

MP3

[TP] manual

OPAFM

[5]

1.9 MHz

MIX

TP



autoemotoc

Foreword

This Instruction Manual and its corresponding supplements should be read carefully to familiarise yourself with your vehicle.

Besides the regular care and maintenance of the vehicle, its correct handling will help preserve its value.

For safety reasons, note the information concerning accessories, modifications and part replacements.

If selling the vehicle, give all of the on-board documentation to the new owner, as it should be kept with the vehicle.

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General information

This manual contains information, recommendations, advice and warnings related to your radio system. The other publications in the vehicle documentation contain further information of which you should be aware for your own safety and for that of your passengers.

Ensure that the on-board documentation is kept in the vehicle at all times. This is especially important when lending or selling the vehicle to another person.

This manual contains a description of the Radio **equipment** supplied at the time of going to press. Some of the units described herein will not be available until a later date or is only available in certain markets.

The **illustrations** are intended as a general guide and may vary from the equipment fitted in your vehicle in some details.

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

The equipment marked with an asterisk* is only supplied as standard in certain model versions, is optional in others or is only available in specific countries.

- Ⓢ Registered trademarks are marked Ⓢ. The absence of this symbol does not constitute a waiver of the rights concerning any proprietary name.
- ▶ The section is continued on the following page.
- Marks the **end of a section**.



WARNING

Texts preceded by this symbol contain information on safety. They warn you about possible dangers of accident or injury.



Caution

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



For the sake of the environment

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



Note

Texts preceded by this symbol contain additional information. ■

Introduction

Important Information. Traffic safety

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

Only operate the radio and its various functions when the traffic situation really permits this.



WARNING

- Before starting the trip, you should familiarise yourself with the different radio functions.
- High audio volume may represent a danger to you and to others.
- Adjust the volume in a way that you can distinguish surrounding noise, for example, horns and sirens, etc.
- Radio settings should be made when the car is stopped or by a passenger. ■

Remember

Important information concerning the handling of your radio equipment

Use when driving

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

Thanks to their many sophisticated features, modern radio equipments provide a great variety of entertainment forms and a range of information on traffic and road conditions, etc.

However, the radio, with all its possibilities, should only be used if traffic conditions really allow it.

For example, changing CDs or reading song titles while driving may easily lead to dangerous situations.

The radio volume should be set so that acoustic signals from outside can also be heard at all times.



WARNING

Please keep your attention on driving as a priority! ■

Soft-Clipping Function

The radio has an automatic volume reduction system to avoid distortion and possible damage to the radio and speakers.

The majority of the time, this adjustment is made when the volume indicator is not visible (normal screen for the selected source) and the change is not noticeable.

Remember that if this protection is activated when the temporary volume indicator is visible, it will appear to be a reduction of the volume selected by the user. ■

Protection against overloading

In the event of high temperatures and/or large volumes, the protection circuit may react.

During this phase, to discharge the amplifiers, the final stages of the speakers are disconnected. ■

Volume in reverse

In vehicles equipped with a parking distance warning system, the volume of the current audio source is automatically lowered when reverse gear is engaged.

This volume can be changed while reverse is engaged.

If the volume is not modified, when reverse is disengaged the previous volume setting is restored. ▶

If the volume is modified, when reverse gear is disengaged the audio source will stay at the set volume and, as long as the maximum volume is not exceeded, it will be memorised for the next time reverse gear is engaged. ■

Important notes for radio reception

Alternative Frequency selection (AF)

This function is only available on FM.

Some RDS programmes can be broadcast by various stations with different frequencies.

If function is ON, available alternative frequency searches for the selected radio stations are done.

Your radio automatically (and quietly) chooses the strongest signal for the selected station.

If you are driving through an area with bad coverage, each automatic re-tune will result in short breaks or slight changes in volume in the audio source.

Signal reflected

When driving in built-up or mountainous areas, the signal may be affected. Interference is normal and is not a fault in the radio. ■

Using your CD player

- Do not insert credit cards, coins or other objects inside the CD unit.

