking care not to damage the radio.

NOTICE

Do not dry clean the display. Doing so may cause scratches that cannot be removed.

- Do not use aggressive or solvent-based cleaning products. Such cleaning products may damage the radio and leave the display “misty”.
- Exert only a light pressure when cleaning the display. ◁

Selector button

The selector button → Fig. 1 ④ can be turned or pressed. When *turned*, lists are searched or radio station lists or of media titles are opened. When *pressed* marked records are accessed, configurations are set and functions started or interrupted. ◁

SD card slot

Only 32 mm x 24 mm x 2,1 mm (1,26 x 0,94 x 0,083 inch) **or** 32 mm x 24 mm x 1,4 mm (1,26 x 0,94 x 0,055 inch) SD cards can be inserted into the SD card slot → Fig. 1 ⑦.

Only supported audio files are shown → page 19. Other file types are ignored.

Inserting an SD card

Insert the SD card carefully into the SD card slot with the chamfered edge up and the inscriptions to the left (contact surfaces downward).

If the SD card cannot be inserted, check the insertion position and the SD card.

Ejecting the SD card

To prevent data loss, an inserted SD card **must** be prepared for ejection by the following procedure: ▶ SETUP ▶ Safely remove. ▶ SD card.

Next, press the inserted SD card. The SD card "jumps" into ejection position and can be removed.

Unreadable SD card

When a memory card with unreadable data is inserted, a corresponding message is shown on the radio's display.

Volkswagen is **not** responsible for SD cards and same are not offered together with the radio. It is necessary to have an SD card to use it on the radio.

Do not use any SD card adapter.

An SD card with navigation data cannot be used as storage for other files, the saved files are not recognized by the radio. ◁

Basic command information

Introduction

◁

Function surface and display controls

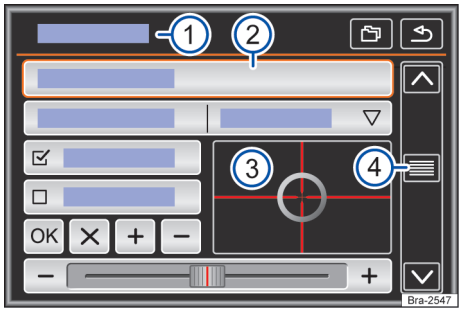

Fig. 2 Schematic representation: overview of possible function surfaces on the display.

The device is equipped with a touchscreen → Fig. 1③.

Active display areas with recorded functions are referred to as "function surfaces" and operated by brief *touches* or extended *touches* on the display. Function surfaces are described herein by the word "function surface" and the button symbol ▢.

Function surfaces start specific functions or open other submenus. The currently selected menu is indicated on the title line of submenus → Fig. 2 ①.

Inactive function surfaces (grey) cannot be currently selected.

Overview of possible function surfaces and displays

Function surfaces and displays: action and effect	
①	The title line indicates the currently selected menu and, eventually, other function surfaces.
②	Touch to open a different menu.
③	Gently press to move the target over the display in a single move. ▶

Function surfaces and displays: action and effect	
	OR: touch the desired display position to move the target to such position.
④	Gently press to move the scroll bar over the display in a single move, and scroll through the lists → page 9.
	Touch to gradually close some lists one level above.
	Touch to gradually close submenus until returning to the main menu or to undo previous entries.
	Touch to open a pop-up window containing additional settings.
/	Some functions or displays are selected through a checkbox and activated ☑ or deactivated ☐ through touch.
OK	Touch to confirm an entry or selection.
	Touch to close a pop-up window or entry mask.
+ / -	Touch to gradually change settings.
	Gently press to move the scroll bar over the display in a single move.

Selecting and accessing list entries with the control button
Turn the control button to sequentially select list entries through a checkbox and search the list.
Press the control button to access the selected list entry.

If the available entries on a list do not fit the display, function surfaces or a scrollbar are shown on the right-hand side to scroll through entries → Fig. 3 ①.

Search lists (scroll)	
Search by list line	Briefly touch the function surface ⌃ or ⌄.
Search by list page	*Briefly touch* the top or bottom of the scroll bar.
Quick search by list page	*Touch and hold* the top or bottom of the scroll bar.
Quick search in long lists	Place finger over the scroll bar indicator and move it up or down *in a single move*. Remove the finger from the screen after reaching the desired position.

Access list entries and search lists

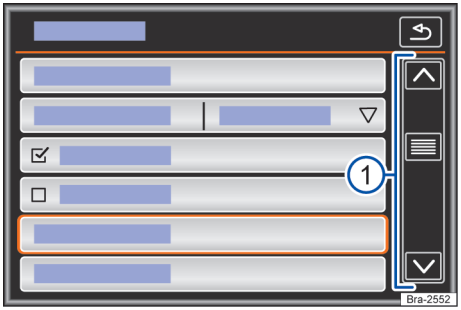

Fig. 3 Schematic representation: list entries, settings menu.

List entries can be accessed by directly touching the screen or with the selector button → Fig. 1 ④.

Entry masks with display keypad

Fig. 4 Representation: entry mask with display keypad.

Entry masks with display keypads are used to enter memory names or search terms in long lists, among other functions.

The function surfaces listed herein are not available in all countries or topic areas.

The following chapters detail only the functions not covered in this representation.

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The entry line with symbol entry mask (cursor) is located on the upper left display line. All entries are displayed in this area.

Entry masks to “enter text”

Letters, characters and special symbols can be selected in any combination to enter free texts in entry masks.

The currently displayed sequence of symbols is applied by touching the function surface OK.

Entry masks to select stored entries

Only combinations of letters, characters and special symbols corresponding to a stored entry can be selected for the introduction mask.

If less than 99 entries can be selected, the number of remaining entries is shown through the entry line → Fig. 4 ③. Touching this function surface will display all remaining entries in a list. If less than 5 entries can be selected, the list is automatically opened.

Overview of function surfaces

Function surface: action and effect	
①	123: touch to open the entry mask for special symbols and numbers. ABC: touch to switch to the letter entry mask.
②	Touch to switch to a different keypad language. The keypad language can be selected through the **System settings** menu.
③	Shows the quantity and opens the list of entries corresponding to selectable presets.
Letters / numbers	Touch to apply the entry line.
Letters and ▽	Press and hold to open a pop-up window with special symbols based on the letters. Select the desired characters via touch. Some special signs can also be transcribed (e.g. “AE” to “Ä”).
⇧	Touch to switch between upper case and lower case, as well as numbers and special characters.
␣	Touch to insert a blank space.
OK	Touch to apply the introduction line suggestion and close the entry mask.
⌫	Touch to delete symbols on the entry line, from right to left. Press and hold to delete multiple symbols.
⇦	Touch to close the entry mask. ◁

Additional displays and display options

Display indications may vary from those described herein, depending on the settings.

The time can be shown on the display status line.

All displays can only be shown after a complete start-up process of the radio. ◁

App-Connect

Overall information and safety guidelines

Introduction

The following interfaces are available in the App-Connect menu:

– Apple CarPlay™[1)]
– Android Auto™[2)]
– MirrorLink™[3)]

To prevent the driver from distraction only special applications may be used while driving → ⚠.

According to the mobile device used, a connection is established through the respective interface.

Thereby it is possible that the functions and the contents displayed on the mobile devices are displayed and controlled on the radio display.

WARNING

The use of applications while driving may distract from the surrounding traffic. Accidents and injuries can occur if the driver is distracted.

- Always drive carefully and responsibly.

WARNING

Loose or unsecured mobile phones may be flung through the interior and cause injuries in case of sudden evasive or breaking manoeuvres or in the event of accidents.

- While the vehicle is in motion, always secure mobile devices properly outside the airbag deployment zones or stow them away safely.

WARNING

Inadequately or inappropriately designed applications may cause damages to the vehicle, accidents and serious injuries.

- Volkswagen recommends to use only applications offered by Volkswagen for the specific vehicle.
- Protect the mobile device with its applications from misuse.
- Never alter the applications.
- Follow the owner's manual of the mobile device.

NOTICE

Mobile devices must always be turned off in locations where their use is not allowed. The radiation generated by mobile devices may cause interference with delicate medical and technical equipment, which may impair or damage such devices.

NOTICE

Volkswagen does not take responsibility for damages caused to the vehicle due to the use of low quality or defective applications, insufficient programming of the applications, insufficient network, for loss of data during transmission or misuse of mobile devices.

Information on the technical conditions, the compatible end devices, the applicable applications and availability is available through www.vw.com.br/conectividade or the Volkswagen dealerships.

