



RCD-510 Delphi User Manual

Radio
5ND 035 195

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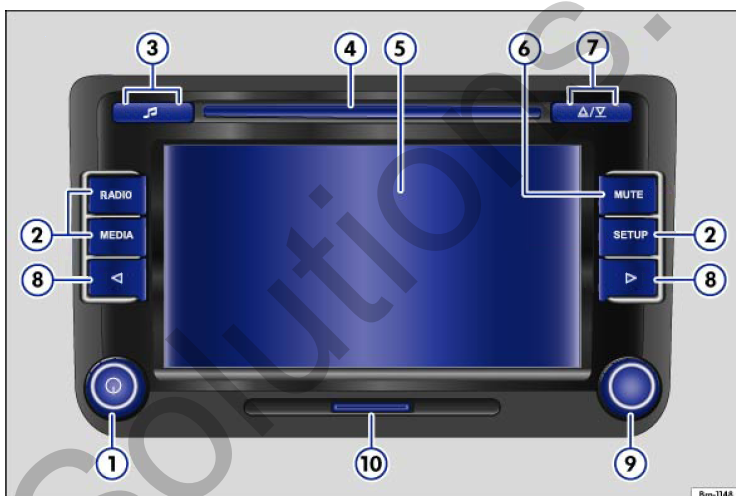


Fig. 1 Overview of the controls.



Unit overview

This overview will help you become acquainted with the controls more quickly.

(1) On/off switch and volume control

– **Switching on or off:** Push the settings knob once to switch the radio on and off.

– **Changing the volume:** Turn this knob to change the volume of the current audio source. A bar in the display shows the current volume level. The other controls are not active when this bar is displayed. At “0”, the unit volume is muted and the current media source is saved.


Some volume settings can be changed individually.

(2) **Function buttons** can be used to call up the appropriate main menu:

– **RADIO** – switches to radio mode/switch between FM and AM.

– **MEDIA** – switches to media mode.


– **SETUP** – enables settings for individual areas.

(3) : Press to open the sound and volume settings menu.

(4) **CD slot:** Insert the CD with the printed side facing up into the CD slot until it is automatically pulled in .

(5) **Touch screen:** Areas with a colored border on the screen are currently “active” and are operated by touching the screen.


(6) **MUTE** - mutes the unit, the media source currently playing is paused. Press the button again and the audio source returns to the original volume.

(7) **Eject button** : – press briefly to eject an inserted CD. If the CD is not removed within ten seconds, it is pulled back into the CD slot.

(8) **◀ and ▶**: the forward and backward buttons affect the “active” audio source.

– **RADIO mode** - press briefly to change the station/channel: from the station/channel list or the selection from the stored presets.

– **MEDIA mode** – press briefly to change the title, press and hold to rewind or fast-forward.

Fig.1  **Settings knob:** The function depends on the current mode.

– **RADIO mode** – turn to manually select the station/channel; press briefly to start or stop a scan.

– **MEDIA mode** – turn to change the title; press briefly to start or stop a scan in Audio mode .

(10) **Memory card slot:** SD/MMC memory cards with a capacity up to 2 GB are supported

Warranty

The equipment warranty terms and conditions also apply for new vehicles.

After the expiration of the warranty, a piece of equipment in need of repair will be replaced with a reconditioned, original item with spare part warranty. It is, however, a precondition that the housing has not been damaged and no unauthorized attempts have been made to carry out repairs.



Note

- The rotary/push knob has set breaking points to prevent injury in the event of an accident. Therefore, to avoid damaging the buttons, do not press on them very hard. You should only have to press lightly on the buttons to operate the device.
- Do not use pointed or sharp objects to operate the touchscreen. Light pressure is enough to operate the unit. A display on the screen is not available at that time if it cannot be called up by touching it.



Tips

- The unit can play various data media with different audio formats.
- Using a cell phone in the vehicle can cause interference.
- Placing foil or metal-coated decals on the vehicle windows can interfere with reception in vehicles with antennas integrated into the windows.
- In some vehicles with park distance control (PDC), the volume of the current audio source lowers automatically when the reverse gear is engaged so the audio signals from the parking system can be heard better, “Adjusting the volume”.

Operating while driving

The demands of traffic always require your full attention.



WARNING

Driver distraction causes accidents, collisions and serious personal injury.



- Use the radio only if road, traffic and weather conditions permit and you will not be distracted from your driving.
- Always set volume levels so that you can clearly hear horns, sirens and other warning sounds outside the vehicle.

Anti-theft code


The anti-theft code electronically prevents unauthorized usage in another vehicle if the unit is removed.


After switching the unit on, a keypad appears with the instruction to enter the code.

You must enter the correct four-digit code number to unlock the unit. The number of attempts remaining is displayed in the second line of the screen.

– Touch a number from [0] to [9] in the number block directly on the screen. The number is entered in the input line.

– After entering a four-digit sequence of numbers, the number block turns gray (inactive) and you cannot enter any more numbers in the input line.

– Touch  on the screen to erase the numbers in the input line from right to left so you can correct your input, if necessary.

– Touch  if the input line contains the correct code number.

Code number

The code number can only be requested “online” through the Volkswagen System to provide greater protection against theft. Contact your authorized Volkswagen dealer if necessary.

Incorrect code number

If you accidentally enter an incorrect code number when unlocking the unit, the entire process can be repeated **one time**. The number of attempts remaining is displayed in the second line of the screen.

If you enter an incorrect code number again, the device will be locked for approximately one hour.

That means it cannot be used (display: “**System is locked! Please wait ... minutes**”).

The unit must remain switched on. The display will disappear when an hour has passed. The electronic lock can then be deactivated as previously described.


The cycle of two attempts and the one hour lock will continue.


