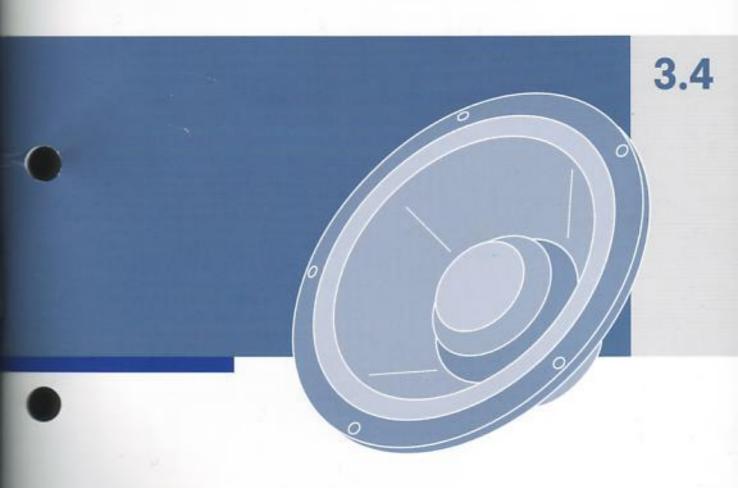


3.4 RCD 510

Radio



About this booklet

This booklet contains important information and warnings on using this radio system. The other booklets in the vehicle wallet contain further information which you should be aware of for your own safety and for the safety of your passengers.

Please ensure that this booklet is in the vehicle if you lend or sell the vehicle to someone else.

Some sections of this booklet do not apply to all vehicles. If this is the case, a text at the start of the section indicates to which vehicles it applies, e.g. "Applies to vehicles with: CD changer".

Illustrations may vary from your vehicle in details. For this reason you should regard illustrations as a general guide.

An alphabetical index is included at the end of the booklet.

Directions and positions (e.g. right, left, front, rear) are always relative to the direction of travel of the vehicle unless otherwise stated.

- The section is continued on the next page.
- Symbolises the end of a section.
- Registered trademarks are marked ®. However, the absence of this symbol does not

constitute a waiver of the rights concerning any term.

within a section. This "WARNING" text is located outside of the section if a page number is given.

⇒ ! Cross-reference to a "caution" text within a section. This "caution" text is located outside of the section if a page number is given.

MARNING

Texts with this symbol contain information on safety. They help protect you from accidents and injury.



(!) Caution

Texts with this symbol draw your attention to potential sources of damage to your vehicle.



For the sake of the environment

Texts with this symbol contain additional information on the protection of the environment.



Texts with this symbol contain additional information.

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Quick Reference Guide

Unit overview

This overview will help you to quickly familiarise yourself with the control elements.

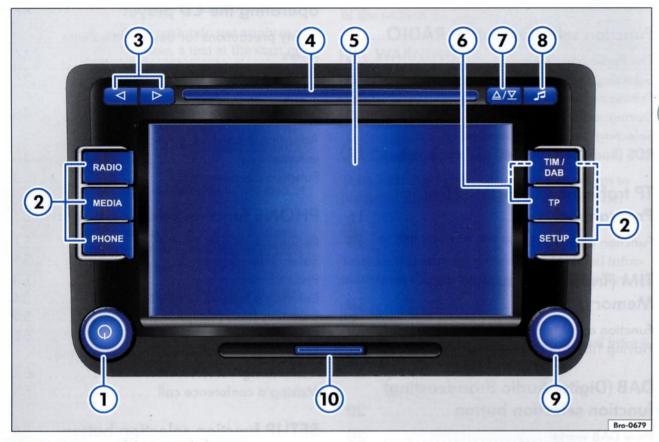


Fig. 1 Overview of the control elements.

- On/off switch and volume control:
 - Switching on and off: Press to switch the unit on or off.
 - Changing the volume: Press to change the volume. A column shows the current volume setting. To mute the radio, turn the volume control anti-clockwise all the way (display: 14). Any audio source being played will stop. The volume of some audio sources can also be adjusted individually.
- **Function selection buttons: Press** to call up the appropriate main
 - and changes the frequency band during radio operation.
 - menu and switches to the media source last played in that menu.

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- (PHONE) - opens the¹⁾ telephone

- - (RADIO) switches to radio mode
 - MEDIA opens the MEDIA main
 - function: mutes the other audio source²⁾.

- [DAB]³⁾ switches to DAB radio mode (Digital Audio Broadcasting).
- (SETUP) enables settings for individual modes.
- and : The forwards and backwards buttons affect the audio source that is currently "active" 4).
 - RADIO mode press briefly to change stations from the station or memory list.
 - DAB radio mode³⁾ press briefly to change the DAB station.
 - MEDIA mode press briefly to change the track, press and hold for fast reverse or fast forward.
- CD slot: The CD slot is locked until released. You must first select the CD slot into which you wish to insert a CD. When prompted, push the CD with the printed side facing up into the CD slot to the point where it is automatically pulled in ⇒ <u>()</u>.
- Touchscreen: Areas with a colour border on the screen are currently "active" and are operated by pressing the screen.
- Traffic news buttons:
 - (TIM)⁵⁾ the TIM function (Traffic Information Memory) allows you to play back recorded traffic information messages. Once up to two different TIM recording times have been entered in the SETUP menu, you can record traffic announcements, even when the unit is switched off. ...
 - (TP) switches the traffic news function (Traffic Programme) on or off, or interrupts a traffic information message that is being
- (7) CD insert and eject button (△/▽): Press briefly to open or close the

- overview menu for inserting and ejecting CDs. (7): Opens the sound and volume
- Setting knob: The function of this button depends on the unit's operating state.
 - RADIO mode turn to manually select a station; press briefly to start or stop a scan.
 - DAB Radio mode³⁾ turn to manually select the station; press briefly to start or stop a scan. ...
 - MEDIA mode turn to change the track; press briefly to start or stop a scan.
 - Memory card slot: Supports SD memory cards (Secure Digital Memory Cards) and MMC memory cards (Multimedia Cards) with a size of 32 mm x 24 mm x 2.1 mm and a capacity of up to 2 GB.
- Caution

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- Inserting a new CD while an inserted CD is being ejected can destroy the CD drive in the unit. Please note that the ejection process takes a few seconds. The protective barrier in front of the CD slot is open while this is happening.
- To avoid damage, do not press the knobs and buttons of the unit forcefully. Light pressure is sufficient to operate the unit. Note that the rotary/push knobs have breaking points to reduce the risk of injury in the event of an accident.
- · Do not use pointed or sharp objects to operate the touchscreen. Light pressure is sufficient to operate the unit. A display on the screen which cannot be called up by pressing it is not available at that time.



• The unit can play a range of different data media and various audio formats \Rightarrow page 28.

18,66

with PREMIUM mobile telephone provision

²⁾ without PREMIUM mobile telephone provision

only in units with DAB radio function

⁴⁾ The types of connection and connected unit determine whether an externally connected unit can be operated by the RCD 510.

only in units with TIM function





- On cabriolet vehicles, the ignition key must be inserted in the ignition lock to insert or eject a CD for anti-theft protection.
- In some vehicles with a parking distance warning system (PDW), the volume of the audio source currently playing is automatically re-

duced when the vehicle is put into reverse gear so that the driver can hear the acoustic signals given by the parking distance warning system (PDW) better ⇒ page 49, "Volume reduction for parking distance warning system (PDW)".

Operation whilst the vehicle is in motion

Travelling on today's roads requires the driver's full attention at all times.



⚠ WARNING

Please keep your attention on driving at all times. Accidents and injuries can occur if the driver is distracted.

- Do not allow yourself to be distracted from the road by making settings on the unit or using the unit itself.
- Please only use the unit when the road, weather and traffic conditions are such that it is safe to do so.

↑ WARNING (continued)

 The different volume settings should be selected so that signals from outside the vehicle, e.g. a police or fire brigade siren, can be heard at all times.



Depending on the country, some of the unit's functions can no longer be selected when the vehicle is travelling above a certain speed. This is not a malfunction, but simply the legal requirements valid in this country.

General operation

The screen of the unit is known as a touchscreen. Areas with a colour border on the screen are currently "active" and can be operated by pressing the screen.

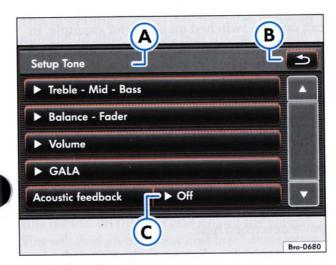


Fig. 2 Sound settings menu.

The following information provides a brief overview of how the unit is operated.

Use the unit buttons to call up the main menus and the sound settings menu

- For instance, press the function selection button \Rightarrow page 2, fig. 1 (RADIO) to open the RADIO main menu ⇒ page 9, "Function selection button RADIO".
- Press the unit button \nearrow page 2, fig. 1 (8) to open the Sound settings menu \Rightarrow fig. 2.

Operating the touchscreen

- Functional or active areas of the screen have a coloured border.
- Press the screen inside the active area to activate it.

"Function buttons" on the screen

 Active areas of the screen that call up a function or menu are called "function buttons".

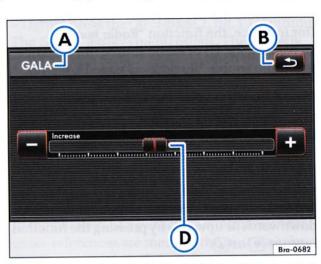


Fig. 3 Setting the speed-dependent volume control.

- When you press a function button, the screen view changes to the corresponding menu.
- For example, in the Sound settings menu, press the FGALA function button \Rightarrow fig. 2 to call up the GALA settings menu \Rightarrow fig. 3. The title line will show the menu where you are currently located (A).
- Use the (♠) (B) function button to switch from any menu back to the previous menu.

Moving objects or controls

- Put your finger on a movable on-screen object, such as the "slider" I for adjusting a setting (D).
- Move your finger across the screen without lifting it. The slider **f**ollows your movements, but only within the predefined area.
- Lift your finger from the screen at the desired setting.
- The slider ☐ on a setting bar can also be moved to the left or right by pressing the function buttons \Rightarrow fig. 3 - or +.

Booklet 3.4 RCD 510

A function button highlighted in grey is currently not available (e.g. the function button \overline{SD} cord in the \overline{MEDIA} main menu if no memory card is inserted \Rightarrow page 29, fig. 22).

A function button with a white background or border indicates the currently selected function (for instance, the function "Radio text" \Rightarrow page 14, fig. 11) or audio source (for instance, the audio source "Radio 2" \Rightarrow page 13, fig. 10).

"Scroll bars": moving the screen section

The vertical bar on the right edge of the screen with a slider between the arrow buttons ⇒ page 10, fig. 6 ♠ and ▼ is called a "scroll bar". It indicates that additional menu entries will become visible if the slider is moved downwards or upwards. You can also move the slider downwards or upwards by pressing the function buttons ▼ or ♠.

If the scroll bar is "filled in" no other entries can be displayed \Rightarrow page 5, fig. 2.

Settings menu: applying settings

Settings or values are steplessly adjusted in a settings menu \Rightarrow page 5, fig. 3. Press the function button to apply a changed setting and to return to the original menu.

"Pop-up window": selecting an option

A function button with an arrow ▶ after another function button indicates the currently selected setting, e.g. for Confirmation tone ▶ Off ⇒ page 5, fig. 2 ©.

If you press the ▶ Off function button on the screen, a pop-up window ⁶⁾ opens, displaying all the possible setting options.

Briefly press the desired setting option. The pop-up window disappears and the newly selected setting is displayed. To close the pop-up

window without changing the setting, press the function button in the pop-up window.

"Checkbox": switching a function on or off

Some functions can only be switched on or off.

You will find a "checkbox" next to functions that can only be switched on or off (for example, in the settings for playing MP3 files ⇒ page 68). A tick in a checkbox ✓ indicates that the function is switched on, and an empty checkbox ☐ means that it is switched off.

To switch a function on or off, press the function button briefly.

Differing screen displays

The displays appearing on the screen can vary depending on the settings, and may differ from those described here.

In some vehicles, changes to the air conditioning settings can be displayed on the screen. You can adjust the duration of these displays or switch them off completely \Rightarrow page 69.

Brief displays may appear on the screen with some factory-fitted driver assistance systems⁷⁾. These displays disappear automatically when they are no longer required.

Some full-screen displays can be closed by pressing the 🕒 function button.

Vehicles with multi-function steering wheel⁷⁾

You can carry out certain actions (for example, changing stations in the *RADIO* main menu) using the arrow buttons on the multi-function steering wheel and with the help of the combinistrument. See your vehicle's owner's manual for instructions on operation using the multi-function steering wheel.

About this operating manual

A brief explanation to better understand the presentation of procedures and functions shown in this manual.

This operating manual differentiates between non-modifiable, printed buttons on the unit, and the "function buttons" (soft buttons) which appear on the screen.

The printed unit buttons (e.g. the function selection buttons ⇒ page 2, fig. 1 ②) are always accompanied by the word "button" in the text An example instruction in the manual is: "Briefly press the ₱ button." If a "button" or a "function selection button" is mentioned in the manual together with a button symbol ☐, you will find this button on the unit and not on the screen. You will find an overview and brief description of the unit buttons at the beginning of the manual ⇒ page 2, fig. 1.

Function buttons are indicated in the text by the word "function button" and the button symbol or, in some cases, **only** by the button symbol

When a function button is referenced in an illustration for the first time, an illustration reference is inserted in addition to the button symbol. The illustration reference is shown at the beginning of an illustration description. When the text refers to another illustration, a new illustration reference is inserted.

Procedure example

The sequence of actions for opening the *GALA* settings menu is therefore described as follows:

– Lightly press the \nearrow page 2, fig. 1 ⓐ button. The *Sound settings* menu opens. Then briefly press \Rightarrow page 5, fig. 2 GALA to open the *GALA* settings menu \Rightarrow page 5, fig. 3.

Structure of the operating manual

The unit overview is at the beginning of the operating manual. Here the unit buttons (hard-keys) and additional control elements are explained in a brief overview.

If more detailed information is required relating to the position of a particular control element, cross-references are made to the unit overview and its numbering. Only the screen content is shown in other illustrations in the manual.

An overview providing a brief explanation of the available functions is included at the beginning of each main chapter. The details of the individual commands can be found in the further chapters of this main chapter.

Alterations to the screen appearance

The unit's software may have been modified with vehicle-specific updates since the publication of this operating manual. If this is the case, the names of certain function buttons and the display colours may differ from the descriptions given in this operating manual.

⁷⁾ Optional equipment!



A pop-up window is shown in front of the current menu and is closed automatically after a setting has been selected.

Switching on or off

- Briefly press the on/off switch Q
 ⇒ page 2, fig. 1 1 to switch on the unit.
 The system is started and the most recent settings are loaded. The most recently used audio source is activated.
- Press the on/off switch \widehat{Q} again to switch off the unit.

When the unit is switched on, the last audio source used is activated at the most recent volume setting, provided that the pre-selected "switch-on volume" is not exceeded ⇒ page 48.

Time out

When you remove the key from the ignition lock, the unit is switched off. You can then switch the unit on again with on/off switch \mathbb{Q} . The unit will be switched off again automatically after a half an hour to protect the vehicle battery.

Convenience radio coding

If the unit is removed and reinstalled or the vehicle battery disconnected, you will no longer have to enter the anti-theft coding manually as the code number remains stored in the vehicle when it is entered for the first time.

If the code numbers do not match, however, e.g. because the unit has been installed in another vehicle, the electronic lock must be released manually ⇒ page 71, "Entering the PIN". ◀

Function selection button RADIO

The Radio main menu

Press the RADIO function selection button to open the Radio main menu and to change the frequency band.



Fig. 4 RADIO main menu.

Opening the RADIO main menu

- Press the RADIO function selection button to open the *RADIO* main menu. The station you are currently listening to is shown at the top of the screen. With RDS-compatible⁸⁾ stations, the station name is displayed if the reception is strong enough (in the example: "Radio 2" \Rightarrow fig. 4).

Changing frequency band

In the RADIO main menu, press the
 RADIO function selection button to change the frequency band. The currently selected frequency band is displayed in the top left corner of the screen ⇒ fig. 4.

Alternatively, in the RADIO main menu, press the Band function button and then press FM or AM in the pop-up window that opens.

AM and FM frequency bands

The AM frequency band (amplitude modulation) is equivalent to the medium wave frequency band (MW). The frequency band FM (frequency modulation) is equivalent to very high frequency (VHF).