- Or for for further information consult the mobile device's owners manual or the brand's online shops/sites. ◁

1) Apple CarPlay™ is an Apple Inc. trademark.
2) Android Auto™ is a Google Inc. trademark
3) MirrorLink™ and the Mirror Link logo are Car Connectivity Consortium LLC. trademarks

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App-Connect settings

App-Connect main menu

Fig. 5 App-Connect main menu.

(1) Info: display of further information.
(2) Config.: **App-Connect settings**.

Open the App-Connect settings menu

In the **App-Connect** main menu, touch the Config. function surface.

Function surface: effect
☑ Activate data transmission to VW Apps: the transmission of data to the Volkswagen applications is activated.
MirrorLink™
Display alignment: select display alignment.
☐ 180 degrees rotation: touch to rotate the screen display by 180°.
☑ Prefer radio keypad [a]: key entries will effected over the radio keypad display and not over the mobile device keys.

[a] This function depends on the device used.

Information on the technical conditions, the compatible end devices, the applicable applications and availability is available through www.vw.com.br/conectividade or the Volkswagen dealerships.

- Or for for further information consult the mobile device's owners manual or the brand's online shops/sites. ◁

Apple CarPlay™

MenuApple CarPlay™

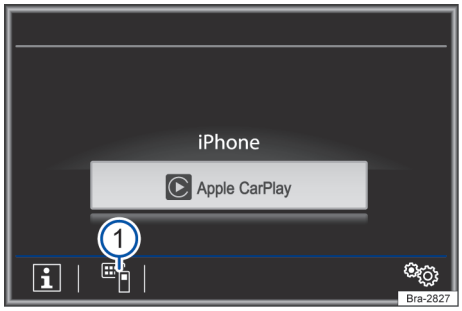

Fig. 6 Selection of the mobile device.

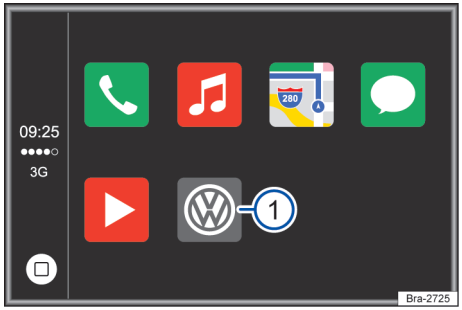

Fig. 7 Apple CarPlay™ menu.

Conditions Apple CarPlay™

Control list

The following conditions are required to use Apple CarPlay™:

✓ The mobile device **must** support Apple CarPlay™.

✓ The mobile device **must** be connected by a USB cable to the radio.

Establish connection

When a mobile device is connected for the first time follow the instructions on the radio display and on the display of the mobile device.

– The conditions for use of the Apple CarPlay™ must be met → page 12.

– Press the MENU button. ▶

– Touch the App-Connect function surface.
– Select your connected mobile device pressing on the corresponding icon.

Disconnect connection

– During operation of the Apple CarPlay™, touch function surface → Fig. 7 (1) to access **App-Connect** from the main menu.
– Touch function surface → Fig. 6 (1) to turn the active connection off.

Particularities

During an active Apple CarPlay™ connection, the following features are valid:

– Bluetooth connection among mobile devices and the radio are **not** possible.
– An active Bluetooth connection is automatically finalized.
– Telephone functions are only possible via Apple CarPlay™. The radio functions described in this manual are **not** available.
– The connected device **cannot** be used as a media device on the Media menu.

Voice command

– On the multifunction steering wheel or on the mobile phone press VOICE or **briefly** to start the device's voice command feature.
– On the multifunction steering wheel or on the mobile phone press VOICE or **for a few seconds** to start the connected device's voice command feature.

Information on the technical conditions, the compatible end devices, the applicable applications and availability is available through www.vw.com.br/conectividade or the Volkswagen dealerships.

● Or for for further information consult the mobile device's owners manual or the brand's online shops/sites. ◁

Android Auto™

Android Auto™ Menu

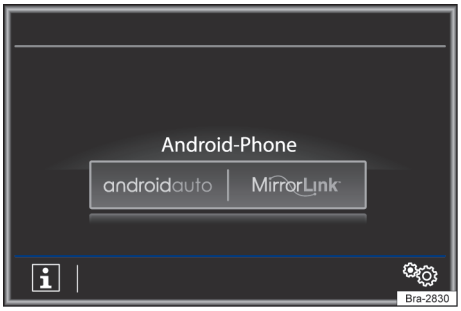

Fig. 8 Selection of the mobile device.

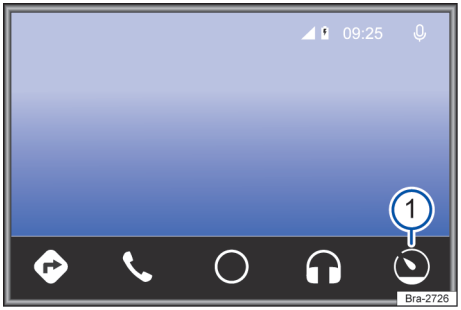

Fig. 9 Android Auto™ Menu

Conditions Android Auto™

Control list

The following conditions must be met to use Android Auto™:

✓ The mobile device **must** support Android Auto™.
✓ The mobile device **must** be connected by a USB cable to the radio.
✓ Depending on the mobile device used, an adequate application must be installed to be able to use Android Auto™ on the device.

Activate connection

When a mobile device is connected for the first time follow the instructions on the radio display and on the display of the mobile device.

– The conditions for use of Android Auto™ must be met → page 13.
– Press the MENU button. ▶

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– Touch the App-Connect function surface.
– Select your connected mobile device pressing on the corresponding icon.

Deactivate connection

– When operating Android Auto™, touch function surface → Fig. 9 ①.
– Select the **Return to Volkswagen** function to access the **App-Connect** main menu.
– Touch function surface → Fig. 6 ① to turn the active connection off.

Particularities

During an active Android Auto™ connection, the following features are valid:

– An active Android Auto™ device may be simultaneously connected to the radio via Bluetooth.
– Bluetooth connection among other mobile devices and the radio are **not** possible.
– Telephone functions are possible via Android Auto™. When the Android Auto™ device is simultaneously connected via Bluetooth to the device, the phone function can also be used.
– Simultaneous phone calls via Android Auto™ and via the radio are **not** possible.
– An active Android Auto™ device **cannot** be used as a media device on the Media menu.

Voice commands

– On the multifunction steering wheel or on the mobile phone press VOICE or **briefly** to start the device's voice command feature.
– On the multifunction steering wheel or on the mobile phone press VOICE or **for a few seconds** to start the connected device's voice command feature.

Information on the technical conditions, the compatible end devices, the applicable applications and availability is available through www.vw.com.br/conectividade or the Volkswagen dealerships.

● Or for for further information consult the mobile device's owners manual or the brand's online shops/sites. ◁

Mirror Link™

MirrorLink™ Menu

Fig. 10 Function surfaces on the compatible applications overview.

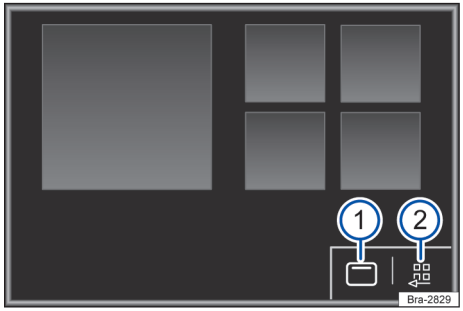

Fig. 11 Other Mirror Link™ function surfaces.

Conditions MirrorLink™

Control list

The following conditions must be met to use Mirror Link™:

✓ The mobile device **must** support MirrorLink™.
✓ The mobile device **must** be connected by a USB cable to the radio.
✓ Depending on the mobile device used, an adequate application must be installed to be able to use MirrorLink™ on the device.

Establish a connection

– The conditions for use of MirrorLink™ must be met → page 14.
– Press the MENU button.
– Touch the App-Connect function surface.
– Select your connected mobile device pressing on the corresponding icon. ▶

Possible function surfaces and displays

Function / display surfaces: effect / meaning	
APP	Returns to the App-Connect display → Fig. 5. The MirrorLink™ connection can be broken off on the display.
	Touch to close open applications. Then touch the applications that are to be closed or touch the Close all function surface to close all open applications.
	Touch to visualize the mobile device's display on the vehicle's display.
	Open the MirrorLink™ → Fig. 10 settings.
1	Touch to exhibit the function surfaces on the top border of the display.
2	Touch to return to the main menu.

Information on the technical conditions, the compatible end devices, the applicable applications and availability is available through www.vw.com.br/conectividade or the Volkswagen dealerships.