Note

You do not need to deactivate the anti-theft code manually if the unit was removed from the vehicle and reinstalled or the vehicle battery was disconnected because the code number remains stored in the vehicle once it is entered for the first time.

If the code numbers do not match, for example because the unit was installed in another vehicle, you must deactivate the electronic lock manually

Switching on or off


– Press the on/off button  Fig1 ⑨ to switch the unit on. This system powers up and the last settings used are loaded. The last audio source that was active when the unit was switched off will begin playing.

– Press the on/off button  Fig1 ⑨ again to switch the unit off.

Once the unit is switched on, the last audio source will begin playing at the last volume level used as long as it is not higher than the preset “**start-up volume**”.

Timeout

The unit switches off when you remove the key from the ignition. You can switch the unit on again


with the on/off button Fig1 ⑨ . The unit will then switch off again automatically after half an hour to preserve the vehicle battery.

General operation

The following provides an overview of how to operate the unit.

The main menus and the sound settings menu are called up with the unit buttons

– For example, press the MEDIA Fig1 ② function selection button to call up the MEDIA main menu.

– Press the unit button  Fig1 ③ to call up the sound settings menu Fig. 2.



Operating the touchscreen

– Usable or active areas of the screen are outlined in color.


– To operate them, touch the screen with your finger inside one of the active areas.

“Function keys” on the screen


– Active areas of the screen that call up a function or menu are called “function keys”.


– When you touch a function key, the screen view switches to the applicable menu.

– For example, touch the **Speed Dependant Volume Control** function key in the *Sound Settings* menu to call up the applicable settings menu. The title line indicates which menu you are accessing.




– You can switch from any menu back to the previous menu using the  function key.


Moving objects or controls

– Place your finger on the screen on a movable object such as the “slider”  to change a setting.

– Move your finger over the screen *smoothly*. The slider  follows your movements but will only move within its predefined range.



– Remove your finger from the screen when you have reached the desired setting.

– You can also move the slider  by touching the Fig. 3  or  function key to move to the left or right.

A function key with a gray background cannot be selected at that time (for example, the  function key in the *MEDIA* main menu Fig. 20).


A function key highlighted and bordered in white indicates the current selected menu item

“Scroll bars”: Moving the screen section

A vertical bar on the right edge of the screen with a slider between the arrow keys  and  is called a “scroll bar”. Additional menu items are visible when you move the slider up or down. You can move the slider by touching the arrow keys or pressing and holding the slider and moving it up or down directly with your finger.

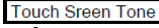
Settings menu: accepting settings


A setting or value in the settings menu changes

without increments. Touch the  function key to switch back to the initial menu. Settings that have changed are automatically accepted.


“Pop-up window”: selecting an option

A function key with an arrow projecting from it indicates the selected setting, for example



Touch Screen Tone   Off

When you touch the  Off function key on the screen, a pop-up window opens that displays all of the settings options.

Touch the desired option. The pop-up window closes and the setting that has just been selected is displayed.

Touch the  function key in the pop-up window to close it without changing any settings.

“Checkbox”: switching a function on or off

Some functions can only be switched on or off. Functions that can only be switched on or off have a “checkbox” next to them (for example, the settings for playing MP3 files. A check mark in the checkbox  indicates that the function is switched on. An empty checkbox  indicates that it is switched off.

Touch the function key to switch the function on or off.

Vehicles with the multifunction steering wheel

Some actions such as changing the station in the *RADIO* main menu can also be performed with the arrow buttons on the multifunction steering wheel and instrument cluster. Refer to your vehicle owner's manual for information on using the multifunction steering wheel.

Changing the sound, sound distribution and volume

You can adjust the sound characteristics and volume separately.

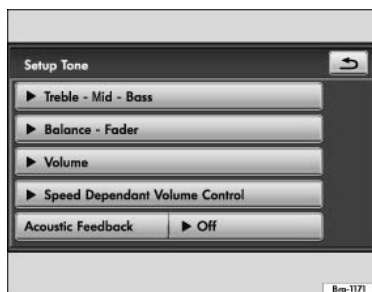




Fig. 2 Main menu: Sound Settings.

Functions can be switched on or off or adjusted in the *Sound Settings* main menu


Calling up the Sound Settings main menu

– Press the function selection button  to open the menu for changing the sound and volume settings Fig. 2.

Changing the sound characteristics or sound distribution


- Touch [Treble - Mid - Bass] to open the settings menu for changing the “tone”.
- Touch [Balance - Fader] to open the settings menu for changing the sound distribution between right and left (balance) and front and rear (fader).
- In the settings menu, move the slider  or press [+] or [-] to change a setting .


Adjusting the volume

- Touch [Volume] and in the menu appears, touch the volume you would like to adjust if several settings menus are available.
- In the *Start-up Volume* settings menu, move the slider  or press the [+] or [-] button to change the volume level.
- In the *Parkpilot: Audio Level* settings menu, you can adjust how much the radio volume is lowered when park distance control (PDC) is active. To do this, press the [PDC Volume Reduction] button briefly and then press to select a setting.


Speed-dependant Volume Control

– Touch Speed Dependant Volume Control to open the settings menu

– Change the degree of volume increase in stages from 1 to 7 by moving the slider  or touching [+] or [-].

– Move the slider  all the way to the left to switch Speed dependant volume control off.

Accepting settings

– Touch the  function key on the screen to switch to the previous menu. Press a function button (e.g. MEDIA) to go to that menu. The changed settings are accepted in both cases. When making adjustments, the volume of the current audio source is adjusted to match your changes so you can preview your settings.

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

Confirmation tone for screen operation

You can switch the confirmation tone for operating the touchscreen on or off. Press the [Touch Screen Tone] function key briefly and press [▶On] or [▶Off] in the pop-up window that opens.