Function buttons in the Radio main menu:

1... to24 – station buttons for storing or selecting radio stations \Rightarrow page 12. In the *Radio settings* menu you can determine which station buttons are displayed \Rightarrow page 65.

Station list – opens the list of currently receivable radio stations \Rightarrow page 10.

Memory – opens the list of stored radio stations. While a radio station is being played, it can be stored directly in the memory \Rightarrow page 12.

Extras – allows you to start the Scan function \Rightarrow page 10 or display the radio text \Rightarrow page 14.

Man. – opens the selected frequency band ⇒ page 11, "Setting radio stations manually". <

Quick Reference Guide Function selection button RADIO

^{8) &}quot;Radio Data System" - used to transmit programme identification and additional services ⇒ page 14, "RDS (Radio Data System) and radio text"

Selecting radio stations

All radio stations with strong reception are automatically stored in the station list. The station list is regularly updated in the background. To select a radio station, press the screen.



Fig. 5 RADIO main menu.

Open the *RADIO* main menu and select the desired frequency band, as described above \Rightarrow page 9.

Changing radio stations

- Briefly pressing the arrow buttons on the unit ⇒ page 2, fig. 1 ③ or pressing the arrow buttons on the screen of the *RADIO* main menu takes you to the previous or next station. Depending on the settings in the *Radio settings* menu, you move to a station from the station list or the memory list⇒ page 65, "Specifying station selection using arrow buttons".

Selecting radio stations from the station list

- Touch the Station List function button to view a list of all radio stations which can currently be received. The list "jumps" straight to the view for the station you are currently listening to ⇒ fig. 6.
- Move the slider in the right-hand scroll bar down to see more stations.

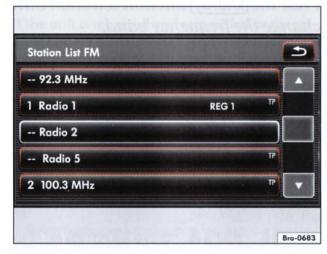


Fig. 6 Station list: Radio 2 selected.

Press the required station to select it.
 The station list view closes automatically after around 20 seconds of inactivity.

Scan function for scanning all receivable radio stations

- Briefly press the setting knob at the bottom right of the radio unit ⇒ page 2, fig. 1 ② to start the scan function for the current frequency band. All radio stations with strong reception are scanned for about five seconds each in the sequence in which they appear in the station list.
- Alternatively, press the Extras function button, followed by Scan in the pop-up window.
- While the scan function is running, the
 Extras function button changes to ► Scan.
- Briefly press the setting knob again or press the Scan function button to stop the scan at the station that is currently playing.

The unit regularly executes a search to check what stations can be received and updates the

station list accordingly. The station list can only be updated when it is closed.

No station list is available for the AM frequency band.

If the traffic news function (**TP**: Traffic Programme) is switched on, please see ⇒ page 17, "Search function and traffic news".

More information on the traffic news function ⇒ page 16, "TP traffic news function (Traffic Programme)".



- If "Memory" appears at the top left of the screen ⇒ page 13, fig. 10, you can select only the stations stored in the memory list using the arrow buttons ⇒ page 65, "Radio settings".
- You can make further settings for radio operation in *Radio settings* ⇒ page 65.
- In vehicles with a window aerial, the reception could be impaired if foil or metal-coated stickers are attached to the windows.

Setting radio stations manually

You can also tune to a radio station by manually selecting its frequency.



Fig. 7 RADIO main menu with dial for the selected frequency band.

In the RADIO main menu, when you turn the setting knob (9) or press the Man. function button, the frequency dial for the selected frequency band appears in the lower section of the screen.

- To tune to the desired station's frequency, turn the setting knob. Alternatively, you can change the frequency in steps by briefly pressing the arrow buttons to the right and left of the frequency band dial.
- To change the frequency in larger steps, place your finger on the slider □ on the frequency band dial and pull the slider to the right or left without taking your finger off the screen.
- Briefly press the setting knob to stop manual frequency selection and to display the lower function buttons again.

To change to the previous or next available station on the displayed frequency band, briefly press the appropriate arrow button on the unit \Rightarrow page 2, fig. 1 ③ or press the appropriate arrow button at the top of the screen \Rightarrow fig. 7.

Press and hold one of the arrow buttons to move quickly through the frequency band. Available radio stations will be passed without being played. Only when you release the arrow button will the unit tune to the next available radio station.



Storing radio stations

Radio stations can be stored directly on the displayed "station buttons" or in the memory list.



Fig. 8 RADIO main menu.

The six consecutively numbered function buttons in the *RADIO* main menu are called "station buttons" ⇒ fig. 8.

Storing the current radio station to the displayed station button

Press and hold one of the six station buttons 1... to 6... displayed in the *RADIO* main menu until you hear a beep. The station currently playing is now stored on that station button \Rightarrow page 13, fig. 10.

Storing the current radio station in the memory list

- In the *RADIO* main menu, press the \Rightarrow fig. 8 Memory function button to open the memory list. A list of all station buttons that can be displayed in the *RADIO* main menu appears on the screen \Rightarrow page 65, "Selecting station buttons for display".
- You will see the station you are currently listening to at the top of the list
 ⇒ fig. 9. Previously stored radio stations and all available memory locations are displayed beneath it. To view all of the memory locations, move the slider at the right of the screen down.

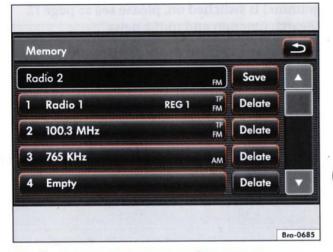


Fig. 9 Memory list: storing radio stations.

- Press the ⇒ fig. 9 Store function button to store the displayed radio station (in the example: "Radio 2") to a memory location.
- In the Select memory location menu, select a memory location from the list by pressing it. If you select a memory location where another station is already stored, this other station will be overwritten.

Deleting a radio station from the memory list

- Open the memory list as described.
- Press the Delete function button next to the station you wish to delete.
- Accept the confirmation dialogue by pressing Delete to permanently remove the station from the memory list.

You can also simultaneously delete all the radio stations stored in the memory list \Rightarrow page 65, "Deleting a memory list".

If the radio station you are currently listening to is already stored in the memory list, the memory location number will be displayed in the top left corner of the *RADIO* main menu next to the frequency band name (**FM** or **AM**) \Rightarrow fig. 10. The list will "jump" directly to the view of that memory location when you open the memory list.

You can specify which six station buttons will appear in the *RADIO* main menu in the *Radio*

settings menu \Rightarrow page 65. In total 24 memory locations are available for you to store different FM and AM stations.

The view of the memory list closes automatically after around one minute of inactivity.

If an incorrect name is displayed when you store a radio station, please see ⇒ page 14, "Changing stored radio station names". ◀

Selecting stored radio stations

Stored radio stations can be selected using the on-screen station buttons or from the memory list.

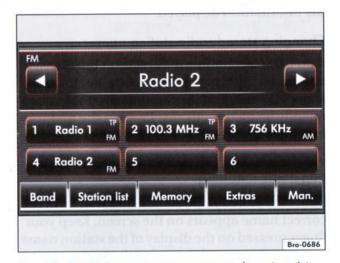


Fig. 10 RADIO main menu: memory location 4 is selected.

Selecting stations via the station buttons

- Briefly press one of the six station buttons \Rightarrow fig. 10 [1...] to [6...] displayed in the *RADIO* main menu to activate the station shown.

Selecting stations from the memory list

- Press Memory to open the memory list.
- In the memory list, press the display of the station you require \Rightarrow fig. 10.

If selecting from the Memory list is programmed in $Radio\ settings \Rightarrow page\ 65$ as an option for the arrow buttons, then stored stations can also be selected using the arrow buttons on the unit and the on-screen arrow buttons on the RADIO main menu screen. In this case the word "Memory" will appear at top left beneath the function button $\P \Rightarrow fig.\ 10$.

You can specify which six station buttons will appear in the *RADIO* main menu in the *Radio* settings menu \Rightarrow page 65, "Selecting station buttons for display".

The view of the memory list closes automatically after around one minute of inactivity. ◀



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RDS (Radio Data System) and radio text

If a station supports RDS, the station name can be displayed in place of the frequency, provided the reception is sufficiently strong. Additional information can also be received and displayed (radio text).



Fig. 11 Radio text switched on.

Switching radio text on or off

- In the *RADIO* main menu, press the Extras function button and in the pop-up window that opens press Radio text. The window for displaying radio text opens in the lower half of the screen, replacing the six station buttons.
- To display the station buttons again, the radio text window must be closed. Press the radio text display window.
- Alternatively, press the (Extras) function button, followed by the highlighted ⇒ fig. 11 (Radio text) function button in the pop-up window.

RDS (Radio Data System) is used to transmit programme identifiers and additional services, thereby enabling functions such as "automatic station tracking" in FM radio mode.

Automatic station tracking always switches automatically to the current radio station's frequency that offers the best reception, as the vehicle travels from one area to the next.

Radio text

Radio text is an additional RDS service used by RDS-compatible stations on the FM frequency band to transmit text information related to their programme, which can be displayed on the

Not all radio stations support RDS and radio text. If no radio text is available, the radio text window remains empty after it is opened.

If the reception is poor, the radio text may be displayed incorrectly.

The individual radio station is responsible for the information displayed.

Changing stored radio station names

If an RDS-compatible radio station broadcasts additional information while a station is being stored, the name of the radio station may subsequently be incorrectly displayed in the memory

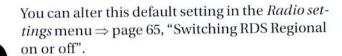
In this case, you can change the displayed station name manually.

Select the stored radio station and wait until the correct name appears on the screen. Keep your finger pressed on the display of the station name between the arrow buttons until "Station name has been stored" appears.

RDS Regional (automatic frequency change for regional stations)

FM radio stations broadcast under the same name on several different regional frequencies. Some of these "stations" will broadcast under the same name temporarily or always have different content according to region.

As a default setting, the automatic station tracking always switches automatically to the radio station's frequency that offers the best reception, as the vehicle travels from one area to the next (RDS Regional) (Automatic). This can, however, result in a regional radio programme being interrupted as the unit switches to another frequency with a better reception, on which the same radio station is broadcast from a different regional transmitting station.



If you change the setting to RDS Regional ▶ Fixed, when travelling through the broadcasting range of a regional station, the radio will initially attempt to tune to only regional alternative frequencies for the selected station. However, if the quality becomes so bad that reception becomes intermittent, the radio will also accept frequencies from the same radio station with a different regional programme.



TP traffic news function (Traffic Programme)

Function and operation

If the traffic programme function is turned on, you will hear traffic announcements made by a "TP station" during active audio mode. The active audio mode will be interrupted for the duration of an announcement.



Fig. 12 Incoming traffic announcement.

Switching on or off

- Press the function selection button TP to switch the traffic news function on and off. If the traffic news function is active, then "TP" is shown in the top right corner of the display.
- When the (TP) function selection button is pressed in FM radio mode, if the current radio station does not support the traffic news function or EON (⇒ page 16, "EON (Enhanced Other Network)"), the unit will automatically switch to a traffic news station.

"Traffic news stations" are radio stations that transmit regular traffic news.

If the traffic news function has been switched on and a TP station has been selected, traffic announcements from this radio station will interrupt the active audio mode.

The audio medium being played will be paused for the duration of an announcement. The radio will switch to the traffic news station for the duration of the traffic announcement.

EON (Enhanced Other Network)

If the selected radio station does not broadcast its own traffic news, but does support EON (Enhanced Other Network), the unit will temporarily switch over to play traffic announcements from a corresponding traffic news station as they are broadcast. This happens only when the traffic news function is switched on and a corresponding traffic news station can be received.

If this is the case, pressing the TP button will not make the unit switch to a traffic news station. The traffic news function remains active and "TP" is displayed. Only when you change to the AM frequency band, does the unit switch to the corresponding traffic news station in the background.

Traffic news display TP (Traffic Programme)

- TP: traffic radio function switched on and traffic news station selected.
- No TP: Traffic news function switched on, but no traffic news station has been selected or no traffic news station reception.
- No display: Traffic news function switched off.
- "TP" will also be displayed on the screen in AM mode or media mode if the traffic news function is switched on and a traffic news station has been selected.
- The display "TP" in conjunction with a station name (e.g. in the station list or memory list) indicates a TP station.

Search function and traffic news

If the traffic news function is switched on, only traffic news stations are offered to you during an automatic station search with the ⟨¬ / ⟨¬ arrow buttons or when using the scan function \Rightarrow page 10.

If the traffic news function is switched on in FM mode and a traffic news station has not been selected, the unit will automatically select the next traffic news station with a good reception.

If the traffic news function is switched on in AM or media mode, the radio searches through the FM frequency band for a traffic news station. This does not interrupt the AM or media mode. When a traffic news station is found, "TP" appears again on the screen.

If the traffic news function is switched on, and a radio station that does not support the traffic news function is selected from the memory list or tuned in manually, an audible warning is also given after a few seconds and the text No TP flashes for 3 seconds. The selected station is retained and NO TP remains on the screen. Only when the unit is muted (volume control turned anti-clockwise all the way) or is switched to AM mode or media mode, will it, after a while, start to search for a traffic news station in the background (display: "TP SEEK"). When a traffic news station is found, "TP" appears again on the screen. The name of the set traffic news station appears next to it.

If the radio is in FM mode and the traffic news function is switched on, an audible warning is given and the text No TP flashes for 3 seconds when the reception of the selected traffic news station is completely lost. No TP is then displayed permanently. If you start the automatic station search with \(\rightarrow \), the radio searches for next traffic news station it can receive.

When the radio is in AM mode or media mode and the traffic news function is switched on, the radio will automatically search for a new traffic news station whenever the traffic news station selected in the FM mode can no longer be received. The same applies when the radio is muted in FM mode with the traffic news function switched on.

Incoming traffic announcement

A pop-up window opens \Rightarrow page 16, fig. 12 while a traffic announcement is being played.

If you wish to interrupt the announcement, press [Cancel] in the Traffic announcement popup window. The TP function remains in standby (display: TP) and the next traffic announcement will be made in the current audio mode. Press (Deact. TP) to permanently deactivate the TP func-

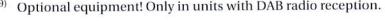
The system switches to a predefined volume for the duration of a traffic announcement. You can adjust the predefined volume in the Sound settings main menu ⇒ page 48. During a traffic announcement, you can alter this predefined volume with the volume control.

Special features in DAB radio mode⁹⁾

You can choose to hear the traffic announcements of the currently selected DAB radio station by selecting the appropriate settings in the DAB settings menu \Rightarrow page 67. In DAB radio mode, the radio will then ignore traffic announcements on FM traffic news stations provided the currently selected DAB station itself broadcasts traffic announcements.

If in the *DAB settings* menu the announcement type "Traffic info" is deactivated, traffic announcements from FM traffic news stations will interrupt the active audio mode, as described for AM mode and media mode.

⁹⁾ Optional equipment! Only in units with DAB radio reception.



TIM (Traffic Information Memory)

Applies to vehicles: with a radio that supports the TIM function

Function and operation

A total of nine traffic announcements with a total length of four minutes will be recorded automatically if the traffic news function is switched on (display: "TP") and a traffic news station can be received. Traffic announcements can also be recorded when the radio and the vehicle have been switched off.

Recording traffic announcements automatically

As long as the ignition is switched on, incoming traffic announcements will be recorded if the traffic news function is switched on and a traffic news station can be received. You can, in this way, access information about the current traffic situation at all times even if your radio has been switched off for a prolonged period during the journey ⇒ page 19, "Playing TIM traffic announcements".

When the vehicle is parked (ignition off), if the traffic news function is on and a traffic news station can be received, traffic announcements from this station will be recorded for a period of two hours.

The current traffic news station will be shown in the display for approximately five seconds after the ignition is switched off. Traffic announcements from this station will be recorded for the next two hours. You can, during this five-second display, select a different traffic news station for the recording function using the arrow buttons.

A different traffic news station will be selected automatically if the reception of the set radio station grows poor due to external influences.

A maximum total of nine traffic announcements with a total length of four minutes can be recorded. The oldest traffic announcement will always be overwritten if the memory is full.

TIM recording times

You also have the option of setting two TIM recording times at which the unit will record traffic announcements, even when the vehicle is parked. At the set TIM recording time, the unit will start to record all incoming traffic announcements on the traffic news station that has been selected ⇒ page 66, "Traffic news settings (setting TIM recording times)".