- Or for for further information consult the mobile device's owners manual or the brand's online shops/sites. ◁

Audio operation

Radio operation (RADIO)

Introduction

Follow the national rules and legal provisions when using the radio.

Other additional electric devices connected to the vehicle may interfere with the receipt of the broadcast radio signal and cause noises in the speakers.

Parking lots, tunnels, tall buildings or mountains may interfere with unit signal reception.

Metal-coated stickers or films may hinder reception in vehicles with windscreen aerials. ◁

Establish radio mode

After the factory settings have been reset, press the RADIO button on the device. Select the intended frequency band pressing the RADIO button. ◁

Radio main menu

Fig. 12 RADIO main menu. ▶

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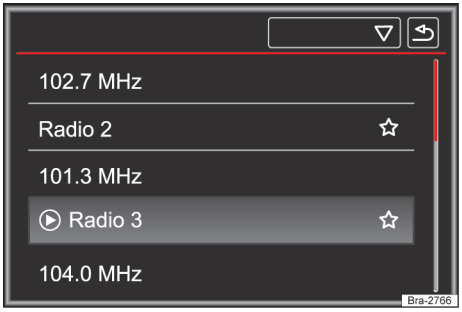

Fig. 13 Radio operation: station list.

With the radio turned on, press the radio button RADIO → page 7. Radio mode turns on.

To exit the main menu, press the RADIO button again (return to the previous main menu) or press another radio button.

The following options are available:

– return to the memorized radio station.
– Seek next station.
– Memorize the tuned broadcasting stations.

The currently tuned in radio station is displayed in the center of the display. For stations with RDS the station's name can be displayed instead of its frequency, such as **RADIO 21**, in case of good reception.

Function surfaces in the FM/AM main menu

Function surface: effect	
1	Change the displayed station button group by touching the function surface.
FM/AM	Select the desired frequency band.
	Opens the list of radio stations currently available → page 17.
	Opens the adjusted frequency scale (frequency band) → page 17.
	Opens the current frequency band settings menu → page 19, *Settings (FM, AM)*.
< / >	Change between stored or available stations. Arrow button settings in menu → page 19, *Settings (FM, AM)*.
1 to 12	Station buttons to store stations → page 16.
	Update the frequency band station list (AM) → page 17.
SCAN	Function surface that only becomes visible with the SCAN function is selected → page 18. Press the control button → Fig. 1 4 to start the SCAN function.

Possible symbols and displays

Display: meaning	
A	Station frequency display.
☆	Radio stations are stored in station buttons. ◁

Station buttons

Fig. 14 RADIO main menu.

In the *RADIO* main menu, the currently selected frequency band stations can be stored in 15 numbered frequency tracks. These function surfaces are referred to as "Station buttons".

Station button functions → Fig. 14	
Access stations through station buttons	Touch the station button corresponding to the desired station. Stored stations can only be touched after accessing through station buttons and when available in the current location.
Change the station button group	With finger swipe over the display in the station buttons area→ Fig. 14 1, from right to left or from left to right. ▶

Station button functions → Fig. 14	
	The station buttons are displayed in groups of respectively 5 function surfaces (1 to 5, 6 to 10, and 11 to 15).
Store stations in station buttons	See: storing stations → page 18.

Specific radio indications, menus and symbols

Fig. 15 RADIO main menu.

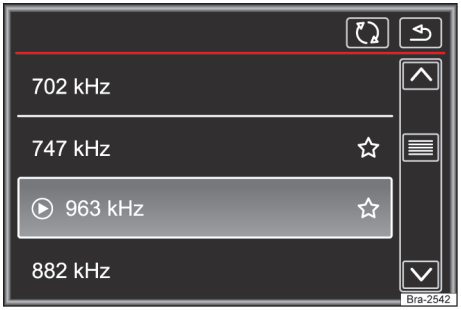

Fig. 16 Radio operation: radio station list with update possibility (AM).

Function button areas and respective meaning on the main menu RADIO → Fig. 15 and → Fig. 16:	
Select the station using the arrow buttons < / >	Touch the function surface < or > → Fig. 15. Depending on the arrow button settings, the function switches between stored and available stations. Arrow button settings in the **Settings (FM, AM)** → page 19 menu.
Select a station from the radio station list.	Touch the function surface → Fig. 15 to open the station list. Search list and touch to select the desired station. Touch the function surface → Fig. 16 to close the station list. If no action is made, the radio station list automatically closes after a while.
Update the radio station list	The **FM** frequency band station list updates automatically. The **AM** frequency band station list can also be manually updated through the function surface → Fig. 16.

Manually set the station frequency	
Introduce the frequency band	Touch the function surface → Fig. 15.
Step-by-step instructions to change the frequency	*Turn* the settings knob. **OR:** touch the right or left frequency band arrow buttons.
Quick scan through the frequency band	*Touch* one of the arrow buttons **on the top** display area → Fig. 15. The next available station is automatically selected. **OR:** *press and hold* one of the arrow buttons → Fig. 15 **on the top** display area. After *releasing*, the next radio station available will be automatically selected. **OR:** press and hold the frequency range and slide to move it.
Hide the frequency band	*Briefly* press the settings knob. When a station is selected through the station button, the manual frequency selection is also closed. If no action is made, the frequency band automatically closes after a while. ▶

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Store stations	
Store the current station into a station button	*Press and hold* the desired station button → Fig. 15 until an audible warning is heard. The currently played station will be stored in this station button.
Storing stations from the station list in station buttons	Touch the function surface ☰ → Fig. 15 or *turn* the settings knob to open the station list. Stations stored in station buttons are identified in the station list by the symbol ☆ → Fig. 16. *Press and hold* the display to select the desired station. Touch the desired station button in which the station must be stored. An audible warning is heard and the station is stored in the station button. Repeat this procedure to store other stations from the station list.
Delete stored stations	All stations stored in the **FM, AM Settings** menu can be deleted separately or all at once → page 19.

SCAN

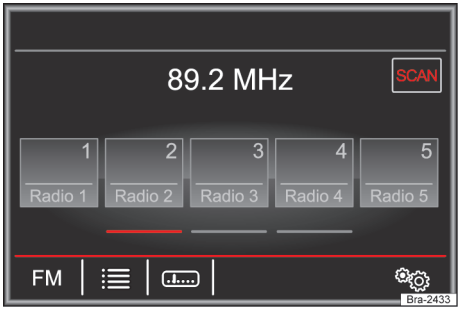

Fig. 17 Radio mode: ongoing SCAN.

By selecting the SCAN function, all stations available in the current frequency band are played for approximately 5 seconds. SCAN → Fig. 17 will be displayed on the screen.

Starting and stopping the scan function	
Starting the scan function	Briefly press the settings knob. **OR:** touch the function surface ⊙ and select SCAN.
Close the SCAN function.	Briefly press the settings knob. **OR:** touch the function surface SCAN → Fig. 17 to stop the automatic scan function in the current station. The automatic scan function is also interrupted whenever a station is manually selected by the station buttons.

Rear view camera or Parking sensor (Park Pilot)

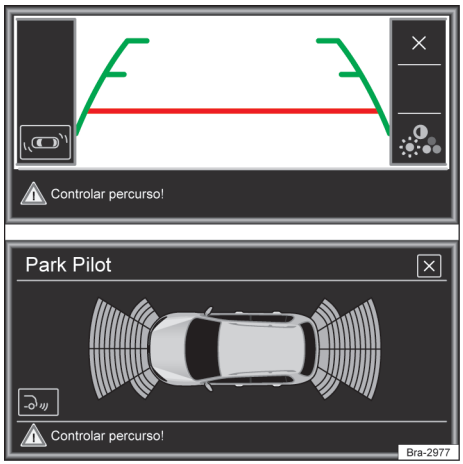

Fig. 18 Rear view camera and parking sensor

The rear view camera and the parking sensor may not be available on all versions and/or export markets.

According to the vehicle version the external image is automatically displayed with engaged reverse gear. The functions can be adjusted on the menu.

Functions	
☀	Set glare, contrast and brightness.
	Park Pilot display.

Functions	
	Camera display.
	Shutting down the rear view camera and the Park Pilot

When the function is selected on the left bottom of the radio display, the live image changes over to the Park Pilot image. To return to the real external image again it is necessary to select in function . ◁

Settings (FM, AM)

Opening the FM Settings menu

Select the **FM** frequency band by pressing the RADIO button.

OR: on the *RADIO* main menu, touch the FM/AM function surface and then select FM.

Touch the function surface to open the **FM Settings** menu.