Speed-dependant Volume Control

As the vehicle speed increases, the noise level in the vehicle increases too. The unit automatically adjusts the volume according to the vehicle speed.

If a low value for the speed-dependant volume control is selected, the volume will only increase slightly when the vehicle speed increases.

If a higher value is selected, the volume will increase strongly when the vehicle speed increases. This way you can always adjust the speed-dependant volume control to fit the current conditions in the vehicle, for example when windows are open or closed or if there is a roof rack. You can still change the basic volume with the volume controls (1). The speed-dependant volume control continues to work automatically.

Radio mode

The Radio main menu (FM/AM)



Fig. 3 RADIO main menu in FM mode.

– Press the **Radio** function selection button to switch to radio mode.

The frequency of the current radio station is displayed at the top of the screen **Fig. 2**.

Function keys in the radio main menu

[1...] through **[...48]** – presets keys for storing or recalling a stored radio station. You can select which radio presets keys are displayed .

[Band] – to select FM/AM band.

[Station list] – opens the list of FM radio stations which can be received currently.

[Presets] – opens the list of FM/AM radio stations which have been stored in the radio.

A letter “*Presets*” displayed on the main screen indicates that you can only switch through the stored stations using the arrow keys.

[Scan] – to start the automatic scan feature.

[Man.] – opens the frequency band for changing the frequency manually



Tips

In vehicles with window antennas, reception can be affected by plastic film or metal-coated adhesive labels attached to the windows.

Selecting a radio station



Fig. 4 Radio station list: radio station 89.9 FM selected.

Open the **RADIO** main menu in the desired frequency range.

Changing the radio station

– Press the arrow buttons **Fig.1** **8** on the unit briefly or touch the arrow buttons in the screen to switch to the previous or next receivable radio station. Depending on the settings, you may only be able to switch to stored stations.

Scanning all receivable radio stations

– Touch the **Fig.3** **[Scan]** function key to start the **scan function** in the current frequency. All receivable radio stations are played for about 5 seconds each.

– Or you press the settings knob on the bottom right of the unit briefly **Fig.1** **9** to start or stop the scan function.

– While the scan feature is working, the function key changes to **[▶Scan]**.

– Press the settings knob of the unit or the **[▶Scan]** function key again to stop the scan function at the current radio station.

Select FM radio stations from the radio station list

– Switch to FM radio mode.

– Touch the **[Station list]** function key to display all the FM radio stations that can currently be received in a list. The list “jumps” directly to the radio station currently playing **Fig. 3**.

– Move the slider in the scroll bar up or down to display other radio stations.

– Touch the desired radio station. The station list automatically closes after a moment. No station list is available for the AM frequency. The radio constantly searches for radio stations and updates the station list. The radio station list can only be updated when it is closed. You can also end the scan function by selecting a station using the arrow keys.

Tuning the radio station manually

You can also tune the radio station manually to its frequency.

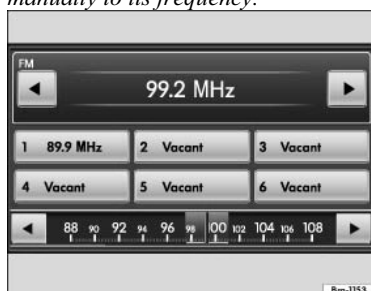


Fig. 5 Selecting a radio station manually.

- In the **RADIO** main menu, turn the knob **Fig.1** ⑨ or touch the **[Man.]** function key to display the scale for the selected frequency range in the lower area of the screen.
- Turn the knob to select the frequency of the desired station. You can also adjust the frequency in stages by briefly pressing the left and right arrow buttons for the frequency band.
- Hold your finger on the slider **Fig. 1** in the frequency band displayed on the screen and pull it smoothly to the left or right to change the frequency in large increments.
- Press the knob briefly to end manual frequency selection and to display the lower function keys again.

Press the arrow buttons on the unit briefly or touch the arrow keys at the top of the screen to switch to the previous or next receivable radio station in the frequency band displayed.

Press and hold one of the arrow buttons to scan through the frequency band quickly and skip over receivable radio stations. When you release the arrow button, the next receivable station is selected. The frequency band display is automatically hidden after approximately twenty seconds of inactivity.

Storing a radio station

Radio stations can be stored directly to “station keys” and selected with those keys.



Fig. 6 **RADIO** main menu: Memory location 4 is selected.

The six numbered keys in the **RADIO** main menu are called “presets keys” **Fig. 6**.

Assigning a radio station to one of the presets keys displayed

- While in the **RADIO** main menu, hold one of the displayed presets keys down (in illustration **[1 ...]** through **[6 ...]**) until you hear a signal tone. That radio station is now assigned to that preset key **Fig. 6**. If a button already has a radio station assigned to it, that station will be overwritten by the new radio station.

Changing the presets displayed

- Touch the **Presets** key. A pop-up window with a list of presets keys will appear.
- Select the presets you would like to display in the **RADIO** main menu. Twelve presets locations are available for storing FM and AM stations.

Selecting radio stations using the presets keys

– Briefly touch one of the displayed presets (in the illustration Fig. 6: [1 ...] through [6 ...]) to call up the radio station displayed there.

– If the radio station you are looking for is not assigned to the presets keys currently displayed in the *RADIO* main menu, change the presets key view

If the current radio station is assigned to a presets key, the preset number will be displayed in the top left of the *RADIO* main menu behind the frequency range (**FM** or **AM**) Fig. 5. When switching to the presets list, the list “jumps” directly to this memory location.

In the *Radio Settings*, you can select if changing stations with the arrow keys will only switch to stored stations. The word “Presets” is displayed on radio main screen when that option is selected.

All the stations stored in AM and FM mode can be deleted at one time.

Media mode Introduction

Requirements for data media and audio files

Only insert standard 12 cm CDs and memory cards measuring 32 mm x 24 mm x 2.1 mm or 1.4 mm in the radio unit.