If, for example, you drive to and from work at a set time every day, you only have to enter the approximate starting time. The unit will start to record 90 minutes before the set starting time and will stop recording 30 minutes after that time. You can, in this way, listen to the most recent traffic announcements before starting your journey and adjust your route to suit current traffic situations.



- The radio stations broadcasting the traffic announcements are responsible for their con-
- A traffic announcement can only be recorded if the traffic news function is switched on and a traffic news station can be received (display: **TP**) \Rightarrow page 16.
- The oldest announcement will always be overwritten when the memory is full.
- The beginning of a traffic announcement will be overwritten if the announcement is longer than four minutes.
- No further announcements will be recorded if the vehicle is not used for longer than three days. This will protect the battery.



Playing TIM traffic announcements



Fig. 13 Listening to stored TIM traffic announcements.

- Press the (TIM) function selection button to listen to the stored traffic announcements. Traffic announcements will be played back starting with the most recently recorded announcement and ending with the oldest announcement \Rightarrow fig. 13.
- Press the function button to switch to the beginning of the traffic announcement currently being played.
- Press the function button again to switch to the next-oldest recorded traffic announcement.
- Press the → function button to skip a traffic announcement.
- You can interrupt playback by pressing the III function button. The function button changes to [>]. To restart playback where you left off, press . <



DAB (Digital Audio Broadcasting) function selection button

Applies to vehicles: with DAB radio reception

How DAB works

DAB (Digital Audio Broadcasting)

"Normal" terrestrial $^{10)}$ radio reception on the FM frequency band is called "analogue radio reception".

DAB is a "digital" transmission standard for the reception of radio broadcasts. DAB is also referred to as "digital radio", but should not be confused with other digital radio standards.

DAB is transmitted on band III (174 MHz - 240 MHz) and the L band (1452 MHz - 1492 MHz). The frequencies on the two bands are referred to as "channels" and each has a channel name. For example, the frequency 223 936 in band III is called channel "12 A".

Thanks to digital broadcasting technology, DAB is much less sensitive to interference than conventional, analogue radio reception.

The advanced coding system allows far more data to be transmitted on one reception channel and produces a sound reproduction quality similar to that of audio CDs.

"DAB ensembles" and additional services

Because DAB allows far more data to be transmitted on one channel, DAB radio stations broadcast by combining several audio data streams together with additional services to form an "ensemble", which is transmitted at a high data rate.

Therefore an ensemble transmitted on one channel may consist of several DAB stations and available additional services.

Current and future additional services will allow the transmission of additional information to the radio. For instance, regional and national news, similar to radio text transmitted via RDS ¹¹⁾, can be displayed on the radio screen ⇒ page 22 or even played to interrupt the current DAB radio mode, similar to a traffic announcement.

Various types of announcement are available (news, sport, weather, warnings etc.). In the DAB settings menu select the types of announcement you would like to interrupt the current DAB radio mode \Rightarrow page 67.

If the settings in the *DAB settings* menu determine that traffic announcements from a DAB traffic news radio station should interrupt the current DAB radio mode, TP traffic announcements from FM traffic news stations will be ignored, provided a DAB traffic news station is available ⇒ page 16.

Some DAB stations also offer temporarily available additional stations, for instance, to broadcast sports events ⇒ page 22, "Playing additional stations".

Availability of DAB

DAB is available in virtually all areas of Germany, the UK, Belgium and Denmark, and in parts of Switzerland. In France, Italy, the Netherlands and Austria DAB reception is restricted to certain urban areas.

At present, however, coverage and station availability may still vary considerably between the individual areas.

Depending on your radio settings, if the radio is set to DAB mode and you travel into an area in which DAB reception is not available, the unit will search for the currently selected DAB radio station on the FM frequency band ⇒ page 22, "Automatic retuning in DAB radio mode". ◀

Applies to vehicles: with DAB radio reception

The DAB radio main menu



Fig. 14 DAB radio main menu.

The currently selected ensemble is displayed in the top line of the screen. The selected DAB station of this ensemble appears below it.

Switching to DAB radio

- Press the DAB function selection button to open the *DAB radio* main menu. The most recently selected DAB radio station will be played if a reception is available at your current location (in the example: "DAB radio A-2").

Changing DAB stations

— In the DAB radio main menu, press one of the arrow buttons on the screen ⇒ fig. 14 or briefly press one of the arrow buttons on the unit to change to the next DAB station in the currently selected ensemble. After you have reached the last (or first) DAB station in the currently selected ensemble, the unit changes to the first (or last) DAB station of the next ensemble.



Fig. 15 DAB radio main menu with radio text display.

Changing ensemble

 In the DAB radio main menu, press and hold one of the arrow buttons on the screen ⇒ fig. 14 or on the unit to change directly to the next ensemble. The first DAB station of the ensemble will be played.

Scan available DAB stations (Scan function)

- Briefly press the setting knob at the bottom right of the radio unit ⇒ page 2, fig. 1 ② to start the scan function. All available DAB stations are scanned for about five seconds each in the sequence described above.
- Alternatively, in the *DAB radio* main menu, press the \Rightarrow fig. 14 (Extras) function button and in the pop-up window that opens press (Scan).
- While the scan function is running, the
 [Extras] function button changes to ▶ Scan.
- Briefly press the setting knob or the
 ▶ Scan function button again to stop the scan at the DAB station that is currently playing.

 $^{^{10)}}$ Digital terrestrial television is broadcast entirely using earthbound circuits.

 $^{^{11)}}$ \Rightarrow page 14, "RDS (Radio Data System) and radio text"



Showing or hiding radio text

- In the *DAB radio* main menu, press the function button and in the pop-up window that opens press Radio text. The radio text broadcast by the currently selected station appears in the lower half of the screen, replacing the six station buttons ⇒ page 21, fig. 15.
- You can display the station buttons again by hiding the radio text. Press the radio text display window.
- Alternatively, in the DAB radio main menu, press the function button and in the pop-up window that opens press

 Station buttons

Radio text is not supported by all DAB stations. If no radio text is available, the radio text window remains empty after it is opened.

Playing additional stations

If "Additional station available" appears below the display for the currently selected DAB station \Rightarrow page 21, fig. 14, press the function buttons [Extras] and [Additional stations] to open a list, from which you can select and play the additional station. The currently selected additional station is displayed below the main station on the screen \Rightarrow page 25, fig. 21.

An additional station is a subsidiary station of the selected DAB station and is often only temporarily available (for instance, for broadcasting sports events). An additional station **cannot** be stored and is **not** displayed in the station list.

If the reception is interrupted for a time, the list for selection of an additional station may remain empty.

Function buttons in the DAB radio main menu:

1... to ...18 – station buttons for storing and selecting DAB radio stations \Rightarrow page 25. You can adjust the settings to determine which station buttons are displayed \Rightarrow page 67.

 \square or \square – displays and hides the radio text window \Rightarrow page 22.

Station list – opens the list of DAB stations available in the selected ensemble \Rightarrow page 23.

Memory – opens the list of stored DAB stations. While a DAB station is being played, it can be stored directly in the memory \Rightarrow page 25.

Extros – calls up additional functions such as $\overline{\text{Scon}}$ (station search) \Rightarrow page 21, \Rightarrow page 24, "Updating the stations", \Rightarrow page 22, "Playing additional stations".

Man. – opens the DAB frequency band for manual selection of a different channel or a different ensemble.

Automatic retuning in DAB radio mode

While you travel, the unit will seek to retain a reception for the selected DAB station. If the currently selected DAB station is broadcast at a new location on a different channel and in a different ensemble, the unit automatically switches to this ensemble and channel to retain reception of the DAB station you are listening to.

If you enter an area in which DAB is not available ⇒ page 20, "Availability of DAB", an aerial symbol with a line through it will appear next to the selected DAB station and the DAB stations in the station list "("\")". If the automatic station tracking function is allowed to switch to the FM frequency band, the unit will attempt to find the selected DAB station on the FM frequency band ⇒ page 67, "Automatic change from DAB to FM".

Station tracking across frequency bands will only work if the DAB station and the analogue station transmit the same station identifier via RDS or the DAB transmission contains an indication of a corresponding station on the FM frequency band. If a corresponding FM station is found, "(FM)" is displayed next to the station name.

Shortly after DAB becomes available again and the reception for the corresponding DAB station returns, the unit will switch back to DAB mode.

You can also switch back manually to the DAB station from the corresponding FM station. You can do so by pressing the corresponding memory location if the DAB station is stored to a memory location. In the DAB station list, press the name of the station you require ⇒ page 23, fig. 16.

If no reception can be found for a DAB station at the new location, the radio is muted.



The individual DAB station is responsible for the information and content transmitted in radio text and DAB announcements. ◀

Applies to vehicles: with DAB radio reception

DAB station list

Unlike in "normal" radio mode, in DAB radio mode the station list only contains the currently selected ensemble.

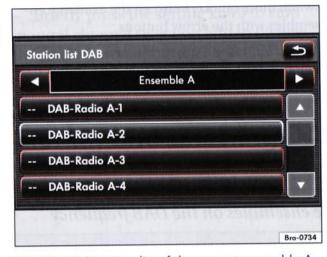


Fig. 16 DAB station list of the current ensemble A.

Selecting DAB stations from the station list

- To display the station list for the currently selected ensemble, in the DAB radio main menu press the Station list function button. The currently selected DAB station is highlighted ⇒ fig. 16.
- If necessary, move the slider in the scroll bar down to see more DAB stations available in the selected ensemble.
- Press the desired DAB station in the station list to select it.

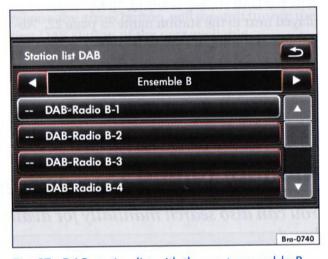


Fig. 17 DAB station list with the next ensemble B.

Changing to the station list for the next ensemble

- When you press one of the arrow buttons on the screen ⇒ fig. 16 ◀ or ▶ in the DAB station list view, the view changes to the next known ensemble and the first DAB station of the ensemble is played ⇒ fig. 17.
- To search for new available ensembles, press and hold one of the arrow buttons on the screen.

The arrow buttons on the unit \Rightarrow page 2, fig. 1 \triangleleft and \triangleright have the same functions in the station list view as in the *DAB-Radio* main menu \Rightarrow page 21. In the station list, they also switch to the next DAB station and, unlike the arrow buttons on the screen \Rightarrow fig. 16, do not change the ensemble.





The DAB station list view closes automatically after around 20 seconds of inactivity.

The DAB station list does not show whether there are additional stations available with the individual DAB stations. Only when a DAB station has been selected, can you see in the DAB radio main menu whether an additional station is available \Rightarrow page 21, fig. 14.

If an aerial symbol with a line through it appears next to the DAB stations in the station list "\", this means that the ensemble broadcast on the selected channel is not available at your current location. If an FM station corresponding to the selected DAB station is found, "(FM)" is displayed next to the station name ⇒ page 22, "Automatic retuning in DAB radio mode".

Updating the stations

In order to quickly find the ensembles available at your current location and their DAB stations as you switch between them with the arrow buttons, the radio "remembers" the positions of the ensembles on the DAB frequency band \Rightarrow fig. 18.

After changing location, it is advisable to update the DAB station list once, so that the radio does not look for ensembles available at your previous location in the wrong positions.

When you update the station list, the unit searches for currently available ensembles and remembers their positions again, to allow you to switch more quickly between the available ensembles with the arrow buttons.

In the DAB radio main menu, press the Extras function button and in the pop-up window that opens press (Update stations).

 Turn the setting knob to select the desired channel. The currently selected channel appears in the second line of the screen. If a DAB ensemble is broadcast on the selected channel, its name is displayed in the top line of the screen and the first DAB station of the ensemble will be played \Rightarrow page 24, fig. 19.

- Press and hold one of the arrow buttons to the left and right of the frequency dial to move quickly through the frequency band. Release the button to stop.
- Briefly press the setting knob to stop manual channel selection and to display the lower function buttons again.

Special characteristic

When you start a search in manual channel selection by pressing an arrow button at the top of the screen or briefly pressing an arrow button on the unit, the first DAB station of the ensemble found will be played. Unlike in the DAB radio main menu ⇒ page 21, fig. 14, pressing the arrow button again will not switch to the next DAB station of the selected ensemble, but will start the search again to find the next available ensemble.

Press and hold one of the arrow buttons at the top of the screen to move quickly through the DAB frequency band. Available ensembles will be passed without being played. Only when you release the arrow button, will the unit tune to the first DAB station of the next available ensemble.

Applies to vehicles: with DAB radio reception

Manual tuning

You can also search manually for available ensembles on the DAB frequency band.

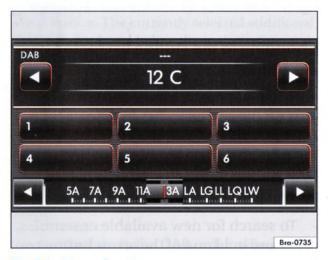


Fig. 18 Manual tuning.

- In the DAB radio main menu, when you turn the setting knob (9) or press the ⇒ page 21, fig. 15 [Man.] function button, the DAB frequency dial appears in the lower section of the screen \Rightarrow fig. 18.

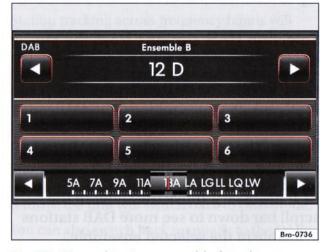


Fig. 19 Manual tuning: ensemble found.

Applies to vehicles: with DAB radio reception Storing and selecting DAB stations

Radio stations can be stored directly on the displayed "station buttons" or in the memory list.

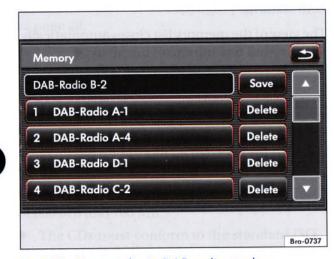


Fig. 20 Memory list in DAB radio mode.

In DAB radio mode, too, the six numbered function buttons in the DAB radio main menu are used as "station buttons" for storing and selecting DAB stations \Rightarrow page 21, fig. 14.



Fig. 21 DAB radio main menu with programmed station buttons.

Storing the current DAB station to a station button

 Press and hold one of the six station buttons \Rightarrow page 21, fig. 14 1... to 6... displayed in the DAB radio main menu until you hear a beep. The DAB station currently playing is now stored to that station button.



Storing DAB stations in the memory list

- In the DAB radio main menu, press the Memory function button to open the memory list.
- You will see the DAB station you are currently listening to at the top of the list ⇒ page 25, fig. 20. Previously stored DAB stations and all available memory locations are displayed beneath it. To view all of the memory locations, move the slider at the right of the screen down.
- Press the Store function button to store the displayed DAB station (in the example: "DAB-Radio B-2") to a memory location.
- In the Select memory location menu, select a memory location from the list by pressing it. If you select a memory location where another DAB station is already stored, this other station will be overwritten.

Deleting DAB stations from the memory list

- In the DAB RADIO main menu, press the ⇒ page 12, fig. 8 Memory function button to open the memory list.
- Press the Delete function button next to the DAB station you wish to delete.
- Respond to the confirmation dialogue by pressing Delete to permanently remove the DAB station from the memory list.

You can also simultaneously delete all of the DAB stations that are stored in the memory list ⇒ page 67, "Deleting a memory list".

If you are listening to an additional station ⇒ page 25, fig. 21 this cannot be stored and will not be displayed in the station list. Only the main station can be stored (in the example: "DAB-Radio B-2").

You can specify which six station buttons will appear in the DAB RADIO main menu in the DAB settings menu \Rightarrow page 67. In total, 18 memory locations are available for you to store different DAB stations.

The view of the memory list closes automatically after around one minute of inactivity. ◀

Function selection button MEDIA

Notes and requirements

General notes

A range of different audio file formats can be played from various data media.

The internal CD drive can be used to play CD-ROMs, CD-Rs or CD-RWs with the format CD-DA (Digital Audio).

MP3 CDs can also be played.

SD memory cards may be used by inserting them into the SD card slot. The unit can play audio files stored on the SD memory card.

Bought audio CDs (CD-DA) that meet the necessary specifications generally have the CD Digital Audio logo on them. CDs that have copy protection do not have this logo and often cannot be played.

MP3 and WMA files can also be played.

WMA files must not be copyright protected ⇒ page 28.