Function surface: effect
Scan: automatic SCAN. By selecting the SCAN function, all stations available in the current frequency band are played for approximately 5 seconds → page 18.
Sound: sound settings → page 35.
Arrow buttons: select settings for the arrow buttons < and >. Settings are applied to all frequency bands (FM). Memory list: the arrow buttons are used to change **all stations stored** in the selected frequency band. Search stations: the arrow buttons are used to change **all stations available** in the selected frequency band.
Delete memory: deletes all or some stations stored. All: all stored stations are deleted.

Opening the AM Settings menu

Select the **AM** frequency band by pressing the RADIO button.

OR: on the *RADIO* main menu, touch the FM/AM function surface and then select AM.

Touch the function surface to open the **AM Settings** menu.

Function surface: effect
Scan: automatic SCAN. By selecting the SCAN function, all stations available in the current frequency band are played for approximately 5 seconds → page 18.
Sound: sound settings → page 35.
Arrow buttons: select settings for the arrow buttons < and >. Settings are applied to all frequency bands (AM). Memory list: the arrow buttons are used to change **all stations stored** in the selected frequency band. Search stations: the arrow buttons are used to change **all stations available** in the selected frequency band.
Delete memory: deletes all or some stations stored. All: all stored stations are deleted. ◁

Media mode

Introduction

"**Media sources**" are referred to as audio sources that contain audio data in different data storage units, such as external MP3 Players or audio files. These audio files may only be played by the respective units or audio inputs of the radio system (USB port, Bluetooth® interface, SD card or AUX-IN multimedia port).

Copyrights

Audio and video files stored in data media are generally subject to copyright laws, as per applicable national and international standards. All applicable legal provisions must be followed.

This product is protected by copyrights of Microsoft Corporation. This technology may not be reproduced or marketed without prior authorization from Microsoft or one of its authorized affiliates.

Volkswagen takes no responsibility for damaged or lost files. ◁

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Limitations and recommendations regarding data carriers

Dirt, high temperatures and mechanical damage may render a data carrier useless. Pay attention to the data carrier manufacturers instructions.

The difference in data carrier quality from different manufacturers may cause playback interferences.

The configuration of a data carrier or the devices and programs used to record the data may result in some titles or data carriers being unreadable. Information on the best ways to create audio files and data carriers (rate of compression, ID3-tag etc.) can be found, for example, on the Internet.

Due to the size, use (number of copies and deletions), of the structure of the folders and file type of the used data carrier the reading time may vary substantially.

A **playlist** only defines a certain playback sequence. Files are **not** memorized on the playlists. The playlists are **not** played back when the files on the data carrier are **not** saved where the playlist is looking for them (path related data). ◁

Audio data storage unit playback sequence

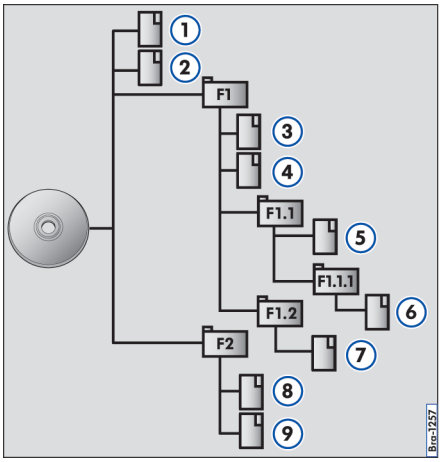

Fig. 19 Possible structure of a data storage unit.

In data storage units, audio files are often ☐ organized into data folders 🗀 and playlists ♫ in order to define a certain playback sequence.

Tracks, folders, and playlists are classified numerically and alphabetically according to the name of the data storage unit.

The figure → Fig. 19 shows a typical data storage unit containing tracks, ☐ folders 🗀 and subfolders.

Therefore, the tracks and folders of this data storage unit are played and displayed in the following sequence [1]:

1. Tracks ① and ② in the Root directory of the CD
2. Tracks ③ and ④ in the **first** folder **F1** of the root directory (display: 🗀**01**).
3. Track ⑤ in the **first** subfolder **F1.1** of folder **F1** (display: 🗀**02**).
4. Track ⑥ in the **first** subfolder **F1.1.1** of subfolder **F1.1** (display: 🗀**03**).
5. Track ⑦ in the **second** subfolder **F1.2** of folder **F1** (display: 🗀**04**).
6. Tracks ⑧ and ⑨ in the **second** folder **F2** (display: 🗀**05**).

The playback sequence can be modified by selecting different playback modes → page 21.

Playlists are **not** played automatically, but must rather be individually selected in the track selection menu → page 22. ◁

MEDIA main menu

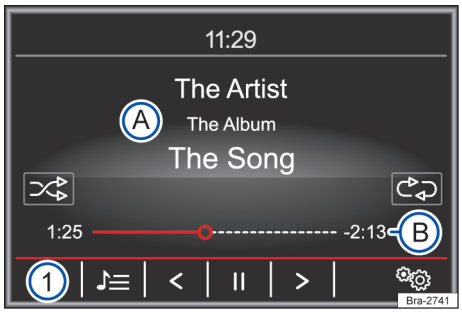

Fig. 20 MEDIA main menu. ▶

[1] In the **Media settings** menu, the ☑ Mix/Repeat, including subfolder function must be activated → page 22.

Different media sources can be selected and played through the *MEDIA* main menu.

– Press the MEDIA button to open the *MEDIA* main menu → Fig. 20.

The last media source played is resumed.

Currently played media sources are shown in the lower left function surface → Fig. 20 (1).

The *MEDIA* main menu shows a message if no media source can be selected.

MEDIA main menu function surfaces

Function surface: effect	
(1)	Shows the currently selected media source. Touch to select a different media source → page 21. SD Card: memory card → page 8. USB: external data storage unit in the USB port → page 23. BT Audio: Bluetooth® audio → page 25. AUX: external audio source in the AUX-IN multimedia port → page 24.
	Shows the playback list → page 22.
< / >	Changes tracks in media mode → page 22.
	Playback is interrupted. The function surface changes to → page 22.
	Playback is resumed. The function surface changes to → page 22.
	Open the **Media settings** menu → page 22.
	Touch to switch between available modes. : repeat current tracks. : repeat all tracks. All tracks in the same memory level as the current track will be repeated. In the **Media settings** menu, subfolders are included if Mix/Repeat, including subfolder is selected → page 22.
	Mix function. The function surface changes to . All tracks in the same memory level as the current track will be included. In the **Media settings** menu, subfolders are included if Mix/Repeat, including subfolder is selected → page 22.

MEDIA main menu symbols and displays

Display: meaning	
(A)	Display of track information (ID3 tag text in MP3 files). Audio files: display of the **artist name**, **album name** and **track title**.
(B)	Track length, status bar and remaining time (in minutes and seconds). The remaining track time shown for audio files with variable bit rate (VBR) may vary. *Touch* the status bar or *touch and drag* to skip to a different track position. ◁

Change media source

– On the *MEDIA* main menu, press the radio's MEDIA button again, to go over all the available media sources.

In the pop-up window there are currently no selectable media sources shown as inactive (grey a).

The media source currently in use is displayed on the screen.

If no media source can be selected, such is indicated on the *MEDIA* main menu.

If a media source previously played back is selected again, the playback starts at the point where it was last interrupted.

Optional selectable media sources

Function button	Media source
	SD card in the SD card slot → page 8.
	USB Data storage unit in the USB port → page 23. To know the installation location of the slot, consult the Owners Manual of your vehicle → Booklet *Owners Manual*, chapter *Storage compartment*
	External audio source connected through Bluetooth® → page 34.
	External audio source in the AUX-IN multimedia port → page 24.

The track information display can be disabled in the *Playlist* → page 22. ◁

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Change the track on the MEDIA main menu

The tracks of the media sources being played back can be successively run through with the arrow buttons → page 22, *Track selection from the track list*.

It is **not** possible with the arrow buttons to switch to playback from a playlist. Playback from a playlist needs to be manually started from the track selection menu → page 22, *Track selection from the track list*.

MEDIA main menu controls

Action	Effect
Briefly touch the function surface [<] once.	Within less than 3 seconds of the track's length, switches the beginning of the previous track. Within more than 3 seconds of the track's length, switches to the beginning of the current track.
Briefly touch the function surface [>] once.	To the next track. After the last track, it returns to the first track of the current data storage unit.
Press and hold the function surface [<].	Fast rewind.
Press and hold the function surface [>].	Fast forward.
Briefly touch the function surface [II] once.	Playback is interrupted. The function surface [II] changes to [▷].
Briefly touch the function surface [▷] once.	Playback is resumed. The function surface [▷] changes to [II]. ◁

Track selection from the track list

To open the track list in the *MEDIA* main menu, press the [♪≡] function area **OR** turn the selector button. The track about to be played back is highlighted.