Restrictions and notes

Contaminants and damage can cause a data medium to become unusable. Follow the manufacturer's instructions for handling data media.

Differences in quality between data media from different manufacturers can lead to problems during playback. Obey all copyright laws!

CDs will not play if they were recorded in UDF or Direct CD format. Check the format when using Windows Vista®.

The configuration of a data medium or the device and programs used for recording can create individual tracks or data media that are unreadable. You can find information on the optimum settings (such as compression rate, ID3 tag, etc.) for creating audio files and data media on the internet.

It takes more time to read an MP3 CD than a “standard” audio CD because of the larger quantity of data.

Complex folder structures can slow the reading further.

Playlists only determine a specific playback sequence. Files *are not* stored in playlists. Playlists do *not* play if the files on the data medium are *not* stored in the location referred to by the playlist (relative file paths).

Playback sequence of MP3 files and folders

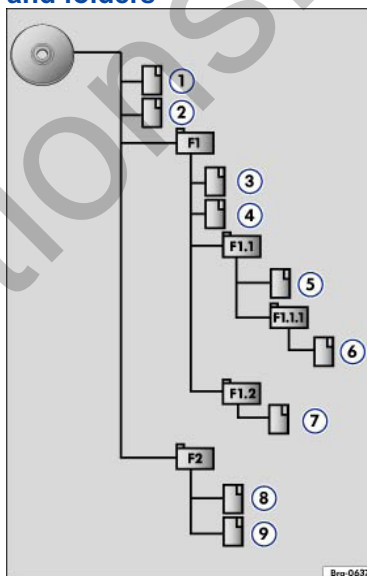





Fig. 7 Possible MP3 CD structure.

Audio files are often organized in a data medium using file folders  and playlists  to establish a specific playback sequence .

Tips for CD mode and handling CDs

To ensure correct, high-quality CD playback, only use clean CDs without scratches or damage.

Using CD players

Volkswagen CD players conform to safety class 1 in accordance with DIN IEC 76 (CO) 6/ VDE 0837. The laser uses little power and is shielded so there is no danger when used correctly.

Contact your authorized Volkswagen dealer if the CD player is malfunctioning or if it must be repaired ⚠

Cleaning a CD

Hold the sides of the CD. Do not make fingerprints on the CD.

Clean the CD with a soft, lint-free cloth. Wipe the CD in straight lines from the inside to the outside. Heavy soiling can be removed with a commercial CD cleaner or isopropyl alcohol.

⚠ WARNING

Using the CD player incorrectly can result in injuries.

- The CD player should only be repaired by your authorized Volkswagen dealer.

ⓘ Note

Objects sticking to a data medium or non-circular data media can damage the CD drive.

- Only use clean, 12 cm standard CDs.
 - Do not apply labels or similar items. Labels can become loose and damage the drive.
 - Do not insert 8 cm single CDs or non-circular CDs.
 - Do not insert DVD Plus discs, Dual Discs or Flip Discs because they are thicker than standard CDs.

ⓘ Note

Contaminants and damage can cause a data medium to become unusable.

- Avoid contamination and damage!
 - Read and following the instructions for inserting a data medium correctly in the corresponding chapter.
 - Always store data media in cases designed for them from the Volkswagen Accessories program or in their original storage containers when not in use.
 - Protect data media from damage, heat and direct sunlight.
 - Only write on CDs with a suitable writing instrument. Otherwise the material will be damaged.
 - Only use suitable cleaning solutions.

The MEDIA main menu

You can start and control playback from various media sources through the MEDIA main menu.



Fig. 8 MEDIA main menu: Audio CD playing.

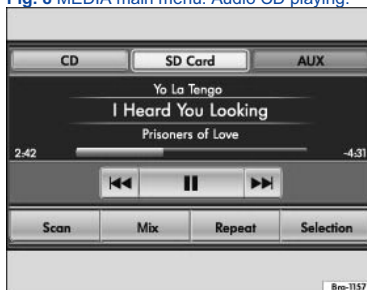


Fig. 9 MEDIA main menu: Memory card with MP3 files playing.



Calling up the MEDIA main menu

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

Playback will resume where it left off on the last media source played.

Changing the media source

– Touch one of the upper function keys in the MEDIA main menu to select a different media source.

You can play a specific track from the current media source or select one of the other media sources using the [Selection] function key. If a previously played media source is selected again, the playback begins where it left off before (except: “Connecting an external audio source using the AUX-IN connector”).

The function key is grayed out if a media source is not available, for example because a data medium is not inserted or connected .



Displaying track information


With audio CDs, the “Track” and track number is displayed in the center of the screen according to the sequence on the CD Fig. 7.


With audio CDs with CD text and with WMA and MP3 file, the track name can be displayed in the center with the artist above it and the album name below it. If the MP3 files do not have ID3 tags, only the file name will be displayed.

There is a progress bar at the bottom left and right that displays the track's elapsed time and the remaining time in minutes/seconds. The remaining time cannot be displayed for files with a variable bit rate (VBR).

Buttons for controlling the current media source


The arrow buttons on the unit  or  Fig.1 ⑧ always affect the media source that is currently playing, no matter which menu you are accessing.


 - press briefly to return to the beginning of the current track. Press again to return to the beginning of the previous track. Press and hold to reverse.


 - press briefly to skip to the beginning of the next track. Press and hold to fast forward.

You can also turn the knob Fig.1 ⑨ when in the MEDIA main menu to change tracks.

Function keys for controlling the current media source

 - touch briefly to return to the beginning of the current track. Press again to return to the beginning of the previous track. Press and hold to reverse.

 - press briefly to skip to the beginning of the next track. Press and hold to fast forward.