Audio files on data media are often organised into folders ☐ and playlists ② to determine, for instance, a certain playing order ⇒ page 38, "Play order of MP3 files and folders".

Copyright

Music files stored on data media are normally subject to national and international copyright laws. In certain countries, they may not be copied even for private use without prior consent of the copyright holder.

Please find out about relevant copyright laws and observe them.

These restrictions do not apply to compositions and recordings for which you personally hold the copyright or for which you have been granted rights.

Data media

MP3 files or unprotected WMA audio files (Windows Media Audio) can be played from the following data media:

- CD-ROM, CD-R and CD-RW with capacities of 650 MB and 700 MB.
- The CDs must conform to the standard ISO 9660 Level 1 or 2. This is the customary international standard for the format logic of files and folders on a CD-ROM.
- CDs that comply with the Joliet file system (single-session or multi-session) can also be played.
- CDs that have been wholly or partly recorded with "packet writing" (UDF or Direct CD formats) cannot be played.
- The memory card slot accepts memory cards with a size of 32 mm x 24 mm x 2.1 mm or 1.4 mm.

- The unit can read SD memory cards (Secure Digital Memory Cards) and MMC memory cards (Multimedia Cards) with a capacity of up to 2 GB. The unit does not support other memory cards that fit the slot physically, such as SDHC cards (Secure Digital High-Capacity Memory).
- The unit also supports SDHC memory cards (Secure Digital High-Capacity Memory Cards) with a capacity of up to 32 gigabytes.

Audio CDs with CD text

The unit can also play audio CDs with CD text. These CDs also contain text information, which can be displayed on the screen, such as track, album and artist.

The displaying of the track, artist and album names can be deactivated in "Media settings" ⇒ page 68.



Booklet 3.4 RCD 510

CDs with CD text are played just like normal audio CDs.

Data medium cannot be read

If a data medium that the unit cannot read is inserted, a pop-up window appears, asking you to check the data medium or informing you that the file formats on the data medium cannot be

Confirm the message by pressing OK).

If the unit cannot read a CD, it is ejected after a few seconds. If the CD is not removed within 10 seconds, it is retracted again to prevent damage and must then be ejected manually.

In the selection menu for the internal CD changer, the message "No audio" indicates that the CD cannot be read. Remove the CD as described \Rightarrow page 31.

When the unit cannot read from an SD memory card, the card must be removed manually.



• Inserting a new CD while an inserted CD is being ejected can destroy the CD drive in the unit. Please note that the ejection process takes

- a few seconds. The protective barrier in front of the CD slot is open while this is happening.
- If you insert a number of CDs and receive an error message every time, there is a mechanical fault. In this case, you should contact a Volkswagen dealership.
- · You will be unable to insert any more CDs if the temperature inside the unit is too high. The unit will switch on in the last used mode.

i Note

- If the CD function button in the MEDIA main menu ⇒ page 29, fig. 22 is displayed as disabled, no audio CD is inserted or the inserted audio CD cannot be read.
- You might not be able to play CDs with copy protection or CD-Rs and CD-RWs.
- There can be significant quality differences between individual SD and MMC memory cards, due to the large number of different makes available. It is therefore not possible to guarantee that the unit will be able to read all memory cards.
- Audio DVDs cannot be played.

File formats

Only files with the correct file extension (".mp3" or ".wma") can be played.

WMA files (Windows Media Audio)

Audio files compressed by Windows Media Audio can be played provided they are not copyright protected by the DRM process (Digital Rights Management).

Audio file formats higher than "WMA 9", "WMA Voice" and "WMA Lossless" are not supported.

The operation and performance of playable WMA files is the same as for MP3-compressed audio files, and is not described separately here.

MP3 file requirements

- File names are restricted to 64 characters.
- Complex file structures on the data medium (a large number of folders and subfolders, nonplayable files etc.) may lead to delays in the reading of audio files.

- The folder structure on a data medium should not have more than five folder levels and should not contain more than a total of 500 files and/or folders.
- The name of the track, artist or album can be displayed while an MP3 file is playing provided this information is stored on the data medium as an ID3 tag. If there is no ID3 tag, only the file name, folder name or storage location will be shown.

MP3 playlist requirements

If a playlist cannot be played, check that the "relative paths" are correct, i.e. that the MP3 files on the data medium are actually stored at the locations referenced by the playlist. A playlist only determines a certain playing order. There are no MP3 files stored in a playlist.

 Playlists can only be played if they conform to the formats PLS, M3U, ASX or WPL.

- Playlists that comply with the standard ISO 8859-1 are also supported.
- · A playlist should not be larger than 20 KB and should not contain more than 250 links.
- A data medium should not contain more than 32 playlists.

Bit rate

- The player supports MP3 files with bit rates of between 32 and 320 Kbps and MP3 files with variable bit rates.
- The predicted overall track running time cannot be displayed for files with variable bit rate. Instead, "VBR" is displayed on the screen.

- Note
- When MP3 files are played, you may find that individual pieces of music are not played back correctly. This may be due to the configuration of the CD or the devices, programmes or data media used to record the files.
- Due to the larger quantity of data, it takes longer to read an MP3 CD than an audio CD. The time taken to read an MP3 CD may be considerably lengthened if it has too many files or folder levels.

The MEDIA main menu

From the MEDIA main menu you can start and control playback of various media sources.



Fig. 22 MEDIA main menu.

Opening the MEDIA main menu.

 Press the MEDIA function selection button to open the MEDIA main menu. Playback of the media source that was most recently played resumes from the point where it stopped.

Selecting another media source

 In the MEDIA main menu, press one of the function buttons at the top of the screen ⇒ fig. 22 to select a different media source \Rightarrow page 33.

You can select a certain track of the current media source or one of the other media sources using the (Selection) function button \Rightarrow page 33.

If a media source that was previously being played is selected again, playback is resumed from the point that was last played (exception: ⇒ page 39, "Connecting an external audio source with the AUX-IN socket").

If you cannot currently select a media source, for example because no data medium (e.g. memory card) is loaded, the function button is greyed out \Rightarrow fig. 22: (SD card).

Unit buttons (hard keys) for controlling the current media source

The arrow buttons on the unit \Rightarrow page 2, fig. 1 \triangleleft or D always refer to the media source you are currently listening to, whatever menu you are in at the time.

- ¬ press briefly to go to the beginning of the current track or chapter, press again to go to the beginning of the previous track or chapter. Press and hold for fast reverse.
- ⊳ press briefly to go to the beginning of the next track or chapter. Press and hold to fast forward.

In the MEDIA main menu you can also change tracks by turning the setting knob \Rightarrow page 2, fig. 1 (9).



Function buttons for controlling the current media source

- press briefly to go to the beginning of the current track or chapter, press again to go to the beginning of the previous track or chapter. Press and hold for fast reverse.
- press briefly to go to the beginning of the next track or chapter. Press and hold to fast forward.
- pause: playback is paused the symbol changes to ▶; press ▶ to resume playback from that point.

Selectable media sources in the MEDIA main

- (CD) changes to the most recently played CD in the internal CD changer ⇒ page 29.
- (SD card) changes to a loaded memory card ⇒ page 32.
- (AUX) switches to playback of an additionally connected external audio source¹²⁾ \Rightarrow page 39. If MEDIA-IN appears on the display, a MEDIA-IN¹³⁾ multi-media socket is installed \Rightarrow page 42.
- (BT audio) (additional button) switches to playback of audio files on a mobile telephone that is connected by means of the mobile telephone provision¹⁴⁾ via Bluetooth[®] \Rightarrow page 40.

Additional function buttons in the MEDIA main

 S_{can} – starts the scan function $S_{can} \Rightarrow page 37$. If Scan is already displayed, the scan function has been started. Briefly press the function button to end it.

Mix – starts random play Mix ⇒ page 37. If ► Mix is already displayed, random play has been started. Briefly press the function button to end

Repeat – opens a pop-up window in which the repeat function can be switched on. There you can also determine whether just the current (Track) should be repeated, or for audio CD mode the current (CD), for MP3 mode the current (Folder) or the current (Playlist)

Selection – opens the track list of the current media source for you to select a different track ⇒ page 35 or a different media source \Rightarrow page 33.



- Please also refer to ⇒ page 27, "Notes and requirements".
- If the (AUX) function button cannot be selected even though an external audio source is connected to the AUX-IN socket, please check whether the AUX input has been activated in the Media settings menu \Rightarrow page 68.

Inserting and ejecting CDs

The internal CD changer can play audio CDs and MP3 CDs. The overview menu of the internal CD changer allows you to control the allocation of the CD slots.

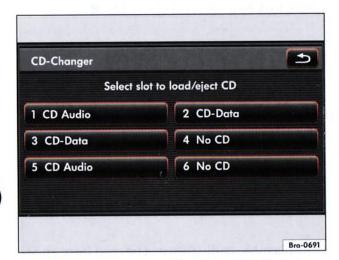


Fig. 23 Overview menu of the internal CD changer.

The overview menu of the internal CD changer is only for inserting or ejecting CDs. To play a CD you have already inserted into the internal CD changer, please see ⇒ page 33, "Selection menu of available media sources".

Opening the overview menu of the internal CD changer

 Press the CD insert and eject button $\triangle / \overline{\nabla} \Rightarrow$ page 2, fig. 1 \bigcirc , to open the overview menu of the internal CD changer ⇒ fig. 23. The internal CD changer's current slot allocation is shown in the CD overview menu. The CD overview menu is only for inserting and ejecting CDs from the CD changer. Once a CD is inserted, it can be played from the MEDIA main menu \Rightarrow page 33.

Inserting CDs

- When you press on the \Rightarrow fig. 23 (No CD) display for an empty CD slot in the overview menu, the slot is readied for insertion of a CD.
- Wait until "Please insert CD" is displayed.

 Push a 12 cm standard CD with the printed side facing up into the CD slot until it is automatically pulled in. Playback starts automatically (exception \Rightarrow page 28, "Data medium cannot be read").

Ejecting CDs

- In the overview menu, press the display for a loaded CD slot (Audio CD) or (CD data). The CD will be moved to the eject position for removal from the slot \Rightarrow \bigcirc .
- Remove the CD. If the CD is not removed within roughly ten seconds, it will be retracted into the player for safety reasons.

The CD slots of the internal CD changer do **not** have to be loaded in sequence.

Please note the playable file formats \Rightarrow page 28.

Displays in the CD overview menu:

(Audio CD) - standard CD with "normal" uncompressed audio data.

(CD data) - standard CD with MP3 or WMA files. It may take a few seconds for the unit to read CDs of this kind. When the CD has been fully read (Audio CD) is displayed.

No audio – the inserted CD cannot be read. See also ⇒ page 28, "Data medium cannot be read".

No CD - empty CD slot.



WARNING

Refer to the notes on using CD players \Rightarrow page 46.



• Inserting a new CD while an inserted CD is being ejected can destroy the CD drive in the unit. Please note that the ejection process takes a few seconds. The protective barrier in front of the CD slot is open while this is happening.

¹²⁾ Optional equipment! Only if an AUX-IN socket is installed.

¹³⁾ Optional equipment!

¹⁴⁾ Optional equipment! Only in vehicles with factory-fitted mobile telephone provision.



 CDs should always be stored in a rack from the Volkswagen accessories range or in the original case when not in use.



- · Refer to the important notes on requirements for data media, folders and playlists \Rightarrow page 27.
- Uneven road surfaces and strong vibrations may cause the playback to jump. The CD play function should be switched off in this case.
- · In cabriolet car models, for anti-theft reasons, the ignition key must be inserted in the ignition lock to insert and eject CDs.





тепи.





Selection menu of available media sources

Bra-0690

The contents of the available media sources can be displayed and opened in this



Inserting or removing a memory card

MP3 or WMA files stored on a memory card can be played directly from the memory card.

To re-select a memory card that has already been inserted, please read ⇒ page 33, "Selection menu of available media sources".

Inserting a memory card

 Insert a compatible memory card into the memory card slot with the cut-off corner first and on the right \Rightarrow page 2, fig. 1 (10) until it clicks into place. Playback starts automatically (exception ⇒ page 32, "Memory card empty or data unreadable").

Removing a memory card

 Push on the inserted memory card against the spring resistance and the card will "jump" to its eject position.

- Remove the memory card.

Only playable audio files can be read from an SD card. Other data will be ignored.

Please note the playable file formats \Rightarrow page 28.

Memory card empty or data unreadable

If you insert a memory card that does not contain any MP3 files or unprotected WMA files, the unit will not change to memory card mode. A pop-up window appears, informing you that the data on the card cannot be read. In the MEDIA main menu, the SD card function button in the top line of the screen remains disabled and the function cannot be selected \Rightarrow page 29, fig. 22.



Refer to the important notes on requirements for data media, folders and playlists \Rightarrow page 27.

Changing the media source

Fig. 24 MEDIA main menu: CD mode.

- Press the MEDIA function selection button to open the MEDIA main menu.
- Playback of the media source that was most recently played resumes from the point where it stopped.
- Press one of the function buttons at the top of the screen to select the required media source. Playback of the selected media source will resume from the point where it stopped.

Searching available media sources

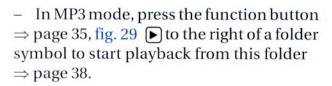
- In the MEDIA main menu, press the Selection function button to view the track list of the media source that is currently playing. The track that is currently playing is highlighted \Rightarrow page 35, fig. 28.
- Press the ☐ function button to open the previous menu.



- If you press on one of the symbols on the left of the screen for a folder¹⁵⁾, a playlist¹⁵⁾ or a media source (CD ...) or \square SD card \Rightarrow fig. 25), the associated selection menu opens.
- When you open the selection menu for a different CD in CD mode, this CD will start playing from the first track. If you change from a CD to an SD memory card in the selection menu, playback will begin from the most recently played track on the SD memory card. When you switch to another CD, it starts with the first track.
- Press another track in a selection menu to select it ⇒ page 35, "Changing track or selecting a specific track".
- By pressing the ☐ function button several times, you can switch back from any selection menu to the view of selectable media sources \Rightarrow fig. 25.

 $^{^{15)}}$ Folders or playlists are used for sorting MP3 files on a data medium \Rightarrow page 38, "Play order of MP3 files and folders".





A media source in which no data medium is inserted is shown as disabled (⇒ page 33, fig. 25 (SD card) and cannot be selected.

Displays in the selection menu:

The media source of the opened selection menu is displayed in the title line and, if applicable, the folder or the playlist:

"CD 1-6" - CD from the internal CD changer.

"CD 1-6: \folder name" - MP3 CD from the internal CD changer and the opened folder.

"CD 1-6: \name.m3u" - MP3 CD from the internal CD changer and the opened playlist.

"SD: \folder name" - memory card and opened

"SD: \name.m3u" - memory card and opened playlist.

The data medium, folder or track are displayed in the left column:

@ CD 1-6: Empty — empty CD slots.

@ CD 1-6: CD audio - audio CDs inserted into the internal CD changer.

@ CD 1-6: CD data - MP3 CDs inserted into the internal CD changer.

[SD card] - inserted SD memory card (Secure Digital Memory Card) or MMC memory card (Multimedia Card).

□ Name - folder on an MP3 CD.

🗊 Name.m3u) - playlist on an MP3 CD.

No. track ... - track of an audio CD.

[No. name] - track of an audio CD that supports CD $text \Rightarrow page 27$, "Audio CDs with CD text".

[No. name.mp3] - track of an MP3 CD.

The function button on the right starts playback from the selected data medium, from the selected folder or selected playlist.



An external audio source connected to the AUX-IN socket cannot be operated via the radio ⇒ page 39. **<**

Selecting CDs in the CD changer



Fig. 26 CD selection menu.

Insert CDs into the internal CD changer as $described \Rightarrow page 31.$



Fig. 27 MEDIA main menu: MP3 CD in CD slot 2 selected.

 Press the MEDIA function selection button to open the MEDIA main menu.

- Playback of the media source that was last played is continued in the MEDIA main menu.
- If the unit is not already in CD mode, press the \Rightarrow page 34, fig. 27 (CD) button in the top line of the screen.
- Press the (Selection) function button to view the track list of the CD that is currently playing ⇒ page 36, "Audio CD: selecting a specific track".
- Press the function button ☐ repeatedly until the CD selection menu opens \Rightarrow page 34, fig. 26.
- Press one of the function buttons @ CD 1: to @ CD 6: to start playing the CD in the selected slot.

If the CD that is **currently playing** is selected in the CD selection menu, its list of tracks is opened \Rightarrow fig. 28.