Search the track list and touch on the desired track. When track information is available, the track number and name or the names of the files (MP3) are displayed instead of the **Title + no.** [1]. The track title list may not be supported by the source.

Tracks, folders and playlists can also be marked, by turning the settings knob, and accessed/opened by pressing the knob. ◁

Specific media settings

Opening the Media settings menu

In the *MEDIA* main menu, touch the [⚙] function surface.

Function button: effect
[Sound]: opens the **Sound settings** menu → page 35.
[☑ Mix/Repeat, including subfolders]: add subfolders to the selected playback mode → page 20.
[Bluetooth]: opens the **Bluetooth settings** menu → page 34.
[Remove]: remove the data unit (USB data storage unit or SD card) from the system. The respective function surface is disabled after the data storage unit is successfully removed. ◁

Functions, indications and symbols

Function button and effect:	
[♫]	Open the **Source** menu. Touch to select another media source.
Ⓐ	Shows the currently selected media source. Touch to change the media source. [SD Card]: memory card → page 8. [USB]: external data storage unit in the USB port → page 23. [AUX]: external audio source in the AUX-IN multimedia port → page 24. [BT Audio]: External Media Player connected via Bluetooth® → page 25. ▶

[1] Depending on the source.

Function button and effect:	
	Touch the function surface to open the upper media source folder. The name of the current folder is shown to the right of the symbol.
	Start playback from the first track.
	Repeat all tracks. The function surface changes to . All tracks in the same memory level as the current track will be repeated. In the **Media settings** menu, subfolders are included if Mix/Repeat, including subfolder is selected → page 22.
	Mix function. The function surface changes to . All tracks in the same memory level as the current track will be included. In the **Media settings** menu, subfolders are included if Mix/Repeat, including subfolder is selected → page 22.
	Close the playlist.

Playback of an SD card

– Insert the SD card carefully into the SD card slot with the chamfered edge up and the inscriptions to the left of the SD card slot → Fig. 1 ①.
– To remove the SD card → page 8, first see the system settings and execute the **Safely remove source** action. Briefly touch the SD card so it "springs" out to removal position.
– Press the radio MEDIA button.

Playback is taken up from the last used media source. To playback the SD card, press the button.

When navigating the folders use the function button and the selector button → Fig. 1 ④. Press to go to the higher level of the folders and rotate the selector button to select the desired folder.

To change to the next or previous track, press one of the function buttons.

Keep one of the arrow buttons pressed for a few seconds to move the playback forward or backward.

During playback of the SD card, some function keys are available at the bottom of the display. The active buttons are highlighted.

Wired or wireless connections

Introduction

Some external devices can be connected to the radio with or without wires (if existing) in the vehicle.

The type and number of connections with or without wires depend on the country and the vehicle. Within a range of different models and in special models the connections may reveal differences.

For the wired connections use only original cables from the device or - if available - the factory supplied cables for the respective vehicle.

USB Connection

The USB multimedia port is located on the front part of the device → Fig. 1 ⑥.

Audio files on an external data storage unit connected to the USB port can be played back and controlled by device.

USB data manual are referred to in this manual as external data media, which contain playable files (e.g. MP3 player, iPods™ and pen drives).

Only supported audio files are shown. Other file types are ignored.

Playback begins automatically if there are stored and readable audio files in the data storage units.

The additional external data storage unit controls (access track changes, track selection, and playback modes) are detailed in the respective chapters → page 19.

Instructions and restrictions

The number of USB ports and compatibility with Apple™ devices, among other Media Players, may vary depending on the equipment.

The typical USB voltage of 5 V is supplied through the USB port.

External hard drives with capacity for over 32 GB must be reformatted into the FAT32 file system, depending on the conditions. Programs and instructions to perform such formatting process are available on the Internet, for example.

Considering the wide range of different data storage units and various iPod™, iPad™ and iPhone™ generations, it is impossible to ensure that all functions will be available.

iPod™, iPad™ and iPhone™

Depending on the country and equipment version, iPods™, iPads™ or iPhones™ may be connected to the vehicle's USB port ⭠, through a suitable USB cable, and used as audio sources.

Disconnect

Connected data storage units **must** be prepared for removal before being disconnected.

- In the MEDIA main menu, touch the function surface to open the **Media settings** menu.
- **OR:** press the SETUP radio button.
- Touch the function surface Remove and select USB. The function surface is disabled after the data storage unit is successfully removed.
- The data storage unit may be disconnected.

Unreadable data storage unit

If a connected data storage unit contains unreadable data, a corresponding message is shown on the device display.

If an external Media Player is connected **simultaneously** via Bluetooth® and the USB port ⭠ to the device, the Bluetooth® audio connection is automatically disconnected after switching to the USB port.

If a connected device cannot be recognized, remove all connections and reconnect the devices. Check whether the connection cable is working, if necessary.

In case of operating faults in connected devices, restart the respective device. This usually solves the issue.

Do not use any memory card adapter, USB extension cord, or USB-Hubs (USB distributors)!

Refer to the external data storage unit manufacturer's operating manual. ◁

Connecting an external audio source to the multimedia AUX-IN port

The AUX-IN multimedia port → Fig. 1 (6) only supports 3.5 mm jack plugs.

The external audio source connected is played back through the vehicle's loudspeakers and **cannot** be controlled by the device.

Connected external audio sources are indicated by **AUX** on the display.

Connecting an external audio source to the AUX-IN multimedia port

- Reduce the volume on the radio.
- Connecting an external audio source to the AUX-IN multimedia port.
- Start playback on the external audio source.
- Press the radio MEDIA button to display the available media sources selection menu → page 19.
- Press the function button.

The **playback volume** of external audio sources must be adjusted to the volume of remaining audio sources → page 35.

Specificities regarding the use of external audio sources in the AUX-IN multimedia port

Action	Effect
Selection of another audio source on the device.	The external audio source continues to play in the background.
Stop playback on the external audio source.	The unit stays in the **AUX** menu.
Remove the plug from the AUX-IN multimedia port.	The unit stays in the **AUX** menu.

When the playback of the external audio source is finished or is disconnected from the multimedia AUX-IN port, the radio stays on the **AUX** menu.

There may be noise interferences if the external audio source is used on the vehicle's 12 V power outlet.

Read and follow the external audio source manufacturers operating instructions. ◁

Connecting external audio sources via Bluetooth®

Connecting an audio source via Bluetooth

In Bluetooth® audio mode audio files from a Bluetooth® audio source connected via Bluetooth® can be played back (for example a smartphone), using the vehicle's loudspeakers (audio Bluetooth® playback).

Requisites

- The Bluetooth® audio source must support the Bluetooth® A2DP profile.
- In the **Bluetooth settings** menu, the ☑ BT Audio (A2DP/AVRCP) function must be active → page 34.

Start audio playback in Bluetooth®

- Enable Bluetooth® visibility in the external Bluetooth® audio source (e.g. mobile phone).
- Lower the base volume on the radio .
- Press the radio MEDIA button.
- Touch the function surface → Fig. 20 (1) and select BT audio.
- Touch the Search device function surface to pair an external Bluetooth® audio source for the first time.
- **OR:** select from the list of external Bluetooth® audio sources.
- **OR:** pair through the **Bluetooth Settings** menu → page 34.
- Follow the instructions for other procedures on the radio display and the Bluetooth® audio source display.

Playback of the Bluetooth® audio source must be initiated manually, if necessary.

Whenever the Bluetooth® audio source playback ends, the device remains in the Bluetooth® audio mode.

Playback control

Control of the Bluetooth® audio source through the device depends on the connected Bluetooth® audio source.

In media readers that support the Bluetooth® AVRCP profile, playback may be automatically initiated or interrupted from the Bluetooth® audio source, if it is switched to Bluetooth® audio playback or other audio sources. In addition a display of the track or a track change is possible through via the device.

Due to the wide variety of Bluetooth® audio sources, some of the functions described herein may not operate properly.

To operate the multimedia mode with the Bluetooth® device connected, read and follow the manufacturers use instructions.

Use only with devices that support Bluetooth® technology. For further information on Bluetooth® products compatibility contact a Volkswagen dealership or look up on the Internet. ◁

Phone controls (PHONE)

Introduction to phone controls

Introduction

The phone functions detailed below can be accessed through the device when there is an active paired and connected mobile phone.

The mobile phone must support the **Bluetooth®** function in order to establish a connection between the mobile phone and the device.

If no mobile phone is connected to the device, phone control will not be available.