 - Pause. Playback is paused at the current location

Selectable media sources in the MEDIA main menu

[CD] - switches to the last CD that was playing in the CD changer.

[SD Card] - switches to an inserted memory card .

[AUX] - switches to a connected external audio source.

[BT Audio] - switches to audio files that are played on a Bluetooth® audio source that is connected to the cell phone preparation .

Additional function keys in the MEDIA main menu

[Scan] - starts the Scan feature . Scan has started if [▶Scan] is already displayed. Touch the function key briefly to end.

[Mix] - starts the Mix random playback feature . Mix playback has started if [▶Mix] is already displayed. Touch the function key briefly to end.

Repeat - opens a pop-up window where the repeat function is activated. Also specifies if the current Track , CD (in audio CD mode) or Folder or Playlist (in MP3 mode) should be repeated.

[Selection] - opens the track list for the current media source to select another track or a different media source .



Tips

- See the information on requirements for data media, folders and playlists .
- If the [AUX] function key cannot be selected even though an external audio

source is connected to the AUX-IN connector, check the *Media Settings* menu to see if the AUX input is activated.

- The time is displayed in the status line on the screen instead of the track, "Time display in the screen".

Inserting a data medium Inserting or ejecting CDs

The internal CD changer can play audio CDs and MP3 CDs.

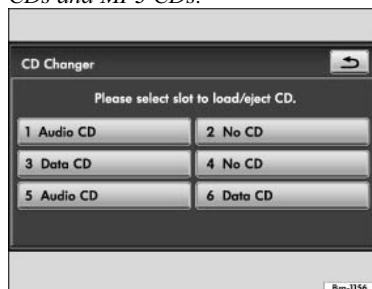


Fig. 10 Internal CD changer overview menu.

Opening the internal CD changer overview menu

- Press the CD insert and eject button

Fig.1 to open the internal CD changer overview menu Fig. 10. The CD overview menu shows which slots in the internal CD changer are currently loaded.

- The CD overview menu is only used to load or eject CDs. Use the CD selection menu to start playback on a CD that is already inserted.

Inserting CDs

- Touch the display for an empty CD slot Fig. 10 No CD in the overview menu to prepare that slot for loading.

- Wait until "Please insert CD." appears.
- Slide a 12 cm standard CD with the writing facing up into the CD drive until it is automatically pulled in . Playback starts automatically.

Ejecting CDs

- Touch the display for a loading CD slot in the overview menu to move that CD into the eject position for removal .

- Remove the CD. If you do not remove the CD, it is pulled back in after approximately 10 seconds for safety reasons.

The CD slots in the internal CD changer do **not** need to be loaded in order.

Displays in the CD overview menu:

Audio CD - CD with "standard" uncompressed audio files.

Data CD - CD with MP3 or WMA files. It may take a few seconds to read a CD like this. Audio CD is displayed until the CD is read completely. Error - the CD inserted is unreadable.

No CD - empty CD slot.

CD unreadable

If the unit cannot read a CD that is inserted, a pop-up window will ask you to check the CD or it will inform you that the file formats on the CD cannot be read.

Press OK to confirm the display. The CD must be removed manually.



WARNING

Using the CD player incorrectly can result in injuries.

- The CD player should only be repaired by your authorized Volkswagen dealer.



Note

- Read and follow the information and requirements in the introduction to media mode.
- Always insert CDs into the drive straight and at a right angle to the front of the unit or remove them without tilting and scratching them.
- Inserting a second CD while another CD is being ejected can destroy the CD drive in the unit. Always wait for the CD to eject.



Tips

- Playback may skip when traveling on poor roads or when there are strong vibrations. Switch CD playback off if this occurs.
- To prevent theft in convertible models, the key must be inserted in the ignition to insert or eject a CD.

Inserting or removing memory cards

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



Fig. 11 MEDIA main menu: Memory card with MP3 files playing.

Inserting a memory card

– Slide a compatible memory card into the memory card slot [Fig. 1](#) with the angled corner at the front right until it clicks into place. Playback starts automatically

Removing a memory card

– Press the inserted memory card until it releases and “jumps” back into the ejected position.

– Remove the memory card.

You can start playing an inserted memory card through the selection menu.

Only playable audio files can be read from the memory card. Other files are ignored.

Memory card empty or data unreadable

If a memory card with no MP3 files or unprotected WMA files is inserted, the unit does **not** switch to memory card mode once the card is inserted. A pop-up window opens, informing you that the data on the card cannot be read. In the *MEDIA* main menu, the SD Card function key in the top line of

the screen is inactive and the function cannot be selected.

Note

- A locking mechanism prevents memory cards from being inserted incorrectly. Pressing hard can destroy this locking mechanism. If you cannot insert a memory card, check its position.
- Read and follow the information and requirements in the introduction to media mode .

Browsing through media sources

The contents of the available media sources can be displayed and called up through the selection menu.

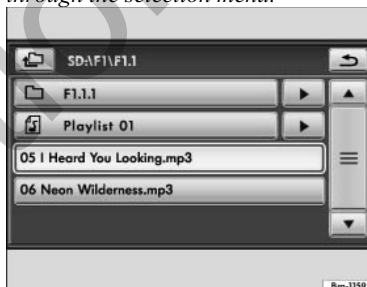


Fig. 12 Selection menu for a memory card with MP3 files.

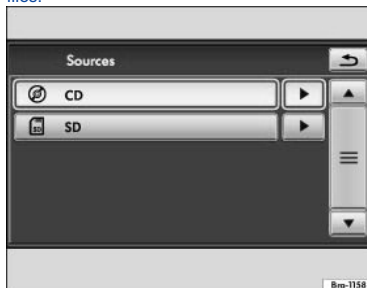


Fig. 13 Selection menu of available media sources.



You can change the current media source using the *MEDIA* main menu as described.