A CD slot with no CD in it is indicated by "Empty" and the function button is displayed as disabled \Rightarrow page 34, fig. 26.

The CD currently playing is displayed in the MEDIA main menu in the top left corner of the screen \Rightarrow page 34, fig. 27.

Mix - random playback

The audio tracks on a CD will be played in random order ⇒ page 37, "Random play".

Scan - scan function

All the audio tracks on a CD are scanned for ten seconds each \Rightarrow page 37, "Scan function".



i Note

CDs that cannot be read by the CD changer cannot be selected in the CD selection menu (display: "Empty" \Rightarrow page 34, fig. 26).

Changing track or selecting a specific track

The arrow buttons on the unit \triangleleft or \triangleright always refer to the audio source you are currently listening to, whatever menu you are in at the time.



Fig. 28 Track list of a playing audio CD.

Press the MEDIA function selection button to open the MEDIA main menu.



Fig. 29 Track list of a playing audio MP3 CD.

Playing the previous or next track

 Briefly press the arrow buttons on the unit \triangleleft or \triangleright or in the *MEDIA* main menu, press the function buttons \Rightarrow page 34, fig. 27 (★) or (▶) on the screen.

Rewind, fast forward

- Press and hold the arrow buttons dor
 p on the unit, or in the *MEDIA* main menu, the on-screen function buttons
 ⇒ page 33, fig. 24 (◄) or (►).
- Release the button when the desired track has been found.

Audio CD: selecting a specific track

- Press the \Rightarrow page 33, fig. 24 Selection function button to view the track list of the audio CD that is currently playing. The track that is currently playing is highlighted \Rightarrow page 35, fig. 28.
- Select a different track from the list by pressing (Track ...).
- Press the ☐ function button to switch from the track list to the CD selection menu. Carry on pressing the ☐ function button to switch back via the CD selection menu ⇒ page 35, fig. 28 to the view of all selectable media sources ⇒ page 33, fig. 25.
- The function button stakes you directly to the MEDIA main menu ⇒ page 34, fig. 27.

MP3 files: selecting a track

- Press the \Rightarrow page 33, fig. 24 Selection function button to view the track list that contains the track currently playing and any subfolders. The track that is currently playing is highlighted \Rightarrow page 35, fig. 29.
- Press another track to select it. If the track you require is in a different folder or a playlist, you will need to first search in the folder structure.
- Press the display for a folder to open it (in the illustration ⇒ page 35, fig. 29:
 □ F1.1.1).

- Press the function button to open the next higher folder. All parent folders are displayed on the title bar (in the illustration "F1.1" and "F1").
- By pressing ☐ repeatedly, you can switch folder by folder until you reach the selection menu of the available media sources ⇒ page 33, fig. 25.
- The function button salways takes you directly to the MEDIA main menu
 ⇒ page 33, fig. 24.

Repeat function

- Open the MEDIA main menu
 ⇒ page 29.
- Press the (Repeat) function button.
- In the pop-up window that appears, press Track to automatically repeat the current track at the end.
- In audio CD mode, press CD in the popup window that appears to automatically repeat the tracks of the current CD when it reaches the end. In MP3 mode, press Folder or Playlist to automatically repeat the tracks of the current folder or current playlist when it reaches the end.
- The function button shows that the repeat function is switched on (e.g.
 ▶ Repeat tracks). Press the function button to switch off the repeat function.

While the repeat function is active in MP3 mode, depending on the settings, either only the audio files in the selected folder (e.g. F1.1 in \Rightarrow page 35, fig. 29) will be repeated or all audio files in the selected folder and its subfolders \Rightarrow page 68, "Media settings".

The media source \Rightarrow page 35, fig. 28 or folder \Rightarrow page 35, fig. 29 currently being displayed is shown in the top line of the track list.

In the *MEDIA* main menu you can also change tracks by turning the setting knob \Rightarrow page 2, fig. 1 ②.

The name of the artist, the album and the track can be displayed while MP3 files are playing pro-

vided this information is available as an ID3 tag. If there is no ID3 tag, only the file name will be shown \Rightarrow page 28, "MP3 file requirements".

Some audio CDs support "CD text". With these CDs the track name is shown instead of "Track" ⇒ page 27.



The displaying of the track, artist and album names can be deactivated in "Media settings" ⇒ page 68. ◀

Random play MIX

The tracks of the selected media source will be played in random order.



Fig. 30 MEDIA main menu in MP3 mode: random play activated.

In the MEDIA main menu, press the Mix function button.

- The function button changes to ► Mix and random play starts with the next track.
 All the tracks on the current media source now play in random order.
- Press the function button
 ⇒ fig. 30 ► Mix to switch off the function at the current track. Normal playback now resumes with this track.

If you change the type of media source, random play remains switched on for the media source in which it was activated until it is switched off. If a specific track is selected with the Selection function button, random play is switched off.

While random play is active in MP3 mode, depending on the settings, either only the audio files in the selected folder will be played in random order (e.g. **F1.1** ⇒ page 35, fig. 29) or all the audio files in the selected folder and its subfolders ⇒ page 68, "Media settings". ◀

Scan function

All the tracks on the selected media source are scanned for ten seconds each.

- In the MEDIA main menu, press the Scan function button.
- This switches to ► Scan and all tracks on the current media source are scanned for 10 seconds each. The scan function starts with the next track.
- Press ► Scan to stop the scan function at the current track. Normal playback now resumes with this track.

In the MEDIA main menu, you can start and stop the scan function by briefly pressing the setting knob \Rightarrow page 2, fig. 1 \bigcirc .

While the scan function is active in MP3 mode, depending on the settings, either only the audio files in the selected folder (e.g. F1.1 ⇒ page 35, fig. 29) will be scanned or all audio files in the selected folder and its subfolders ⇒ page 68, "Media settings".



Once all tracks have been scanned according to your selection and settings, the scan function is switched off. Normal playback now resumes at the track that was last played.

Play order of MP3 files and folders

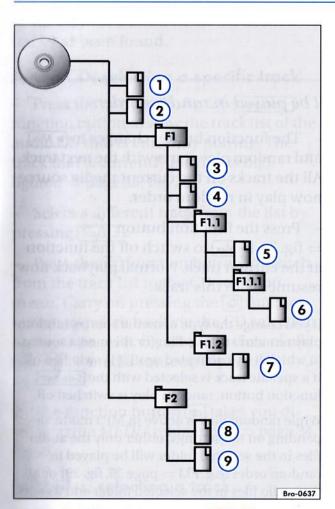


Fig. 31 Possible structure on an MP3 CD.

The unit plays the MP3 files stored on a data medium in a certain order. The illustration shows a typical MP3 CD that contains tracks (Tracks \square), folders and subfolders (Folder \(\bar{} \)).

- Play starts with the first track in the "root directory" on the CD. In the example there are two tracks (1) and (2) in the root folder.
- Once the tracks in the root directory have been played, the unit will access the folders in the order in which they are arranged on the data medium. In the example there are two main

folders in the root folder: F1 and F2. The folder F1 is in the first position in the root folder, so tracks (3) and (4) are played immediately after the tracks in the root folder.

- Once the tracks in the first folder have been played, the unit will access subfolders in that folder in the order in which they are arranged on the data medium. In the example the main folder F1 contains two sub-folders F1.1 and F1.2 and another sub-folder F1.1.1 within F1.1. The player first plays all the tracks (5) in subfolder F1.1 ⇒ page 35, fig. 29, then changes to subfolder F1.1.1 and plays the tracks in that subfolder (6). Once all the tracks in sub-folder F1.1.1 have been played, the unit changes to sub-folder F1.2 and plays the tracks stored there (7). If there are more subfolders within F1.2, the unit changes to those folders as described above, and plays the tracks stored in them.
- Once all the tracks in the first main folder (and its subfolders) in the root folder have been played, the tracks in the next main folder are played in the order described. In the example, these are tracks (8) and (9) in folder F2.
- Use the (Selection) function button to open the track list from the MEDIA main menu. In the track list \Rightarrow page 35, fig. 29 the track that is currently playing is highlighted. The name of the current main folder appears on the title bar together with the current subfolder, if applicable. If the track is in the root directory on the data medium, only the type of medium is displayed.

i Note

- The unit also supports playlists 🖸 and in the playing order treats them like folders.
- Refer to the important notes on requirements for data media, folders and playlists ⇒ page 27. **<**

External audio sources

Safety precautions when using external audio sources

↑ WARNING

Loose items inside the vehicle may obstruct the driver and cause serious injuries in a sudden braking manoeuvre or an accident.

- The external audio source must never be left on the dash panel. A sudden driving manoeuvre could cause the device to be flung through the vehicle interior and injure occupants.
- The external audio source must never be placed close to an airbag ⇒ Booklet 2.1 "Safety First", Section "Airbag system". If an airbag is triggered, the device could be flung through the vehicle interior and injure occupants.
- Occupants must not have the external audio source in their hands or placed on their legs while the vehicle is in motion. A sudden driving manoeuvre could cause the device to be flung through the vehicle interior and injure occupants.

↑ WARNING (continued)

• The wires connecting the external audio source must be arranged so they do not obstruct you when driving.

WARNING

The risk of injury during a sudden braking manoeuvre or in an accident is increased if the glove compartment cover or armrest is open.

 Always keep the glove compartment cover or armrest closed while the vehicle is in motion to reduce the risk of injury during a sudden braking manoeuvre or in the event of an accident.

i Note

If the external audio source is connected to the vehicle's 12-volt socket via an adapter, this may cause noise interference in the sound, depending on the type of adapter used.

Applies to vehicles: with AUX IN socket

Connecting an external audio source with the AUX-IN socket

The AUX-IN socket is located, depending on the model, in the glove compartment, the centre console or the armrest between the two front seats $\Rightarrow \bigwedge$ in "Safety precautions when using external audio sources".

- Activate the AUX-IN socket in the *Media settings* menu \Rightarrow page 68.
- Connect up the external audio source to the AUX-IN socket using a cable with a 3.5 mm jack plug $\Rightarrow \triangle$ in "Safety precautions when using external audio sources".
- To turn down the radio unit volume, turn the volume control \Rightarrow page 2, fig. 1 (1) anti-clockwise.

- Start playback on the external audio
- In the MEDIA main menu, press the AUX function button to listen to the external audio source via the vehicle speakers.
- Select the desired volume with the volume control \Rightarrow page 2, fig. 1 (1). See also ⇒ page 40, "Adjusting the volume of the external audio source".

If the MEDIA IN function button is displayed in place of the (AUX) function button in the MEDIA main menu, a MEDIA-IN¹⁶⁾ multi-media socket is also connected to the unit. In this case, see

¹⁶⁾ Optional equipment!







also ⇒ page 42, "MEDIA-IN multi-media socket and AUX-IN socket".

When an external audio source is connected to the AUX-IN socket, the radio and the vehicle speakers will only play its sound output. The external audio source cannot be controlled via the radio unit.

Please refer to the respective manufacturer's manual for instructions on the operation of the external audio source.

You can select another audio source on the radio unit at any time. The audio source will continue to play until it is switched off.

Please note that the unit does not automatically switch back to the previously played audio source, when the external audio source stops. The radio unit remains in the AUX menu. Another audio source must be selected manually.

You require a 3.5 mm jack plug for the AUX-IN socket. If the external audio source does not have this plug, an adapter must be used.

Adjusting the volume of the external audio

You can adjust the volume of the external audio source using the volume control \Rightarrow page 2, fig. 1 (1) on the radio.

Depending on the external audio source, the output volume can be adjusted on the external audio source itself.

You can also alter the input sensitivity of the AUX-IN socket to adjust the playing volume of an external audio source to that of the other audio sources or to prevent distortion ⇒ page 68. **<**

Applies to vehicles: UHV mobile telephone provision, not for vehicles with PREMIUM mobile telephone provision

Playing audio files from a mobile telephone connected via Bluetooth[®]

If the vehicle also has a factory-fitted provision for a mobile telephone, the radio unit can be used to listen to audio files played on a mobile telephone that is connected via Bluetooth[®].



Fig. 32 MEDIA main menu in Bluetooth audio mode.

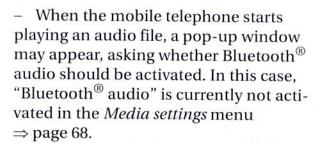
The Bluetooth® audio function is only available if the vehicle is equipped with a "basic" factory-fitted "VW-UHV" mobile telephone provision that supports this

function. For instructions on the operation of this mobile telephone provision, please see the booklet in your vehicle wallet ⇒ Booklet 3.1 "Controls and Equipment", Section "Mobile telephone provision".

Starting audio file transmission via Bluetooth®

- Follow your vehicle's instruction manual to pair your mobile phone with the Bluetooth ® interface of the mobile telephone provision.
- Start playback of the audio files stored on your mobile telephone, following the telephone's instruction manual $\Rightarrow \bigwedge$ in "Safety precautions when using external audio sources" on page 39.

Automatically activating the Bluetooth® audio setting



- If you accept, the unit switches to Bluetooth audio mode and audio files played on the mobile telephone will be output to the vehicle speakers \Rightarrow page 40, fig. 32.
- The Bluetooth[®] audio function will then be active in the Media settings menu. In the MEDIA main menu, (BT AUDIO) will appear as an additional function button at the top right of the screen.

Switching manually to Bluetooth® audio

- If "Bluetooth® audio" is already activated in the Media settings menu \Rightarrow page 68, you need to switch over to the Bluetooth® audio source manually when it starts playing.
- Press the MEDIA function selection button to open the MEDIA main menu.

- When you press the additional (BT AUDIO) function button at the top right of the screen, Bluetooth audio is started and the audio files played on the mobile telephone will be output to the vehicle speakers \Rightarrow page 40, fig. 32.

The Bluetooth audio function can only be used with mobile telephones that support the A2DP Bluetooth protocol.

Audio files on an external audio source connected by Bluetooth® are transmitted to the radio via the UHV mobile telephone provision and output to the vehicle speakers. The external audio source cannot be controlled via the radio unit.

Please refer to the mobile telephone manufacturer's manual for instructions on the operation of the external audio source connected by Bluetooth®.

You can select another audio source on the radio unit at any time. The audio source will continue to play until it is switched off.

Please note that the unit does not automatically switch back to the previously played audio source, when the external audio source stops. The radio unit remains in Bluetooth audio mode \Rightarrow page 40, fig. 32. Another audio source must be selected manually.



It is not possible to use Bluetooth audio with the "PREMIUM mobile telephone provision" described in this booklet.



MEDIA-IN multi-media socket

Applies to vehicles: with MEDIA-IN and AUX-IN sockets

Functional description

Using the MEDIA-IN multi-media socket, you can play audio files from an "external data medium" and control playback via the radio unit.

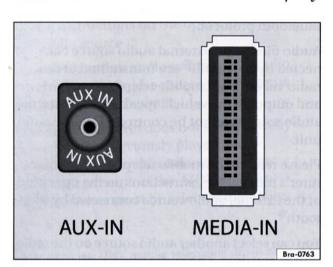


Fig. 33 MEDIA-IN and AUX-IN sockets.

"External data media" 17) may be USB memory devices and MP3 players that contain audio files and can be connected to the multi-media socket

Depending on the vehicle, the MEDIA-IN multimedia socket is located in the glove compartment or in the central armrest between the two front seats $\Rightarrow \triangle$. In the glove compartment the location of the multi-media socket is also labelled with a musical notes symbol ...

MEDIA-IN multi-media socket and AUX-IN socket

The MEDIA-IN multi-media socket is often installed in combination with an AUX-IN socket.

The AUX-IN socket is located in the glove compartment or in the central armrest or centre console between the front seats ⇒ page 39, "Connecting an external audio source with the AUX-IN socket".

Please note that an external audio source connected to the AUX-IN socket can only be played via the radio unit when no external data medium is connected to the MEDIA-IN multi-media socket.

The AUX-IN socket must also be activated in the Media settings menu (function button: \square Activate AUX input \Rightarrow page 68).

When an external audio source is connected to the AUX-IN socket, the radio and the vehicle speakers will only play its sound output (display: "AUX"). The external audio source cannot be controlled via the radio unit.

Adapter for connecting an external data me-

To connect up an external data medium, you will need an adapter that plugs into the MEDIA-IN socket $\Rightarrow \Lambda$.

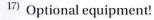
The adapter for connecting a USB data medium is supplied with the vehicle. It allows you to connect up a USB storage medium or an MP3 player with an integrated USB interface.