Instructions to use mobile phones in vehicles without external aerial connection → Booklet *Operating manual*.

WARNING

Using mobile phones while driving may distract drivers and cause accidents.

- Always drive carefully and responsibly.
- Adjust sound volume settings to allow the driver to hear external warnings and sounds (e.g. emergency service sirens)
- In locations with partial or lack of mobile coverage, and depending on the circumstances (tunnels, garages and underground passages) telephone call may be hindered, preventing the use of mobile devices (including emergency calls).

WARNING

If a mobile phone is not secured or not properly secured in the vehicle, it could be flung though the interior during a sudden driving or braking manoeuvre, or in the event of an accident. This can cause injuries.

- Always attach mobile phones properly and out of airbag triggering areas while driving.

WARNING

Mobile phones can cause interference when positioned nearby heart pacemakers.

- Keep a minimum distance of 20 centimetres between the mobile phone's antenna and the heart pacemaker, since the former may interfere with the latter.
- Do not carry activated mobile phones in chest pockets directly over heart pacemakers.
- Turn off mobile phones immediately whenever there is suspicion of interference with pacemakers.

NOTICE

High speed, unfavourable weather and road conditions, as well as poor network connection may hinder or interrupt mobile phone calls inside the vehicle. ◁

General information

Please refer to ⚠ and ⓘ at the start of the chapter on page 26.

Phone menu displays vary depending on the functions available on the mobile phone model. There may be differences depending on the model used.

Follow the instructions to use mobile phones in vehicles without external aerial connection → Booklet *Owner's Manual*, chapter *Vehicle preservation and maintenance*.

Use only with units that support Bluetooth® technology. Additional information about products that support Bluetooth® technology may be obtained at Volkswagen Dealerships or via the Internet.

Refer to the mobile phone and accessory supplier's operating manual.

Call interruption and reception flaws may occur in certain “transmission blackout areas”.

Most electronic devices are shielded from HF signals (high frequency). In some rare cases, however, electronic devices may not be shielded against the HF signals of phone controls. This may result in damages.

ⓘ There may be restrictions regarding the use of Bluetooth® devices in certain countries. Additional information may be obtained from local authorities. ▶

When connecting phone controls to a device via Bluetooth® technology, refer to the respective Operating manual for additional safety information. Use only with products that support Bluetooth® technology. ◁

Special precaution areas

Please refer to ⚠ and ⓘ at the start of the chapter on page 26.

Switch off mobile phones in areas with risk of explosions. Such areas are very common, although not often identified as such → ⚠ in *Introduction* on page 26. Some of these areas are:

- Areas with pipes and tanks containing chemicals.
- Lower decks in ships and ferries.
- Areas nearby vehicles powered by liquid gas (e.g. propane or butane).
- Areas with chemicals or other particles such as flours, dust, or metallic dust in the atmosphere.
- Any other area where the vehicle engine must be switched off.

⚠ WARNING

Switch off mobile phones in areas with risk of explosion.

NOTICE

Mobile phones must always be turned off in locations in which their use is prohibited. The radiation generated by mobile phones may cause interference with delicate medical and technical equipment, which may hinder or damage such devices. ◁

Bluetooth®

Please refer to ⚠ and ⓘ at the start of the chapter on page 26.

Bluetooth®

Bluetooth® technology connects mobile phones to the vehicle's phone controls. A single pairing process is required in order to use the phone controls with mobile phones equipped with Bluetooth®.

Some Bluetooth® mobile phones are recognized and connected immediately upon switching on the ignition, if such phones have been previously connected. At the same time, the mobile phone and its embedded Bluetooth® feature must be activated, and all active Bluetooth® connections with other devices must be disconnected.

Bluetooth® radio communication is free of charge.

Bluetooth® is a registered trademark of Bluetooth ® SIG, Inc.

Bluetooth® Profiles

Whenever mobile phones are connected to the phone controls, data will be exchanged through one of the Bluetooth® profiles.

Phone use via Bluetooth® Hands-Free-Profile (**HFP**):

- If mobile phones are connected via HFP with phone controls, wireless calls can be made via the hands-free device. In this case, the external aerial *cannot* be used. Instructions to use mobile phones in vehicles without external aerial connection → Booklet *Operating manual*.

Music playback via Bluetooth® Advanced Audio Distribution Profile (**A2DP**):

- Bluetooth® profile to transfer audio signals with stereo quality.

Playback control via Bluetooth® Audio Video Remote Control Profile (**AVRCP**):

- Bluetooth® profile to display track information and playback controls in mobile devices. ◁

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Pair up and connect the mobile phone to the radio

Please refer to ⚠ and ⓘ at the start of the chapter on page 26.

In order to operate a mobile phone via the radio unit, both devices must be paired **once**.

Pairing must be performed while the vehicle is stationary.

Requisites

– Ignition switched on.
– Remove the headset connection to the mobile phone if necessary.
– The **Bluetooth**® function must be enabled and visible on the phone and radio.
– The **key blocking** feature must be unlocked on the mobile phone.

Follow the owner's manual of the respective mobile phone.

During the pairing process, the mobile phone's keypad must be used. The mobile phone must be prepared for such process.

Initiate mobile phone pairing

– Press the PHONE button.
– Touch the Search phone function surface.

After the process is completed, all names of Bluetooth® devices found are displayed.

– Select the mobile phone from the list of Bluetooth® devices found.

Then the device and the mobile phone will be connected. Additional mobile phone or radio entries may be required to conclude their connection.

– Confirm successful pairing in the mobile phone, if necessary.

Depends on the mobile phone:

– Insert the PIN code displayed on the radio screen into the mobile phone and confirm.

OR:

– Compare the PIN code shown on the radio display with the PIN code shown on the mobile phone. If the PIN code matches, it must be confirmed in **both** devices.

After successfully completing the pairing process, the main menu *PHONE* is shown and the contact list and list of calls stored in the mobile phone are automatically loaded. Confirm on the mobile phone, if necessary.

The duration of the loading process varies depending on the amount of data stored in the mobile phone. After completing the loading process, the data of the device will be available.

Pairing and connecting mobile phones

Multiple mobile phones can be paired to the device. However, only **one** mobile phone can be connected to one device at any given time.

When turning the radio on, the unit automatically connects to the last mobile phone connected. If it is not possible to connect to the last mobile phone used, the phone control automatically attempts to connect to the next mobile phone in the list of paired phones.

The **maximum** range of a Bluetooth® connection is approximately **10 metres**. Active Bluetooth® connections are interrupted if such range is exceeded. The connection will be **automatically** restored as soon as the device is in reach of the Bluetooth® range.

ⓘ Refer to a Volkswagen Dealership for more information on mobile phone connections and pairing. ◁

Switching off phone controls

Please refer to ⚠ and ⓘ at the start of the chapter on page 26.

– End active calls.
– Switch off the ignition.
– Remove the key from the ignition.
– Switch off the mobile phone.

If the vehicle key remains in the ignition cylinder after switching off the ignition, phone controls **will not** be switched off. Phone controls are only switched off a few minutes later (factory settings: approximately 15 minutes).

ⓘ If mobile phones were connected with phone controls, the mobile phone transmission unit remains active after switching off phone controls. Switching of the mobile phone may be required. ◁

Phone control description

Introduction

Some features and settings are only available while the vehicle is stationary and are not supported by all mobile phone brands.

The range of possible settings depends on the country, unit, and the vehicle's equipment specifications.

Phone controls can recognize up to 20 devices.

Respectively, devices can be connected via the Hands-Free-Profile (HFP) and the Advanced Audio Distribution Profile (A2DP) → page 28.

User profile assignment

Connected mobile phones are stored in the phone controls under a user profile.

Up to 4 user profiles can be assigned in phone controls. If another mobile phone is paired, the profile with longest idle time is automatically deleted.

Contact list, favourite numbers (speed dial buttons) and **User profile settings** menu settings are stored in the user profile.

If a mobile phone is reconnected to the phone controls, the respective settings and data will be available once again.

If a mobile phone's contact list entries are changed while connected, contact list data can be manually updated via the **User profile settings** menu → page 34. The contact list will be automatically updated upon the next mobile phone connection (e.g. during the following vehicle use).

WARNING

Loose or unsecured mobile phones may be flung through the interior and cause injuries in case of sudden evasive or breaking manoeuvres or in the event of accidents.

- While the vehicle is in motion, always secure mobile devices properly outside the airbag deployment zones or stow them away safely.

Using mobile phones in the vehicle may cause loudspeaker noises. ◁

PHONE main menu

Please refer to ⚠ at the start of the chapter on page 29.