Browsing through media sources

– Touch the **[Selection]** function key in the *MEDIA* main menu to display the selection menu for the media source that is currently playing. The track that is currently playing is highlighted

Fig.12

– Touch the function key to open the selection menu one level up.

– Touch the left of folder ... or playlist

... display to open the selection menu for selecting tracks.

– Touching the function key again switches to the view of currently selectable media sources .

– Touching the function key starts playback from a folder, playlist or media source.

If the selection menu for another CD is opened while in CD mode, that CD begins playing at the first track. If you switch from CD to SD memory card using the selection menu, playback resumes from the last track that was playing. If you switch to another CD, it will begin playing at the first track. If there is no data medium inserted in a media source, it is displayed as inactive and cannot be selected.

Displays in the selection menus:

In a selection menu, the menu source and the folder or playlist (if applicable) are displayed in the track line after “**Sources**”:

“**CD 1-6**” – CD from the internal CD changer.

“**CD 1-6: \folder name**” – MP3 CD from the internal CD changer and the open folder.

“**CD 1-6: \Name.m3u**” – MP3 CD from the internal CD changer and the open playlist.

“**SD: \folder name**” – memory card and open folder

“**SD: \Name.m3u**” – memory card and open playlist.

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

SD – an SD memory card (Secure Digital Memory Card) or MMC memory card (Multimedia Card) is inserted

CD – CDs are inserted in the internal CD changer Fig. 13 (touch to open the CD selection menu Fig. 14).

CD 1-6: Empty: **Empty** – empty CD slots in the CD selection menu.

CD 1-6: CD Audio: **CD Audio** – an audio CD is inserted in the internal CD changer.

CD 1-6: Name: **Name** – an audio CD with CD text is inserted in the internal CD changer.

CD 1-6: Name Mp3: **Name Mp3** – an MP3 CD is inserted in the CD changer.

Name – folder on an MP3 CD

Name.m3u – playlist on an MP3 CD

Track no. – track on an audio CD.

No. Name – track on an audio CD with CD text.

No. Name.mp3 – track on an MP3-CD .

The right function key begins playback from the data medium, the folder or the playlist.



Tips

An external audio source connected to the AUX-IN connection cannot be controlled through the radio

Selecting CDs from the CD changer






Fig. 14 CD selection menu



Fig. 15 MEDIA main menu: Audio CD in CD slot 1 selected.

Insert the CDs in the internal CD changer as described.

- Press the **MEDIA** function selection button to open the **MEDIA** main menu.
- In the **MEDIA** main menu, playback resumes from the last media source that was playing.
- If the unit is not already in CD mode, touch the **Fig. 14** CD function key in the top line of the screen.
- Touch the **[Selection]** function key to display the selection menu for the CD that is currently playing.

- Continue touching the  function key until the CD selection menu is displayed **Fig. 26**.
- Touch one of the  to  function keys to begin playing the CD in that slot. CD slots that do not have CDs inserted are marked with “**Empty**” and the function key is inactive. Unreadable CDs cannot be selected (display: “**Error**”).

In the **MEDIA** main menu, the top left of the screen shows which CD from the CD player is playing.

[Mix] - random playback

The audio tracks on a CD play in random order.

[Scan]

Every audio track on a CD plays for approximately ten seconds.

Changing track and playback mode



The arrow buttons on the unit  or  always affect the audio source that is currently playing, no matter which menu you are accessing.







Fig. 16 Track list for the audio CD that is playing.



Fig. 17 Selection menu for a memory card with MP3 files.

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

Playing the previous or next track

- Press the arrow buttons  or  on the unit briefly or touch the  or  function key on the screen in the **MEDIA** main menu.

Reverse or fast forward

- Press and hold the arrow buttons to fast forward or rewind.
- Release the arrow button when you have reached the desired location.




Audio CD: selecting a track

- Touch the **[Selection]** function key to display the track list for the audio CD that is currently



playing. The track that is currently playing is highlighted .


- Touch **[Track ...]** to select a different track in the track list.


- Touch the  function key to switch from the track list to the CD selection menu . Touch  again to view all selectable media sources You can always return directly to the *MEDIA* main menu with the  function key .



MP3 Files: selecting a track

- Touch the **[Selection]** function key to display the selection menu with the track that is currently playing and any available folders. The track that is currently playing is highlighted .


- Touch another track to select it. If the track you are searching for is located in another folder or a playlist, you must first browse through the folder structure.

- Touch the  to open it.

- Touch the  function key to open the folder that is one level higher. All higher level folders are displayed in the track line.

- Touch  repeatedly to switch folder by folder to the selection menu of available media sources .
 - You can always return directly to the *MEDIA* main menu with the  function key .

The top line of the track list displays the media source that is currently playing.

You can also turn the knob  when in the *MEDIA* main menu to change tracks.

When playing MP3 files with ID3 tags and audio CDs with CD text, the track is displayed in the selection menu instead of “Track”.



Tips

The title, artist and album name display can be deactivated in the “Media Settings” menu .

- The time is displayed in the status line on the screen instead of the track , “Time display in the screen”.

Repeat function

- Touch the **[Repeat]** function key in the *MEDIA* main menu. A pop-up window opens.

- Touch **[Title]** to automatically repeat the current track when it reaches the end.

- In **Audio CD mode**, touch **[CD]** to automatically repeat the CD that is playing when it reaches the end.

- In **MP3 mode**, touch **[Folder]** or **[Playlist]** to automatically repeat all tracks in the current folder or playlist.

- The function key will indicate when the repeat function is activated (for example **[▶Repeat Title]**). Taping the function key ends the repeat function.

When in **audio CD mode**, if only **one CD** is inserted in the CD changer, it will repeat automatically when it reaches the end. The **[CD]** function key in the pop-up window for the repeat function is inactive.