Only audio files that can be read via the MEDIA-IN socket will be displayed and played.

A special adapter is required to connect up a data medium with a mini-USB connector or to connect up an iPod¹⁸⁾. We recommend that you consult a Volkswagen dealership for the items you require.

iPod

When an iPod is connected, you can also alter the input sensitivity of the multi-media socket in the Media settings menu using the AUX input level function button \Rightarrow page 68.



¹⁸⁾ iPod is a registered trademark of Apple Inc.

External data media requirements (MDI: Media Device Interface)

- The unit only supports external data media and USB mass storage devices than comply with the USB 2.0 specifications.
- External data media must use a FAT file system, either FAT16 (< 2 GB) or FAT32 (> 2 GB) (FAT: File Allocation Table).
- Data media that use the MTP standard have the trademark "PlaysForSure" or "Certified for Windows Vista" and may in some cases not work with the MEDIA-IN multi-media socket.
- You may experience delays in the selecting of tracks when using large hard drives with a large number of audio files.
- Complex file structures on the external data medium (a large number of folders and subfolders, non-playable files etc.) may lead to delays in the reading of audio files.
- The folder structure on the external data medium should not have more than eight folder levels. A folder should not contain more than 1000 items.
- USB extension cables and USB hubs may not be used to connect up an external data medium.
- If a data medium is divided into several partitions, only the first partition with playable audio files found will be used.
- The unit does not support memory card adapters and these may lead to malfunctions.
- Malfunctions may occur if the software on an external MP3 player has been updated with a manufacturer's firmware upgrade.
- It may be necessary to switch on the external data medium or select the appropriate data mode.
- Please refer to the respective manufacturer's manual for instructions on the operation of the external data medium.

Supported file formats

- The radio unit can play and control audio files of the formats MP3, WMA, OGG Vorbis and AAC from an external data medium
- The operation and performance of the playable file formats on the unit is the same as for MP3 compressed audio files, and is therefore not described separately here.
- WMA audio files (Windows Media Audio) can only be played on the unit if they are not copy-

right protected by the DRM process (Digital Rights Management).

 The unit can also play playlists stored on the external data medium. Please refer to => page 28, "MP3 playlist requirements".

WARNING

The risk of injury during a sudden braking manoeuvre or in an accident is increased if the glove compartment cover or armrest is open.

 Always keep the glove compartment cover or armrest closed while the vehicle is in motion to reduce the risk of injury during a sudden braking manoeuvre or in the event of an accident.

WARNING

Loose items inside the vehicle may obstruct the driver and cause serious injuries in a sudden braking manoeuvre or an accident.

- The external data medium must never be left on the dash panel. A sudden driving manoeuvre could cause the device to be flung through the vehicle interior and injure occupants.
- The external data medium must never be placed close to an airbag ⇒ Booklet 2.1 "Safety First", Section "Airbag system". If an airbag is triggered, the device could be flung through the vehicle interior and injure occupants.
- Occupants must not have the external data medium in their hands or placed on their legs while the vehicle is in motion. A sudden driving manoeuvre could cause the device to be flung through the vehicle interior and injure occupants.
- · The wires connecting the external data medium must be arranged so they do not obstruct you when driving.



i Note

Vehicles that have the MEDIA-IN multi-media socket located on the central armrest or in the glove compartment are equipped with an additional stowage compartment. This stowage compartment's rubber lining can be removed to easily retrieve small items that have fallen into it







Applies to vehicles: with MEDIA-IN and AUX-IN sockets

Operation

An external data medium correctly connected via the MEDIA-IN multi-media socket can be operated from the radio unit.



Fig. 34 MEDIA-IN selected.

Connecting an external data medium to the MEDIA-IN multi-media socket

- Plug the appropriate adapter into the multi-media socket ⇒ page 42.
- Connect the external data medium to the multi-media socket with the adapter.
- If required, switch on the external data medium.

Operation via the radio unit

- Press the MEDIA function selection button to open the MEDIA main menu. Playback of the media source that was most recently played resumes from the point where it stopped.
- Press the MEDIA IN function button to start or resume playing from the external data medium \Rightarrow fig. 34.
- Further operation of the external media source (changing track, selecting tracks and special functions such as scan and random play) is described in the appropriate chapters of this manual ⇒ page 29.

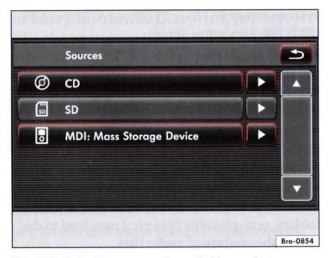


Fig. 35 Selection menu of available media sources including external media source (MDI).

The connected external data medium appears as an additional drive in the selection menu of available media sources. You can also select it or search it from this menu \Rightarrow fig. 35.

The radio unit does not automatically switch to playing of an external data medium when a data medium is connected to the multi-media socket or when the connected data medium is switched

If the selected media source is disconnected from the multi-media socket while being played, the radio will remain at the MEDIA-IN menu and a message will be displayed. Select a different audio source.

iPod control

When an iPod is connected to the multi-media socket, the name of the connected iPod appears in the selection menu of available media sources next to the symbol for the external media source.

If you press this function button, the display shows the highest folder level for music selection on the connected iPod. Select the audio files or playlists to be played in the normal way. Other aspects of operation are the same as for a media source inserted into the radio unit. An iPod's music controls are disabled while it is connected to the multi-media socket.



If the external data medium is connected to the vehicle's 12-volt socket via an adapter, this may

cause interference in the sound, depending on the type of adapter used.









Important information on operating the CD player

Safety precautions for devices fitted with lasers

Laser devices are classified in safety classes 1 - 4 in accordance with DIN IEC 76 (CO) 6/ VDE 0837.

Volkswagen CD players conform to safety class 1.

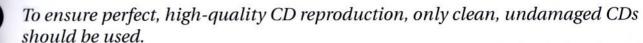
The lasers used in class 1 devices are low energy lasers, or are shielded in such a way that they present no danger when used correctly.



MARNING

- The CD player is a class 1 laser product. If it is opened, or is faulty or damaged, there is a risk of injury from the invisible laser radiation escaping from the unit.
- The CD player contains no parts which you can service or repair by yourself. You should, therefore, contact a qualified workshop if there is a mechanical defect or if the CD player has to be repaired.

Tips on CD mode and handling CDs



Cleaning CDs

Hold the data medium by its edge. Avoid leaving fingerprints on data media.

Use a soft, lint-free cloth to clean CDs. Wipe the disc in a straight line from the centre outwards. Stubborn soiling can be removed with a commercial CD cleaner or isopropyl alcohol.



WARNING

The different volume settings should be selected so that signals from outside the vehicle, e.g. a police or fire brigade siren, can be heard at all times.



(!) Caution

- Never use fluids such as petrol, paint thinner or record cleaner, as these can damage the surface of the CD!
- Use standard 12 cm CDs only. "Special shape CDs" and 8 cm single CDs may not be played as they could damage the CD player.
- DVD plus, dual discs and flip discs are thicker than standard CDs and must not be inserted into the unit.
- · Push the CD into CD slot until it is pulled in automatically.

- The CD should be moved in line with the CD slot, i.e. at right angles to the front of the unit, when inserted and removed. If the CD is pushed or pulled at an angle to the slot, it may be scratched and made unusable.
- Only write on data media using suitable pens/markers. Unsuitable writing products will damage the material.
- Do not affix stickers or similar items to the data medium, as stickers can work loose and damage the drive.
- Do not place the CDs near heat sources or in the direct sunlight.
- CDs should always be stored in a rack from the Volkswagen accessories range or in the original case when not in use.
- Please be careful when removing CDs that they do not fall and thus scratch the surface.



- You might not be able to play CDs with copy protection or CD-Rs and CD-RWs that you have burned yourself.
- Not every CD player can play MP3 CDs. Please refer to the notes in the corresponding chapter.
- Please observe the copyright laws applicable in your country.





Sound settings main menu []

Adjusting the sound, sound focus and volume

You can adjust the sound character and the volume to suit your individual needs.



Fig. 36 Main menu: Sound settings.

In the Sound settings \Rightarrow fig. 36 main menu, functions can be switched off or on or are steplessly adjustable ⇒ page 5, "General operation". An overview of setting options and the menu structure of the Sound settings main menu can be found at the end of this chapter.

Calling up the Sound settings main menu

 Press the function selection button to open the menu for changing sound and volume settings \Rightarrow fig. 36.

Changing the sound character or sound focus

 Press ⇒ fig. 36 Treble - Mid - Bass to open the settings menu for changing the "sound character".



Fig. 37 Menu: Volume settings.

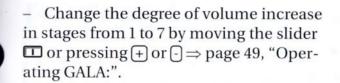
- Press ⇒ fig. 36 (Balance Fader) to open the settings menu for changing the sound distribution from left to right (balance) and from front to rear¹⁹⁾ (fader).
- In the respective settings menu, move the slider or press + or - to change a setting \Rightarrow page 5, fig. 3.

Changing volume settings

- Press \Rightarrow fig. 36 (Volume). The Volume set*tings* menu is opened \Rightarrow fig. 37.
- Press the function button Switch-on volume Or Traffic announcements to open the corresponding settings menu.
- Move the slider □ or press (+) or (-) to change the displayed volume.

GALA - speed-dependent volume control

- Press \Rightarrow fig. 36 [GALA]. The GALA settings menu is opened \Rightarrow page 5, fig. 3.



 Move the slider
 all the way to the left to switch off GALA.

Accepting settings

- Press the **≤** function button on the screen to switch to the previous menu. Press a function selection button (e.g. [RADIO]) to go to that menu. In both cases, the changes made in a settings menu will be applied.

To give you an idea of the changes you are making when adjusting the volume settings, the current audio source is played at the adjusted settings while you make an adjustment.

Changes to the tone, volume and volume distribution always apply to all media sources.

Confirmation tone for screen operation

You can switch a confirmation tone for operating the touchscreen on or off. Press the Confirmation tone function button, followed by ▶ On or ▶ Off in the pop-up window.

Volume reduction for parking distance warning system (PDW)

The parking distance warning system (PDW²⁰⁾) is activated when reverse gear is engaged.

The parking distance warning system's audible signal cannot be adjusted. For this reason, the volume of the current audio source must be set so that the parking distance warning system signals are still well audible.

In some vehicles, the volume of the current audio source is automatically lowered to a preset level when the parking distance warning system is activated.

You can set this value to one of three different levels in the settings menu for the parking distance warning system. In the Volume settings menu, press the PDW function button to open the settings menu and change the value set there by moving the slider.

For more information on operation of the parking distance warning system, please read the respective chapter in the vehicle wallet.

Operating GALA:

The noise level in the vehicle increases with vehicle speed. GALA automatically adjusts the volume in line with the speed of the vehicle.

If a low GALA value is set, the volume rises only slightly when the speed of the vehicle increases.

If a high GALA value is set, the volume rises significantly when the speed of the vehicle increases.

In this way, GALA can be adjusted at any time (e.g.: windows open or closed or roof carrier attached) to suit current situation in the vehicle.

The basic volume is still changed with the volume control \Rightarrow page 2, fig. 1 (1). GALA will continue to work automatically.

¹⁹⁾ Only in vehicles with speakers in the rear

²⁰⁾ Optional equipment! Only in vehicles with adjustable volume reduction when the parking distance warning system (PDW) is active.

Function overview table

		Main menu: Soun	d settings
Function buttons	1. Sub-menu	2. Sub-menu	3. Sub-menu
Treble - Mid - Bass	Settings menu f – Treble – Mid – Bass	For Sound settings:	
Balance - Fader ^{a)}	Settings menu f - right/left (<i>Bal</i> - front/rear (<i>Fa</i>		e distribution:
Volume	Switch-on volume	Settings menu fo	r the maximum switch-on volume
	Traffic an- nouncements	Settings menu for the volume of traffic announcements	
	PDW reduc- tion ^{b)}	Settings menu fo tance warning sy	r volume reduction while the parking dis- stem is active.
GALA	Settings menu d ⇒ page 49	or increase level o	the Speed-dependent volume control
Confirmation tone	Pop-up window - On - Off	v: confirmation tor	e when pressing a button

a) Only in vehicles with speakers in the rear

PHONE function selection button

Applies to vehicles: with PREMIUM mobile telephone provision

Requirements and operation

A few basic telephone functions can only be called up using the radio system when the PREMIUM mobile telephone provision has been installed in the vehicle and a mobile telephone is paired with it.

- Follow the instruction manual of the PREMIUM mobile telephone provision to pair your mobile phone.

The PREMIUM mobile telephone provision combined with a compatible mobile telephone²¹⁾ is a fully-fledged GSM car telephone system. The mobile telephone must be compatible with the Bluetooth (B22) Remote SIM Access Profile (rSAP). The PREMIUM mobile telephone provision does not use its own SIM card, but "borrows" the SIM data from the mobile telephone using a Bluetooth® connection. The mobile telephone logs itself out of the GSM network and logs into the PREMIUM mobile telephone provision using the data from the "borrowed" SIM card. The telephone is then controlled exclusively via the controls in the vehicle. The mobile telephone switches into pause mode.

Pairing process and user profile

Before the PREMIUM mobile telephone provision can be used, a one-time pairing process

with the mobile telephone must be carried out to "connect" the units to each other. A user profile is created in the PREMIUM mobile telephone provision which is clearly linked to the mobile telephone and the SIM card.

Once the pairing process has been carried out, the mobile telephone provision PREMIUM will, when the ignition is switched on, connect automatically with the known mobile telephone via the Bluetooth® connection.

If a mobile phone is not paired, telephone functions cannot be called up using the radio system.



Observe the instructions in the following chapter \Rightarrow page 51, "Safety information".



To operate the PREMIUM mobile telephone provision, follow the instruction manual for your vehicle.

Applies to vehicles: with PREMIUM mobile telephone provision

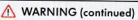
Safety information

When using the PREMIUM mobile telephone provision, please note the following points for your own safety and the safety of others:



⚠ WARNING

Your attention must always be concentrated on road traffic as an absolute priority! The tel-



ephone should only be used if the road traffic situation allows. Accidents and injuries can occur if the driver is distracted.

 Please only use the telephone when the road, weather and traffic conditions are such that it is safe to do so.

b) Optional equipment ⇒ page 49, "Volume reduction for parking distance warning system (PDW)"

²¹⁾ Optional equipment.

²²⁾ Bluetooth[®] is a registered trademark of Bluetooth SIG, Inc.



↑ WARNING (continued)

- The different volume settings should be selected so that warning signals from outside the vehicle, e.g. a police or fire brigade siren, can be heard at all times.
- It will not be possible to make a telephone call in areas with no signal or with only a very weak mobile telephone network and in some cases, in tunnels, garages and subways. This also means that no emergency calls can be made.

- When making telephone calls during your journey please note - road traffic demands the full attention of all drivers. You should use the PREMIUM mobile telephone provision while the vehicle is in motion only if the traffic situation allows you to do so safely. Remember: traffic safety always has priority - Risk of acci-
- Always maintain a minimum distance of 20 cm to the vehicle aerial. This applies in particular to passengers with a pacemaker, thus avoiding potential interference with the pacemaker. If you notice that there are problems, switch the PREMIUM mobile telephone provision off immediately - Risk of fatal injury!
- When refuelling, always switch the mobile phone and the PREMIUM mobile telephone provision completely off according to the instruction manual applicable for your vehicle. Electro-magnetic waves could generate sparks which could in turn cause a fire or explosion.
- Switch off the PREMIUM mobile telephone provision at locations where there is a risk of explosion and proceed according to the appropriate notices and regulations. You should also switch the mobile telephone off if necessary - Risk of explosion! There are many locations where there is a risk of explosion, but

★ WARNING (continued)

they are not always clearly indicated. These include, for example:

- the vicinity of chemical pipelines and tanks.
- below deck on a ship,
- the area around vehicles that run on liquid gas (e.g. propane or butane)
- places where the air is laden with chemicals or particles such as flour, dust and metal powder,
- any other location where you are normally recommended to switch off the vehicle engine.

(!) Caution

Do not forget to follow special regulations for a particular area and always switch the PREMIUM mobile telephone provision off if the use of mobile telephones is forbidden as interference or dangerous situations could be caused through the use of the telephone.

i Note

- In some mobile telephone networks, an emergency call can be made without the mobile telephone being connected using the PREMIUM mobile telephone provision when the ignition is switched on and the network is strong enough. In the Telephone menu, select the menu option "SOS".
- If you wish to connect the PREMIUM mobile telephone provision with another device using Bluetooth® wireless technology, please read the operating manual for detailed safety information. Use Bluetooth® compatible products only.
- Most electronic devices are shielded against high-frequency signals. In rare cases, however, electronic devices may not be shielded against the high-frequency signals emitted by the PRE-MIUM mobile telephone provision. This could cause interference.
- Find out whether special regulations apply for the use of a headset in your country.