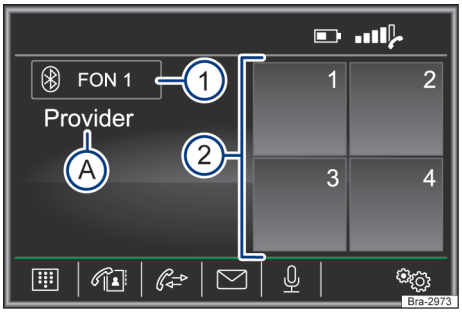

Fig. 21 PHONE main menu.

Fig. 22 Call details.

Open the PHONE main menu

Press the PHONE button.

PHONE main menu function surfaces

Function surface: effect	
1	Name of the paired mobile phone or selected user profile. Touch to connect or pair to another mobile phone.
2	Favourites (speed dial buttons) to which contact list numbers can be assigned → page 33.
MirrorLink	Touch the function surface to establish the Mirror Link™ connection.
	Open a numeric keypad to enter a phone number → page 31.
	Open the contact list of the paired mobile phone → page 31.
	Open call lists of the mobile phone paired → page 32. ▶

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Function surface: effect	
	Open the message list (SMS) of the mobile phone paired.[a]
	Touch the function surface to enter a phone number through voice command.[a]
	Open the **Phone settings** menu → page 33.
	Touch to **answer** a call.
	Touch to **end** a call. **OR:** touch to **reject** calls received.
	Touch to mute sound during a call. Touch the function surface to unmute the sound.

a) Depends on the mobile phone.

Phone control symbols and displays

Display: meaning	
A	Name of the mobile network carrier in which the SIM card of the paired mobile phone is registered.
B	Stored name or phone number display.
	Battery charge status of the connected mobile phone.
	Intensity of the mobile communication transmission signal currently available.
	Displays an active Bluetooth® connection. ◁

During a phone call

Please refer to ⚠ at the start of the chapter on page 29.

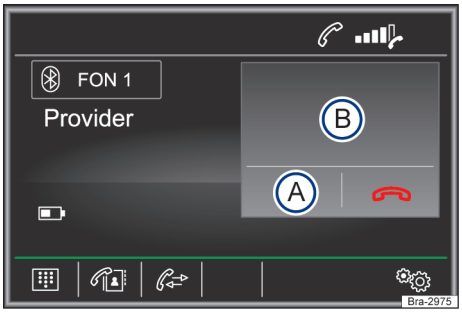

Fig. 23 During a phone call.

When a connection with the dialled phone number has been established, the *PHONE* main menu display switches to *Phone call* → Fig. 23.

Function surfaces and displays: action and effect	
A	Touch to switch off the mobile phone microphone during a call (the function surface changes to).
	Touch to switch on the mobile phone microphone during a call (the function surface changes to).
B	Display of the call duration and call number or stored name.
	Touch to end a call.
	Battery charge status of the connected mobile phone.

Functions available during a phone call

Possible functions	
Mute mobile phone microphone	Touch the function surface . The mobile phone microphone is muted (the function surface changes to).
Unmute mobile phone microphone	Touch the function surface . The mobile phone microphone is unmuted (the function surface changes to).
Starting phone calls via mobile phone	Touch the function surface and select ☑ Hands-free. The hands-free function is disabled and the call is directed to the mobile phone
Starting phone calls via the mobile phone controls	Touch the function surface and select ☐ Hands-free. The hands-free function is enabled and the call is directed to the mobile phone controls. ◁

Enter phone number menu

Please refer to ⚠ at the start of the chapter on page 29.

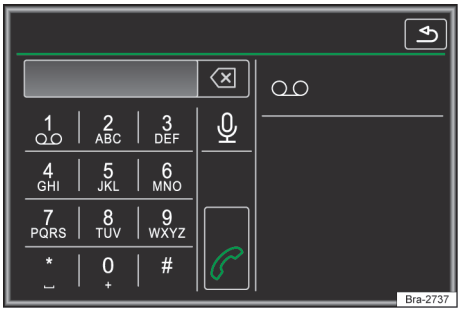

Fig. 24 Enter phone number menu.

Fig. 25 Enter phone number menu (select contact from the list).

Enter phone number menu functions.

Touch the functions surface to access the *Enter phone number* menu.

Possible functions	
Call voice mailbox	Touch the Voicemail function surface to establish a connection. If a voice mailbox number has not been stored, enter the calling number and confirm by pressing OK. Previously stored call numbers can be changed in the **User profile settings** menu → page 34.
Enter phone number	Enter phone number via the keypad. Touch the function surface to establish a connection.
Select contact from the list	Enter the first letter of the contact name via the keypad. Possible entries are shown in the contact list. Search the contact list and touch the desired contact to call.
Enter country code	When entering country codes, instead of entering the two first digits (e.g. "00"), it is possible to enter the symbol "+". Touch and hold the function surface 0 for approximately 2 seconds to enter the + character. ◁

Contact Menu (contact list)

Please refer to ⚠ at the start of the chapter on page 29.

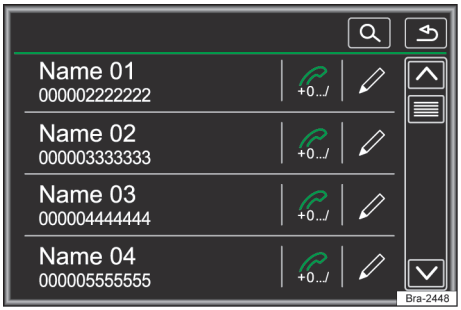

Fig. 26 Contact Menu (contact list).

Fig. 27 Search mask. ▶

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After the first pairing process, it may take a few minutes until the paired mobile phone's contacts[1)] become available on the device. This process can take up to approximately one hour, depending on the volume of data to be transferred. Confirm the transmission process on the mobile phone, if necessary.

Contacts can also be accessed during calls.

Opening the Contacts menu

Touch the function surface to access the *Contact list (contacts)* menu.

Possible functions	
Select contact from the list	Search the list and touch the desired contact to call. **OR:** if multiple phone numbers are stored for the same contact, touch the contact and then the desired phone number to call.
Search contacts through the search mask.	Touch the → Fig. 26 function surface to open the search mask. Enter the desired name into the search mask → Fig. 27. The appropriate number of events is shown to the right of the search field. Touch the function surface to switch to list view. Search the list and touch the desired contact to call.

Phone menu availability varies depending on the mobile phone used. ◁

Call Menu (call lists)

Please refer to ⚠ at the start of the chapter on page 29.

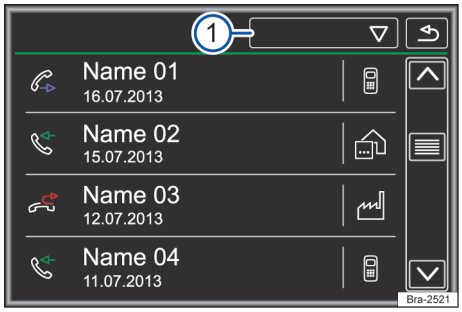

Fig. 28 Call Menu (call lists).

Whenever a phone number is stored as a contact, the stored name will be displayed instead of the call list number.

Opening the Calls menu

Touch the function surface to access the **Calls** menu.

Touch the function surface → Fig. 28 (1).

Select the desired call list: All, Missed, Dialled or Received.

Display	Definition
	Missed: displays the numbers of missed and unanswered calls.
	Dialled: displays phone numbers selected via the mobile phone and the device's telephone control.
	Received: displays numbers of calls taken via the mobile phone and the device's telephone control.

Call list availability varies depending on the mobile phone used. ◁

1) Depending on the unit model, only contacts stored in the phone memory are loaded.

Favourites (speed dial buttons)

Please refer to ⚠ at the start of the chapter on page 29.

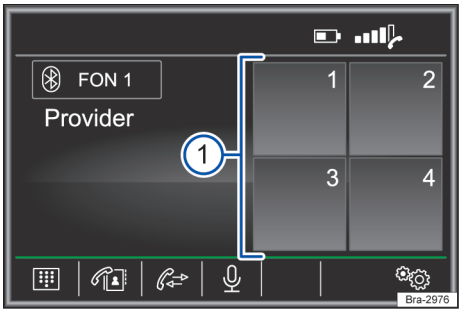

Fig. 29 PHONE main menu.

A total of **4** phone numbers from the contact list can be stored as favourites.

All favourite numbers must be assigned manually and then attributed to a user profile.