Depending on the settings, only the audio files in the selected folder or all the audio files in the selected folder and its subfolders will be repeated when the repeat function is activated , “Media Setup”.

The repeat function remains active for the current media source until it is ended there 12.

MIX random playback

The tracks in the selected media sources are played in random order.

- Touch the **[Mix]** function key in the *MEDIA* main menu.

- The function key changes to **[▶Mix]** and random playback begins with the next track . All tracks in the current media source now play in random order.

- Touch the **[▶Mix]** function key to end the function stating with the current track.

Normal playback resumes from this track.

Depending on the settings, only the audio files in the selected folder or all the audio files in the selected folder and its subfolders will play in random order when the mix function is activated , “Media Setup”.

Mix playback ends when a specific track is selected with the Selection function key.


Mix remains active for the current media source 13 until it is ended there.



Scan function

All tracks in the selected media source play for approximately ten seconds.

- Touch the **[Scan]** function key in the *MEDIA* main menu.
- The function key changes to **[▶Scan]** and all of the tracks in the current media source play for approximately ten seconds each. The scan function begins with the next track.
- Touch **[▶Scan]** to end the scan function with the current track. Normal playback resumes from this track.

You can press the knob [Fig.1](#)  briefly when in the *MEDIA* main menu to start and stop the scan function.

Depending on the settings, only the audio files in the selected folder or all the audio files in the selected folder and its subfolders will be scanned when the scan function is activated, “Media Setup”. The scan function ends when all of the tracks according to the settings are played. Normal playback resumes with the last track that was played

External audio sources

WARNING

An open glove compartment or armrest increases the risk of injury during sudden braking maneuvers or an accident.

- Always keep the glove compartment or armrest closed while driving to reduce the risk of injury.

WARNING

External devices that are loose or not secured correctly can be thrown around the vehicle interior during sudden driving or braking maneuvers or a collision.

- Always secure external device correctly and outside the range of the airbags when driving.

WARNING

Connector cables for external devices can interfere with the driver.

- Route connecting cables so they will not interfere with the driver.

WARNING

The volume can change suddenly when the audio source changes.

- Lower the volume before changing the audio source.

Note



The vehicle speakers can be damaged if playback is too loud or distorted.

Tips

If the external audio source is connected to the 12 Volt outlet in the vehicle, background noise may occur during playback with some adapters. Applies to vehicles: with AUX-IN connector

Connecting an external audio

Depending on the vehicle, the AUX-IN connector is located in the glove compartment or in the center console or armrest or between the front seats.

- Activate the AUX-IN connector in the *Media Settings* menu.
- Connect the external audio source to the AUX-IN connector using a cable with a 3.5 mm stereo jack.
- Turn the volume knob [Fig.1](#)  to the left to lower the playback volume on the radio.
- Start playback on the external audio source.
- Touch the **[AUX]** function key in the *MEDIA* main menu to play the external audio source through the vehicle speakers.
- Select the desired playback volume with the volume control [Fig.1](#) . See also, “Adjusting the volume of the external audio source”.

The external audio source continues playing in the background if another audio source is selected on the radio.

When external audio source stops playing, the radio remains in the *AUX* menu and you must select another audio source manually .



The unit only resumes playback on the last media source that was playing when the connector is removed from the AUX-IN connector.

A 3.5 mm stereo jack is needed for the AUX-IN connector. An adapter must be used if the external audio source does not have this type of connector.

Adjusting the volume of the external audio source

You can adjust the volume of the external audio source using the volume control Fig.1 ① on the radio.

Depending on the audio source that is connected, you may also be able to adjust the output volume of the external audio source. ④ Optional equipment.

You can also adjust the input sensitivity of the AUX-IN connector to adapt the volume of the external audio source to the volume of the other audio sources or to avoid distortion.

⚠ WARNING

Read and follow the information and warnings regarding using external audio sources in the vehicle.

Playing an external Bluetooth audio source

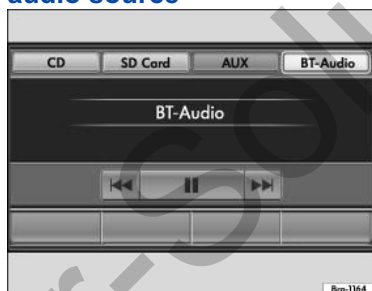


Fig. 18 MEDIA main menu in Bluetooth audio mode.

BT audio is only possible in vehicles equipped with a factory-installed cell phone preparation that supports this function. For information on operating the cell phone preparation, refer to your vehicle Owner's Manual booklet 3.1 "Controls and Equipment", chapter "Cell phone preparation".

Starting transmission of audio files using Bluetooth®

– Pair the external Bluetooth® audio source with the Bluetooth® interface in the cell phone preparation according to your vehicle Owner's Manual.

– Begin playing audio files on the Bluetooth® audio source.

One-time automatic BT audio activation

– Once the audio files begin playing, if a pop-up window opens asking if Bluetooth® audio should be activated, then "Bluetooth® audio" is currently deactivated in the *Media Settings* menu.

– If you confirm the request, the radio will switch to BT audio mode and audio files playing on the Bluetooth audio source will be played through the vehicle speakers.

– "Bluetooth® audio" is then activated in the *Media Settings* menu. **[BT AUDIO]** appears in the *MEDIA* main menu as an additional function key in the upper right of the screen .

Switching to BT audio manually

– If "Bluetooth® audio" was activated in the *Media Settings* menu, you must switch to BT audio mode manually in the future.

– Press the **[MEDIA]** function selection button to open the *MEDIA* main menu.

– Touch the **[BT AUDIO]** function key in the upper right of the screen to start BT audio mode.

The Bluetooth® audio source must support the A2DP Bluetooth protocol.