Applies to vehicles: with PREMIUM mobile telephone provision

PHONE main menu

A few basic telephone functions can be called up using the radio unit. For further operation of the PREMIUM mobile telephone provision, please read the instruction manual for your vehicle.

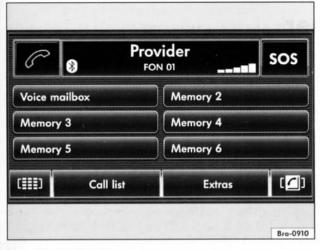


Fig. 38 PHONE main menu.

Follow the instruction manual of the PRE-MIUM mobile telephone provision to pair your mobile phone.

- Press the PHONE function selection button to open the PHONE main menu.

The telephone book data of the paired mobile phone will be available on the radio unit a few minutes after the pairing process is complete.

Displays in the PHONE main menu

In the upper line in the centre of the screen ⇒ fig. 38, the name of the mobile telephone network provider where the SIM card of the paired mobile telephone is registered is displayed. The name of the paired mobile phone is displayed in the second line (in the illustration: "FON 01").

During a call, the telephone number or the name of the person you are talking to is displayed in the upper line if they are stored in the telephone book, as well as the call duration \Rightarrow fig. 39.

The symbol ® shows an existing Bluetooth® connection.

The bars at the top right \Rightarrow fig. 38 or bottom right ⇒ fig. 39 indicate the current field strength



Fig. 39 PHONE main menu: connection established.

(signal strength of the currently received mobile phone transmitter station).

Function buttons in the PHONE main menu

- accept, dial, or hold calls. In the PHONE main menu, the call list of the dialled call numbers is displayed after pressing it ⇒ page 58, "Call lists".
- end call or reject call.
- [SOS] establishes a connection to an emergency number after confirmation. This function is also available without a paired mobile phone. The requirement is that a connection can be established using a mobile phone provider.

(Voice mailbox) and (Memory 2) to (Memory 6) - speed dial buttons; these can be assigned a telephone number \Rightarrow page 59.

opens the number pad to enter a telephone number \Rightarrow page 54.

[Call] – opens a pop-up window to select a call list. Only lists of calls missed, dialled, or answered on the PREMIUM mobile telephone provision can be displayed \Rightarrow page 58, "Call lists".

Extras - opens a pop-up window with the following options:





- Switch off mike switches the microphone off during a telephone call, so that the person on the line cannot hear what is being said in the vehicle.
- Conference details opens a list of the parties in a conference call ⇒ page 63.
- – opens the telephone book of the paired mobile telephone to select a telephone number ⇒ page 55. ◀

Applies to vehicles: with PREMIUM mobile telephone provision

Entering a telephone number



Fig. 40 Entering a telephone number.

Follow the instruction manual of the PRE-MIUM mobile telephone provision to pair your mobile phone.

Entering and dialling a number

- In the *PHONE* main menu, press the \Rightarrow page 53, fig. 38 implements function button to open the number pad to enter a telephone number \Rightarrow fig. 40.

- Press the number button to enter the number in the input line.
- This is how you enter telephone numbers in the input line.
- Delete the characters in the input line moving from right to left, by pressing the square function button.
- Press the function button when you have finished entering the telephone number in the input line. The entered telephone number will be dialled ⇒ page 61.

To enter a country code, instead of the first two numbers (for example "**00**") you can select the character "+". To do so, press and hold the ①+ function button for at least two seconds. After you release the button, the character "+" will appear in place of the "0" in the input line.

Selecting stored telephone numbers

Applies to vehicles: with PREMIUM mobile telephone provision

User profile

Follow the instruction manual of the PRE-MIUM mobile telephone provision to pair your mobile phone. The stored user profile is loaded.

Telephone book data ⇒ page 55, call lists ⇒ page 58, and stored speed dial buttons ⇒ page 59 are assigned a user profile and stored in the PREMIUM mobile telephone provision. They are available when the SIM card is paired again with the PREMIUM mobile telephone provision.

If telephone book entries of the SIM card or the mobile phone have been changed in the mean time, you can start a manual update of the telephone book data ⇒ page 70, "Telephone settings".

A maximum of three user profiles can be stored in the PREMIUM mobile telephone provision. If you would like to pair an additional SIM card, you have to delete a user profile first. To do this, follow the vehicle instruction manual for the PREMIUM mobile telephone provision.

Applies to vehicles: with PREMIUM mobile telephone provision

Telephone book

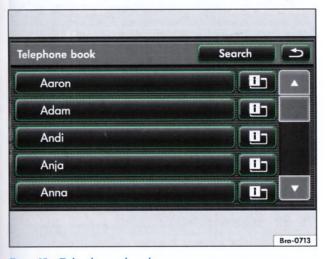


Fig. 41 Telephone book.

Opening a telephone book

In the PHONE main menu, press the function button on the lower right
⇒ page 53, fig. 38 to open the telephone book ⇒ fig. 41.

Dialling a telephone number from the telephone book

- In the *Telephone book* menu, move the slider in the scroll bar downward to display additional entries.
- In the left column, press a telephone book entry in the display. The first telephone number stored in the telephone book for this name will be dialled ⇒ fig. 42.



Fig. 42 Displaying a telephone book entry.

Displaying information about a telephone book entry

- Press the function button to the right of the telephone book entry you would like to display. The telephone numbers stored under this name are shown ⇒ fig. 42.
- If you press a telephone number in the display, it will be dialled.
- If you press the function button to the right of the telephone number, an input window to modify the stored telephone number is opened ⇒ page 57, fig. 45.
- To modify the displayed telephone number, follow the instructions described in ⇒ page 57, "Modifying a telephone number".

It takes a few minutes after the first paring process until the telephone book data is available on the radio unit. To do this, follow the ve-

hicle instruction manual for the PREMIUM mobile telephone provision.

The telephone book can also be opened during an ongoing telephone call. ◀

Applies to vehicles: with PREMIUM mobile telephone provision

Searching for an entry in the telephone book

To open the telephone book at the required place, enter the first letter of a stored name.



Fig. 43 Search window for selecting a telephone book entry.

Open the telephone book as described ⇒ page 55, "Opening a telephone book".

- In the *telephone book* menu press the \Rightarrow page 55, fig. 41 (Search) function button to select a telephone book entry using a search window \Rightarrow fig. 43.
- Press a character in the keyboard block in the search window to accept it in the input line.
- Each time you enter a character, the unit automatically suggests a complete name from the telephone book corresponding to the character sequence you have entered ⇒ fig. 43.
- When you press the function button, the display switches to the telephone book with a view of the entries that meet the search criteria.

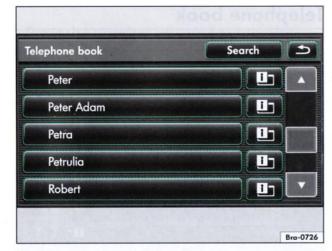


Fig. 44 Telephone book.

- Press the (obs) function button to open the input window for numbers and special characters. Press (A-Z) to change to the letter input window again.
- Delete the characters in the input line, starting at the position of the cursor and moving from right to left, by pressing the square function button.
- When you press the function button, the first number stored in the telephone book for the name displayed in the input line is dialled.

If no name is suggested while you enter characters in the input line, there is no telephone book

entry matching the entered sequence of characters. Delete characters from right to left until a suggested name appears for selection again.

The use of upper and lower case letters makes no difference when searching for a telephone book entry.

Input window: show special characters

A few letters are also marked with a small triangle "▼". This indicates that special characters based on this letter can be selected.

Keep the appropriate function button pressed until a pop-up window appears in which you can select an associated special character.

Alternatively, press (AME) to highlight all letters that have special characters, and then just press one to open the desired pop-up window with its special characters.

Press the desired character in the pop-up window to enter it in the input line – the pop-up window will close. If nothing is pressed, the pop-up window closes automatically after a few seconds. Press the empty area to close it manually.

Applies to vehicles: with PREMIUM mobile telephone provision

Modifying a telephone number

A telephone number stored in the telephone book or in a call list can be changed before you dial it. You can add a country code, for example.



Fig. 45 Modifying a telephone number.

To open the display of a telephone number from the telephone book or a call list, follow the instructions described in the corresponding chapter (for example: ⇒ page 56, "Searching for an entry in the telephone book").

- Press the ◀ or ▶ arrow button to move the cursor in the input line.
- Press a character in the keyboard block to insert it after the cursor in the input line.

- Delete the characters in the input line, starting at the position of the cursor and moving from right to left, by pressing the function button.
- If you press the function button, the telephone number displayed will be dialled.
- Pressing swill close the input window.

To enter a country code, instead of the first two numbers (for example "**00**") you can select the character "+". To do so, press and hold the ①+ function button for at least two seconds. After you release the button, the character "+" will appear in place of the "0" in the input line.

The entries in the telephone book of the mobile phone **cannot** be changed permanently with the radio unit. You can only modify a telephone number stored in the mobile phone telephone book in order to make a call from the vehicle. You can add a country code, for example.

After the telephone number has been dialled, it is then available in the call list \Rightarrow page 58, "Call lists".

To change an entry in the mobile phone telephone book, see the description in the instruction manual of the mobile phone manufacturer. If you have changed the data in the mobile phone telephone book or the SIM card since the last pairing, you can update the telephone book data in the radio unit directly using the *Telephone settings* menu ⇒ page 70. ◀

Applies to vehicles: with PREMIUM mobile telephone provision

Call lists

The call numbers from calls made with the PREMIUM mobile telephone provision and missed calls are stored in call lists and can be called up from these again.



Fig. 46 Selection from a call list in the PHONE main menu.

Only telephone numbers of calls missed, dialled or answered with the PREMIUM mobile telephone provision in the vehicle are stored. The call lists stored in the mobile phone are **not** copied to the vehicle.

- In the *PHONE* main menu, press the \Rightarrow fig. 46 [Call] function button.
- In the pop-up window which opens, select the call list containing the telephone number you would like to select by pressing it. The list will be displayed. Telephone numbers with an entry in the telephone book are shown by their name.

- Press the telephone number or the name to dial the number \Rightarrow page 61.

Use the ☐ function button to show additional information about the stored telephone number. You can also change the telephone number before dialling it ⇒ page 57, "Modifying a telephone number".

- Missed calls shows a list of calls not answered on the PREMIUM mobile telephone provision.
- Dialled numbers shows a list of telephone numbers that were dialled with the PREMIUM mobile telephone provision.
- Incoming calls shows a list of calls answered on the PREMIUM mobile telephone provision.

If the telephone number from a call list is stored in the telephone book, the name stored in the telephone book is displayed instead of the telephone number.

Incoming calls rejected with the function button are saved in the call list of **incoming** calls.

Call lists are always assigned to a user profile and are only displayed when the SIM card is paired again with the PREMIUM mobile telephone provision ⇒ page 54, "User profile". ◀

Applies to vehicles: with PREMIUM mobile telephone provision

Storing numbers to speed dial buttons

The five speed dial buttons (Memory 2) to (Memory 6) can each be assigned a telephone number. The (Voice mailbox) speed dial button is reserved for the telephone number of your mailbox.

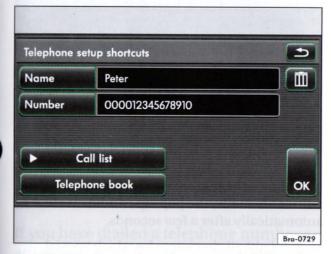


Fig. 47 Entering or changing a speed dial number.

After the first pairing with the SIM card of your mobile phone, all of the speed dial buttons are still unassigned when the *PHONE* main menu is called up for the first time ⇒ page 53, fig. 38.

Assigning free speed dial buttons

- If you press a non-assigned speed dial button, the *Speed dial* menu opens to enter the name and telephone number.
- If you press the \Rightarrow fig. 47 Name function button, an input window is opened where you can assign a name.
- In the input window, press a character displayed in the keyboard block to add it to the input line.
- Additional characters can also be displayed if required ⇒ page 60, "Input form: displaying special characters".
- You can also delete or alter the sequence of characters in the input line
 ⇒ page 60, "Input window: other input features".

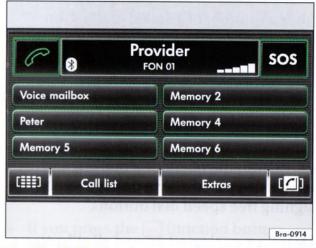
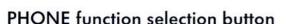


Fig. 48 PHONE main menu with assigned speed dial button.

- Press OK to accept the series of characters displayed in the input line. Press
 to close the input window without applying the entries.
- If you press the ⇒ fig. 47 Number function button, a window is opened to enter the telephone number. Enter the telephone number as described in the section "Modifying a telephone number" ⇒ page 57.
- Press the Call list or Telephone book function button to assign a telephone number from the list to this speed dial button.
- Press the function button to delete the entries in all input lines together.
- When you are finished making your entries in the *Speed dial* menu, press the
 ⇒ fig. 47 OK function button.
- The name you entered is displayed in the speed dial button in the *PHONE* main menu ⇒ fig. 48. The speed dial button has now been assigned to the entered telephone number.





Dialling using a speed dial button

 Press an assigned speed dial button briefly to dial its stored telephone number ⇒ page 61.

Editing assigned speed dial buttons

- If you would like to change the telephone number of a speed dial button, press and hold the speed dial button until the *Speed dial* menu opens for editing ⇒ page 59, fig. 47.
- You can change the name and the telephone number by calling up the required input window or you can select another entry from the telephone book or call list as was described above ⇒ page 59, "Assigning free speed dial buttons".

Deleting assigned speed dial buttons

- Press and hold the relevant speed dial button until the *Speed dial* menu opens for editing ⇒ page 59, fig. 47.
- Press the fin function button to delete all entries together. To confirm the delete command, press OK. The unit switches back to the *PHONE* main menu and all entries for this speed dial button will be permanently deleted.
- Pressing will close the input window without applying the change.

The speed dial button assignments remain stored in the unit, but are only shown when the SIM card is paired again with the PREMIUM mobile telephone provision ⇒ page 54, "User profile".

Speed dial button (Voice mailbox)

The Voice moilbox speed dial button also does not have a factory-default telephone number, as this number depends on the mobile phone provider and country. However, the name for this speed dial button is assigned and cannot be changed. This is a good place to store the number of your mailbox so you can quickly listen to your voice messages.

Input form: displaying special characters

A few letters are also marked with a small triangle "▼". This indicates that special characters based on this letter can be selected.

Keep the function button pressed until a pop-up window appears with this special character. Press the desired character to enter it in the input line – the pop-up window will close. If no entries are made, the pop-up window is closed automatically after a few seconds.

To highlight all characters for which special characters are available, press the [ALE] function button at the bottom right. Briefly press a highlighted character to open the pop-up window with its related special characters.

Input window: other input features

- switches between upper case and lower case.
- obj opens the input window for numbers and special characters. The function button changes to (A-Z). Press (A-Z) to change to the letter input window again.
- space bar for entering spaces.
- and ▶ move the cursor in the input line to the left or right.
- – deletes characters from right to left in the input line starting at the position of the cursor.
 ■

Applies to vehicles: with PREMIUM mobile telephone provision

Making a call



Fig. 49 PHONE main menu: Telephone call.

If you have dialled a telephone number or answered a call, the *PHONE* main menu changes to the *Telephone call* \Rightarrow fig. 49 view.

Incoming telephone calls

- An incoming telephone call is shown on the screen as "Incoming call" along with the telephone number of the caller. If the number of the caller is stored in the telephone book, the name of the caller is shown instead of the telephone number.
- Press the function button to accept the call.
- Press the function button to refuse the call.

During a call

- If you press the function button during a telephone call, the current call is switched to "mute" (display: "Call being held"). This means that the call is put on hold while the sound is muted.
- When you press the function button again, the call can be continued.



Fig. 50 Playing the DTMF button melody.

– If you press the \bigcirc function button during the call, the call to the current telephone number will be ended and the radio switches to the *PHONE* \Rightarrow page 59, fig. 48 main menu.