Favourite functions

Possible functions	
Assign favourite	In the *PHONE* main menu, touch one of the **free** function surfaces. Select the desired contact from the contact list. If more than one phone number is stored for the desired contact, select the desired number.
Edit favourite	In the *PHONE* main menu, *press and hold the favourite entry* until the *Contacts* menu opens. Select the desired contact from the contact list. If more than one phone number is stored for the desired contact, select the desired number. To close the *Contacts* menu without applying changes, touch the ⮌ function surface.
Delete favourite	Favourite entries can be deleted in the **User profile settings** menu, under the **Manage favourites** option → page 34.
Call favourite	In the *PHONE* main menu, **briefly touch** the function surface of the respective favourite contact *assigned* to call the stored phone number.

Contacts stored as favourites are not automatically updated. If a contact stored as favourite in the mobile phone is changed, the function surface must be reassigned. ◁

Phone settings

Please refer to ⚠ at the start of the chapter on page 29.

Open the Phone settings menu

In the *PHONE* main menu, touch the ⚙ function surface.

Touch the function surface in which settings must be made.

Changes are automatically applied after closing a menu.

Function surface: effect
☑ Hands-free[a]: the hands-free function is enabled. Touch the function surface during a call to make the call via the mobile phone or return to the hands-free function.
Select telephone: select the unit ® from the list to connect it. Search phone: touch to connect a new Bluetooth® device.
Bluetooth: opens the **Bluetooth settings** menu → page 34.
User profile: opens the **User profile settings** menu → page 34.
☑ Mobile phone reminder: if a Bluetooth® connection with the mobile phone is established, the message **"Don't forget your phone"** appears after switching off the ignition.

a) Function surfaces are only enabled during phone calls. ◁

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Bluetooth® settings

Please refer to ⚠ at the start of the chapter on page 29.

Open the Bluetooth settings menu

In the *PHONE* main menu, touch the [⚙] function surface.

OR: press the [SETUP] button.

Then, touch the [Bluetooth] function surface.

Touch the function surface in which settings must be made. Changes are automatically applied after closing a menu.

Function surface: effect
[☑ Bluetooth]: touch to switch off Bluetooth®. All current connections will be interrupted.
[Visibility]: switch Bluetooth® visibility on or off. [Visible]: Bluetooth® visibility enabled. [Invisible]: Bluetooth® visibility disabled. Bluetooth® visibility must be switched on to pair external Bluetooth® devices to the radio.
[Name]: shows or changes the device name. This name is shown in other Bluetooth® devices under the Bluetooth® settings.
[Paired devices]: shows the paired device. Disconnect and connect individual Bluetooth® devices and Bluetooth® profiles.
[Search devices]: search active and visible Bluetooth® devices in range of the device. The **maximum** range is approximately **10 metres**.
[☑ BT Audio (A2DP/AVRCP)]: if an external audio source is to be connected to the device via Bluetooth®, this function must be enabled → page 24.

◁

User profile settings

Please refer to ⚠ at the start of the chapter on page 29.

Open the User profile settings menu

In the *PHONE* main menu, touch the [⚙] function surface.

Then, touch the [User profile] function surface.

Touch the function surface in which settings must be made.

Changes are automatically applied after closing a menu.

Function surface: effect
[Manage favourites]: edit favourites → page 33. [🗑 All]: all favourites are deleted. **Favourite**: touch to delete the stored number. **Free function surface**: touch to store a contact list number as favourite.
[Voicemail No.]: enter or edit the voice mailbox number.
[Sort by]: set the contact list sorting sequence (**Last name** or **Given name**).
[Import contacts]: import the contact list of the paired phone or update imported contact lists.
[Select a ringtone][a]: select a ringtone from a list of presets. The ringtone is played and stored after exiting the submenu.
[Delete other profiles]: delete some or all inactive user profiles.

a) The ringtone selected or configured in the mobile phone will be played, depending on the mobile phone type. ◁

Settings

Menu and System SETUP) settings

Open the System settings menu

– Press the radio SETUP button → ⚠.
– Press the function button area of the mode to which the introduction of settings is intended.
– Changes are automatically applied upon closing a menu.

Function button: effect
Sound: adjust sound and volume settings → page 35.
Display: display settings. ☐ Turn display off (in 10 s): if the function is enabled and the device remains idle, the display is automatically shut down after 10 seconds. The display is switched back on by touching the display or pressing a button. Brightness: select the display brightness level. ☑ Touchscreen sound: confirmation sound when touching a function surface enabled. ☑ Display the time in Standby mode: the current time is shown on the display while in Standby mode.
Language: select the desired language for text or voice controls.
Keypad[a]: select the keypad layout (alphabetic or numeric layout).
Additional keypad languages[a]: select additional keypad languages.
Data transmission from mobile devices [a]Settings to control the radio via the Apps on the mobile end devices (for example track change during media operation). ☑ Enable data transmission to applications: the interface protocol for applications is enabled on the mobile end devices. Disabling this function prevents further settings from being set. Control through the apps Disable: the actions are **not** executed through an application. Confirm: the actions performed through an application must be confirmed prior being executed on the radio. Authorize: the actions are performed through an application **without** further confirmation.
Safe removal: remove the desired data storage unit from the system. The function surface is disabled after the data storage unit is successfully removed.
Default settings: the return to default settings is **disabled** as selected in the **Entries and settings applied**.
Bluetooth[a]: Bluetooth ® settings → page 34.
System data: display of system data (unit number, hardware/software versions.) Update software: update the software version.
Copyright: copyright information.

[a] Depending on the unit and the country.

Operation mode of the volume increase as a function of speed

The speed-dependant volume increase automatically adjusts the volume based on the vehicle's speed.

The volume increase is set in levels from **1** to **7**.

If a low value is set, the volume is slightly adjusted at higher speeds, if the set value is high, the volume increases sharply. At level **0** the volume increase as a function of the vehicle's speed is disabled.

⚠ WARNING

Accidents and injuries can occur if the driver is distracted.

- Never proceed with settings while driving.

ℹ To make the best of the radio's features and optimal operation it is important that the date and time be correctly set. ◁

Sound and volume settings

Open the Sound settings menu

Press the SETUP button and then select Sound.

Touch the function surface in which settings must be made. Changes are automatically applied after closing a menu. ▶

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Function surface: effect
Volume: volume settings. Max. start volume.: set the maximum switch-on volume. Speed-dependent volume control: set volume adjustments based on the vehicle's speed. The audio volume is increased automatically as the speed increases. Entertainment dimmer: set warning volumes. AUX volume: set the playback volume of audio sources connected to the AUX-IN multimedia port (**Low**, **Medium** or **High**). Also see → page 36, *Adjust playback volume of external audio sources*. Bluetooth Audio[a]: establish the playback volume of audio sources connected via Bluetooth® (**Low**, **Medium** or **High**). Also see → page 36, *Adjust playback volume of external audio sources*. iPod volume: set the playback volume of connected iPods → page 36, *Adjust playback volume of external audio sources*.
Balance: set sound equalization. The grid shows sound equalization inside the vehicle. To edit sound equalization, touch the desired position in the vehicle interior display or use the arrow buttons to sequentially change settings. To centre sound equalization in the vehicle interior display, touch the function surface between the arrows.
- Ed. Bass - mid - treble: set sound characteristics (bass - mid - treble).
☑ Touchscreen sound: confirmation sound when touching a function surface enabled.

[a] Depending on the country and the device.

Adjust playback volume of external audio sources

Whenever the playback volume of an external audio source must be raised, first lower the default volume of the device.

If the connected audio source has **very low volume**, increase the **output volume** in the external audio source. If this procedure is not sufficient, set the **on volume** to **Medium** or **High**.

If the external audio source connected has **distorted or very high volume**, lower the **output volume** in the external audio source. If this procedure is not sufficient, set the **on volume** to **Medium** or **Low**.

⚠ WARNING

Accidents and injuries can occur if the driver is distracted.

- Never proceed with settings while driving. ◁

Abbreviations

Abbreviation	Definition
A2DP	Audio transmission technology via Bluetooth® common in many manufacturers (Advanced Audio Distribution Profile).
AM	Amplitude modulation (medium wave, MW).
AUX-IN	Auxiliary audio input.
AVRCP	Audio source remote control technology via Bluetooth® common in many manufacturers (Audio Video Remote Control Profile).
DIN	German Institute for Standardisation.
DRM	Digital Rights Management
EON	Enhanced Other Network.
FM	Frequency modulation (ultra short wave, UKW).
GSM	Global System for Mobil Communications.
HFP	Hands-Free-Profile.
MP3	Audio file compression format.
PIN	Personal identification number.
SIM	Subscriber Identity Module.
USB	Universal Serial Bus
VBR	Variable bit rate.
WMA	Audio file compression format.

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