The Bluetooth® audio source **cannot** be controlled through the radio. The Bluetooth® source continues playing in the background if another audio source is selected on the radio. See the manufacturer's instructions on operating the Bluetooth® audio source.

⚠ WARNING

Read and follow the information and warnings regarding using external audio sources in the vehicle.

AUX-IN interface

Applies to vehicles: AUX-IN connector



Fig. 19 AUX-IN connector

AUX-IN connector


The AUX-IN connector is located in the glove compartment or in the center armrest or center console between the front seats, "Connecting an external audio source using the AUX-IN connector". The AUX-IN connector must also be activated in the *Media Settings* menu (function key:

[**Activate AUX input**]).

An external audio source connected to the AUX-IN connector simply plays through the radio and the vehicle speakers (display: "AUX") and it **cannot** be controlled through the radio.

Settings (SETUP)

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

- Press the SETUP function selection button to open the *Settings* main menu.
- Touch the area where you would like to change settings.
- Touch the  function key in the top line of the screen to return to the last menu selected.

Settings menu overview

Radio – change settings for the function of the arrow buttons in radio mode, the presets keys that are displayed, "Radio Setup".

Media - determine settings for playing and displaying MP3 files and activate or deactivate external connections, "Media Setup".

System – system settings such as changing the language, setting the clock and resetting the unit to settings used at time of delivery, "System Setup".

Display – adjust the brightness of the screen and activate or deactivate the touch screen tone when a button is pressed, "Display Setup".

Radio Setup

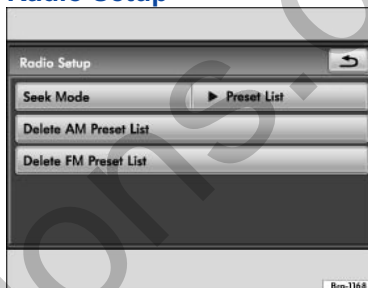


Fig. 20 Menu: Radio Settings

Press the SETUP function selection button and then the **[Radio]** function key to access the *Radio Settings* menu.

Determining station selection when using arrow buttons

- Touch the Seek Mode function key and then select Station List or Preset List .
- If Preset List is selected, the arrow buttons on the unit and the arrow keys in the screen will only switch to stored stations.

Deleting preset list

- Touch the appropriate function key in the *Radio Settings* menu and confirm the prompt asking if all of the stations stored should be deleted.



Media Setup

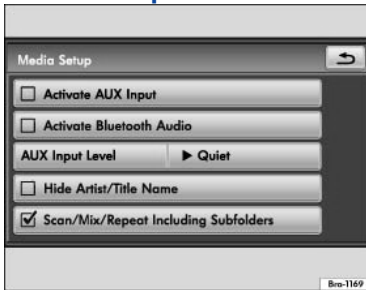


Fig. 21 Menu: Media Settings

Press the **SETUP** function selection button and then the **[Media]** function key to access the *Media Settings* menu.

– Touch the corresponding function key to activate the checkboxes in front of the entries. Touching again deactivates the checkbox .

Function keys in the Media Settings menu

[Activate Bluetooth Audio] If the checkbox is activated, you can switch to playback of audio files playing on a cell phone paired with Bluetooth® using the BT Audio function key in the *MEDIA* main menu.

[Hide Artist/Title Name] – the track, artist and album name or only the file will be displayed for audio CDs with CD text and in MP3 mode according to the settings.

[Scan/Mix/Repeat Including Subfolders] – if the checkbox is activated and one of the functions (scan, mix or repeat) is selected; all files from the current folder and subfolders will play in MP3 mode, depending on the settings. If the checkbox is deactivated, only files from the current folder will play, depending on the settings.

[Activate AUX Input] - if the checkbox is activated, you can switch to AUX-input in the *MEDIA* main menu. An external audio source connected there will play through the radio.

[AUX Input Level] – the AUX input level can be adapted to the volume level of the other audio sources in three levels. Touch the **[AUX Input Level]** function key and select the desired AUX input level from the pop-up window that opens.

Recommendations for adjusting AUX input levels

If a connected external audio source is playing too quietly, first increase the output level at the external audio source .

If that is not enough or the output level of the external audio source cannot be adjusted (for example, on a line out connection), select a higher AUX input level (**Medium** or **Loud**).

If a connected external audio source is playing too loudly or playback is distorted, first reduce the output level on the external audio source.

If that is not enough or the output level of the external audio source cannot be controlled, lower the AUX input level (**Medium** or **Quiet**).

Changes to the AUX input level have not effect on files that were too loud or distorted when they were recorded.

! Note

Before changing the AUX input level, lower the volume on the radio to avoid damage to the vehicle speakers from loud or distorted playback.

i Tips

If the external audio source is connected to the 12 Volt outlets in the vehicle, background noise may occur during playback with some adapters

System Setup

Press the **SETUP** function selection button and then the **System** function key to access the *System Settings* menu.

Changing the system language manually

– Touch the **[Language]** function key and then select the desired language in the pop-up window that opens. The system language is usually specified by the language set in the instrument cluster “**Language: Automatic**”. However, you can follow the instructions to select a different language for the radio, if desired.

Resetting the unit to factory settings

– Touch the **[Factory Settings]** function key.
– If you confirm the prompt, the unit will be reset to the settings at time of delivery and all stored data will be deleted.



Display Setup

The brightness of the screen adjusts automatically or it can be adjusted manually. The “button tone” (touch screen tone) can be switched on or off.

Press the **SETUP** function selection button and then the **[Display]** function key to access the *Screen Settings* menu.

Brightness– Touch the function key next to **[Brightness Level]** and select a setting in the pop-up window that opens.

[Touch Screen Tone].– Touch **On** or **Off** to switch the tone that confirms when a function key on the screen is pressed on or off.

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