DTMF tones

Every telephone button has a specific DTMF tone assigned to it. DTMF tones are used to enter a password over the telephone or to select an employee in a "Call centre", for example.

If you are asked to enter a DTMF tone during a call, open the keyboard field by pressing the function button and follow the instructions \Rightarrow fig. 50 (for example: "To speak to one of our staff, please press [3]").

You can also store a series of DTMF tones in your mobile phone. If you are asked to enter this series of DTMF tones during a call, call up the entry from the telephone book, as described ⇒ page 55.

If you press the <code>DTMF</code> function button in the input window, the character sequence shown in the input line is played as a series of DTMF tones.

Note that in a series of DTMF tones, the character "+" must not be used, as it interrupts the playing of the DTMF tones. ◀

Applies to vehicles: with PREMIUM mobile telephone provision

Making an additional call, "toggling" and "call waiting"

During a telephone call, it is possible to make or take an additional call. The unit allows you to switch between the two parties (toggling).



Fig. 51 Telephone call with call on hold.

Making a second call while telephoning

- Press the function button during a call to put it on "hold", as is described above ⇒ page 61, "During a call".
- Call another person by entering a new telephone number ⇒ page 54 or select a stored telephone number ⇒ page 54, as is described in the corresponding chapter.
- When you have started an additional call, you can switch between the two calls (toggling), as described below.

"Call waiting" and toggling between two calls

- If you receive a call during another call, the number or name of the caller is shown on the screen below the current call (function: "Call waiting").
- In the "Call waiting" line, press the function button to reject the second call.
- In the "Call waiting" line, press the function button to accept the second call.
 The call with the first caller is put on hold, but not ended (display: "Call on hold").
- If you press the \Rightarrow fig. 51 \bigcirc function button in the line "Call being held", the call with this caller is continued and the other caller is put on "hold". You can toggle back and forth between callers.
- If you press the function button in one of the lines, the corresponding call will be ended.

During any call, it is only possible to hold one additional call. You can combine several calls to form a conference call \Rightarrow page 63.

Applies to vehicles: with PREMIUM mobile telephone provision

Making a conference call

Several parties can be brought together in a conference call.



Fig. 52 Adding another party to a conference call.

If you have one active call and another call on "hold", you can combine both parties to form a conference call.

Combining several calls to form a conference call

- Press the ⇒ page 62, fig. 51 the function button beside the currently active call to combine it with the held call to form a conference call. All parties in a conference call can hear and talk to each other.
- On the screen, the two parties are combined in one line labelled "Conference".
- You can now make and take additional calls, as described above, and add new parties to the existing conference call by pressing the ⇒ fig. 52 ☐+☐ function button.
- You can also toggle between one additional party and the conference call as described above ⇒ page 62.

Managing parties in a conference call

- During a conference call, in the *PHONE* main menu press the \Rightarrow fig. 52 Extras function button.

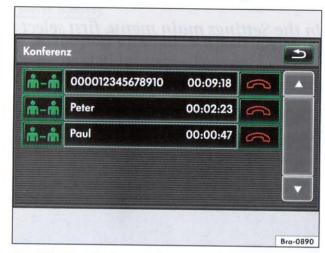


Fig. 53 Detailed view of a conference call.

- Press the Conference details function
 button in the pop-up window that opens.
 The list of parties in the conference call will be displayed ⇒ fig. 53.
- If you press the function button in one of the lines, the corresponding party will be disconnected.
- Press the \blacksquare - \blacksquare function button, to take the corresponding party out of the conference call. The party will then be in a separate call again and the conference call will be placed on "hold" \Rightarrow fig. 52.

Not all mobile telephone network providers support the function of the 🔠 - 👪 button for taking individual parties out of a conference call.

The \Rightarrow fig. 53 [3-13] function button is only displayed in the conference details view if currently no additional call is being made to another party.

During a conference call, no more than one additional connection to a separate party can be maintained ⇒ fig. 52. ◀

SETUP function selection button

Settings main menu (setup)

In the Settings main menu, first select the area where you would like to make changes.



Fig. 54 Settings main menu in units with TIM function.

- Press the SETUP function selection button to open the *Settings* main menu.
- Press the area where you would like to change or define settings.
- Press the \Rightarrow fig. 54 \implies function button to switch back to the last selected menu.

Overview of the settings menus

Radio – adjust settings for the function of the arrow buttons in radio mode, for the displayed memory buttons, for RDS automatic retuning and for the memory list \Rightarrow page 65, "Radio settings".

Traffic news $^{(23)}$ – set times for recording of traffic announcements when the unit is switched off \Rightarrow page 66.



Fig. 55 Settings main menu in units with DAB radio.

or

 $\overline{\text{DAB}}^{24)}$ – adjust settings for digital radio mode (Digital Audio Broadcasting) \Rightarrow page 67, "DAB settings".

Media – specify settings for playing and displaying MP3 files and activate or deactivate external connections ⇒ page 68, "Media settings".

Screen – set the brightness of the screen and select or deselect the button confirmation tone⇒ page 69, "Screen settings".

Telephone 25) – update the telephone book in the unit, delete all call lists and change the speed dial button assignments .⇒ page 70, "Telephone settings"

System – change system settings, such as language, and reset the unit to its factory settings ⇒ page 69, "System settings". ◀

Radio settings



Fig. 56 Menu: Radio settings.

Call up the *Radio settings* menu by pressing the SETUP function selection button and the Radio function button ⇒ fig. 56.

Specifying station selection using arrow buttons

- Press the function button next to Search mode.
- Press Station list or Memory list to specify which list should be used to select stations using the arrow buttons. If Memory list is selected, only stations stored in the memory list are called up using arrow buttons ⇒ page 13, "Selecting stored radio stations". In the *RADIO* main menu "memory" is displayed in the top left ⇒ page 13, fig. 10.

Selecting station buttons for display

- Press the function button next to Search buttons.
- In the pop-up window which opens, press the stations to be displayed in the RADIO main menu.

Switching RDS Regional on or off

- Press the (RDS Regional) function button and select a setting in the pop-up window.
- Press (Automatic) to set the unit to always select the frequency with the strongest reception for the selected radio station.
- Press Fix to set the unit to retain a radio station's regional broadcast until the signal is so weak that the reception becomes intermittent ⇒ page 14, "RDS Regional (automatic frequency change for regional stations)".

Deleting a memory list

In the Radio settings menu, press the Delete memory list function button and accept the following confirmation dialogue to delete all of the radio stations stored in the memory list ⇒ page 12, "Storing radio stations".

only in units with TIM function \Rightarrow fig. 54

only in units with DAB digital radio \Rightarrow fig. 55

 $^{^{25)}}$ only in vehicles with PREMIUM mobile telephone provision



Applies to vehicles: with a radio that supports the TIM function

Traffic news settings (setting TIM recording times)

You can set two TIM recording times for the recording of traffic announcements while the ignition is switched off.

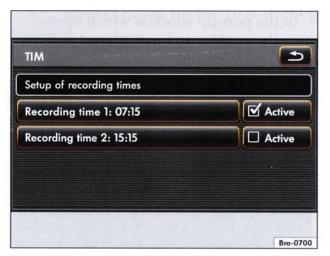


Fig. 57 Setting TIM recording times.

Call up the *TIM set-up recording times* menu by pressing the (SETUP) function selection button and the (Traffic news) function button.

 Press a TIM recording time display on the left to open the *Time setting* menu.

- In the *Time setting* menu, press the onscreen arrow buttons ♠ or ▼ below the hours and minutes display to change the chosen time unit forwards or backwards in steps.
- Press and hold an arrow button to change the time unit continuously. Release the function button when the desired value is reached.
- Press the function button to apply the displayed TIM recording time and exit the Time setting menu.
- You can set the two TIM recording times following the above procedure.
- To activate or deactivate a TIM recording time, press the Active function button. If the checkbox is ticked , the TIM recording time next to it is activated.

The unit will start to record 90 minutes before the set starting time and will stop recording 30 minutes after that time ⇒ page 18, "Function and operation".

Applies to vehicles: with DAB radio reception

DAB settings



Fig. 58 Menu: DAB settings.

Call up the DAB settings menu by pressing the (SETUP) function selection button and the DAB function button.

Selecting station buttons for display

- Press the function button next to Search buttons
- In the pop-up window that opens, press the stations to be displayed in the DAB RADIO main menu.

Automatic change from DAB to FM

 Press the □ Automatic change DAB<>FM function button to tick **✓** or untick □ the checkbox next to the item. When the checkbox is ticked, the function is switched on and, whenever the unit loses DAB reception, it will search for the selected DAB station on the FM frequency band and select a matching station if available ⇒ page 22, "Automatic retuning in DAB radio mode".

Selecting announcement types and switching announcements on and off

- Press the function button next to ►Announcement type
- In the pop-up window that opens, press the announcement types that should be played in DAB radio mode.
- Press the ☐ Announcements on/off) function button to tick **✓** or untick □ the checkbox next to the item. When the checkbox is ticked, the function is switched on and the selected announcement types will be played in DAB radio mode, provided the selected DAB station offers announcements of the chosen types.
- Press the □ Regional announcements function button to tick ✓ or untick □ the checkbox next to the item. When this function is activated, only announcements concerning the current region and non-regional announcements will be played, provided the selected DAB station supports this function.

Deleting a memory list

- Move the slider right down to the bottom to display the Delete memory list function button.
- Press the Delete memory list function button and confirm the following confirmation dialogue to delete all of the DAB stations stored in the memory list ⇒ page 25, "Storing and selecting DAB stations".



The individual DAB station is responsible for the information and content transmitted in radio text and DAB announcements.

Media settings

Call up the Media settings menu by pressing the (SETUP) function selection button and the Media function button.

 Tick the checkboxes ✓ next to the items by pressing the appropriate function button. Press the appropriate function button again to untick the checkbox .

Function buttons in the menu: Media settings

Activate Bluetooth audio 26) if the checkbox is ticked, it is possible to switch over to playback of audio files from a mobile telephone that is paired via Bluetooth® by pressing the (BT audio) function button in the MEDIA main menu \Rightarrow page 40.

Deactivate artist/track name) - the settings determine whether the name of the track, artist and album, or just the file name are displayed for audio CDs with CD text and in MP3 mode \Rightarrow page 28.

☐ Scan/mix/repeat including sub-folders — if the checkbox is ticked and one of the functions is selected (scan, random play or repeat function), all files in the current folder and its sub-folders will be played in MP3 mode according to the selected function. If the checkbox is unticked, only files contained in the current folder will be played according to the selected function.

Activate AUX input 27) – if the checkbox is ticked, it is possible to switch to the AUX input in the MEDIA main menu. An external audio source connected to the AUX input will then be played via the radio \Rightarrow page 29.

(AUX input level)²⁷⁾ – the input sensitivity of the AUX-IN socket can be changed between three levels to adjust the playing volume of an external audio source to that of the other audio sources. Press the AUX input level function button and select the desired input sensitivity in the pop-up

window. If a MEDIA-IN multi-media socket²⁸⁾ is also installed, this setting also applies to an iPod connected to the multi-media socket \Rightarrow page 42, "MEDIA-IN multi-media socket".

Recommendations for setting the AUX input level²⁷⁾

If the sound from an external audio source is too quiet, first increase the external audio source's output volume \Rightarrow \bigcirc .

If this is not sufficient or the output volume of the external audio source cannot be adjusted (for example, with a line-out connection), select a higher input sensitivity (Level 2: 0.7 V or Level 3: 0.3 V).

If an external audio source is played too loudly or its sound is distorted, first lower the external audio source's output volume.

If this is not sufficient or the output volume of the external audio source cannot be adjusted, you will need to lower the input sensitivity (Level 2: 0.7 V or Level 1: 1.5 V).

Changing the AUX input level will have no influence on audio files that have suffered overmodulation or distortion during recording.

(!) Caution

Before adjusting the AUX input level, it is important to turn down the volume on the radio unit to prevent damage to the vehicle speakers that may be caused by excessively loud or distorted playback.



If the external audio source is connected to the vehicle's 12-volt socket via an adapter, this may cause noise interference in the sound, depending on the type of adapter used.

Screen settings

The screen brightness level is adjusted automatically or can be set manually. The "button tone" (confirmation tone) can be switched on or off.

Call up the Screen settings menu by pressing the (SETUP) function selection button and the Screen function button.

Brightness

- Press the function button next to Brightness level and select a setting in the pop-up window.
- Press the (Automatic) function button to adapt the brightness of the screen automatically to the current light conditions via sensors on the radio.
- Press one of the other function buttons to set the screen brightness manually.

Confirmation tone

- Press the function button next to Confirmation tone and select a setting in the pop-up window.
- Press On or Off to switch the confirmation tone of an operation or function button on the screen on or off.



Note that manually setting the screen under unfavourable conditions can make the screen unreadable.

System settings

Call up the System settings menu by pressing the (SETUP) function selection button and the System function button.

Changing the system language manually

 Press the (System language) function button and select the desired language in the popup window. The system language is normally set as default to the language set in the combi-instrument "System language: automatic". However, if desired, a different language may be selected for the radio as described.

Resetting the unit to the factory settings

- Press the Factory settings function button.
- If you accept the following confirmation dialogue, the unit will be reset to its original settings and all stored data will be deleted.

Air conditioning display on the screen

As a factory setting in some vehicles, changes to the air conditioning settings are displayed on the screen for five seconds. After pressing the function buttons (A/C display) (5 sec.), you can change the display duration in the pop-up window. If you select A/C display F Off, the display will no longer appear.

²⁸⁾ Optional equipment!



²⁶⁾ Optional equipment! Only available in vehicles with basic factory-fitted mobile telephone provision.

²⁷⁾ Only available if an AUX-IN socket is installed (optional equipment).



Telephone settings

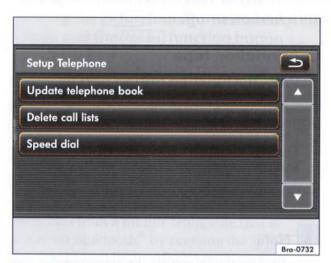


Fig. 59 Menu: Telephone settings.

Call up the Telephone settings menu by pressing the SETUP function selection button and the Telephone function button.

Updating the telephone book in the radio

 Press the ⇒ fig. 59 (Update telephone book) function button to update all of the entries in the radio that have been changed in the telephone book of the mobile phone or SIM card since the last pairing process. This procedure can take a few minutes.

- Accept the following confirmation dialogue. While the data are being updated, you can still select the "old" data of the telephone book in the radio.
- To do this, follow the vehicle instruction manual for the PREMIUM mobile telephone provision.

Deleting call lists

- Press the Delete call lists function button.
- If you accept the following confirmation dialogue by pressing [Delete], the stored telephone numbers of all the calls made via the radio, as well as missed calls are deleted.

Editing speed dial buttons

- Press the Speed dial function button to edit the assigned speed dial buttons.
- In the following menu, press the speed dial button to change its assignment.
- Edit the entry as is described ⇒ page 59, "Storing numbers to speed dial buttons".

Anti-theft coding

Entering the PIN

The anti-theft coding electronically prevents unauthorised persons from operating the unit in another vehicle after it has been removed.



Fig. 60 Entering the PIN.

When the keyboard field appears after the unit is switched on, prompting you to enter a code, you have to enter the correct four-digit code number to unlock the unit. The number of possible attempts is shown in the second line of the screen.

- Press a number between \Rightarrow fig. 60 0 and 9 on the number pad on the screen. The number is entered in the input line.
- After you have entered a four-digit number, the number pad becomes grey (inactive) and no more numbers can be entered in the input line.

- Press
 on the screen to delete numbers in the input line from right to left, thus allowing you to correct your input.
- When the correct code number is shown in the display, press OK).

Code number

The code number can only be requested "online" via the Volkswagen system thus making more effective anti-theft protection possible. Please contact your Volkswagen dealership if you require assistance.

Incorrect code number

This whole procedure can be repeated once if you enter an incorrect code number by accident when releasing the electronic lock. The number of possible attempts is shown in the second line of the screen.

If you enter an incorrect code number again, the unit is locked for around one hour. This means it cannot be started (display: "System locked! Please wait ... minutes").

The display will disappear after one hour, during which time the unit must remain switched on. The electronic lock can be released as described above.

The same cycle - two attempts, one hour lock applies again.



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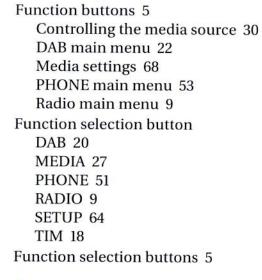
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