- Do not insert irregular-shaped discs, discs with anti-scratch protection or discs with labels attached inside the unit.
- Do not insert DVDs, Dual-Disc, DVD+, Flip Disc as these contain large quantities of information and can not be read.
- Only use standard 12 cm diameter CDs.
- Some anti-copy CDs cannot be played in the unit.
- Store discs in their cases when not in use.
- Insert the CD into the unit until the mechanism automatically pulls it.
- Insert CD with the printed side facing upwards and at the correct angle into the front opening of the radio.
- Do not try to insert a CD when there is already a CD in the unit.
- The radio is fitted with a disconnection protective device and when the temperature of the CD unit is too high, the radio switches to the last selected source.
- The playing time of files recorded with a variable bit rate may not be accurate ■

Tips when handling CDs

- Hold the CD by the edge or by the edges and through the central hole. Figure prints and scratches reduce sound quality. ▶

- CDs left in direct sunlight or very high temperatures may be damaged or may block the CD player.
- Normally CD-R/CD-RW discs have an operating temperature of -5 to 55 °C. Please, see the manufacturer specifications for the CD. ■

Important for care

- Do not use fluids such as benzene or solvents to clean CDs as these may scratch the surface of the disc.
- Use soft non-fray cloths and clean in straight lines from the centre to the outer edge. If dirt is very incrustated, use commercial CD cleaners and check manufacturer information.
- CDs recorded using Windows Vista in UDF format can not normally be played. The ISO-9660 format should be used. ■

Tips for handling your CD-ROM

- Depending on the quality of the medium and the characteristics of the recording some CDs may not be read. This is normal and is not a sign of malfunction.
- Each burning session on a CD-R or CD-RW must be closed.
- Compatibility with the International Standard for CD-DA (Digital Audio) discs is guaranteed.
- Copyright laws must be observed when making copies.

- The playing of CD-RW discs is not guaranteed.
- The following formats of file types/audio can not be played:
 - MP3 files without extension “mp3”
 - Audio files simply renamed as “mp3”
 - Other different formats of MP3 (e.g. WMA)
 - Play lists
 - New formats

We recommend

- Recordable CDs with a maximum of 74 minutes playing time in accordance with ISO-9660 level 1 or 2.
- Generate MP3 files with a maximum bit rate of 320 kbps
- Avoid using hybrid CDs (MP3 files and other file types)
- Do not generate discs with more than 8 levels of sub-folder.
- Shorten the names of MP3 files to 64 characters and names of artists, album and songs to 32 characters. ■

Brief instructions

General overview

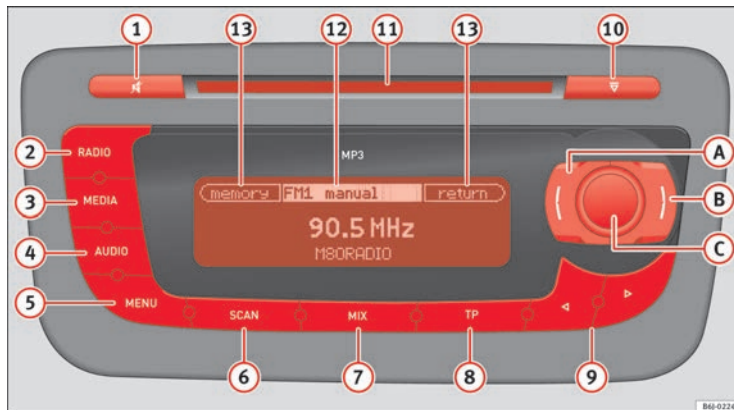


Fig. 1 Overview.

1 Pause ¹⁾

- When the pause function is on, the audio from the current source is interrupted until the function is switched off. To activate the function briefly press button **1** ⇒ fig. 1. The loudspeaker symbol on the display appears with a line through it. To deactivate the function briefly press button **1** or turn button **C** to increase the volume.

¹⁾ According to version

1 On / off ¹⁾

- **Switching on/off:** The radio is switched on and off by pushing the knob once.

2 RADIO Button

- This allows you to select AM or FM wavelengths. ▶

3 MEDIA Button

- This selects CD or external audio source (where available)

4 AUDIO Button

- This permits the selection of a sound property (treble, mid, bass) and volume distribution (balance, fader). The settings can also be adjusted using the rotary knob **C**.

5 MENU Button

- This allows certain functions depending on the operating mode to be adjusted using the rotary knob **C** ⇒ page 11.

6 SCAN Button

- This plays the radio stations in radio mode or songs in CD/external audio source mode for a set time.

7 MIX Button

- This enables songs in CD/external audio source mode to be played in random order.

8 TP Button (TRAFFIC PROGRAMME)

- It allows to activate or deactivate the traffic reports, interrupting the reproduction of other sources, if necessary.

9 Buttons ◀, ▶

- Radio: Press the button briefly to search for a station .
- CD: Press briefly for track selection; press and hold if you wish to hear fast forward or reverse within a track .

10 EJECT Button ▾. **CD eject button**

- The CD is ejected from the player.

11 Slot for inserting CD

- Push the audio CD with the printed side facing up into the CD slot to the point where it is automatically pulled in.

12 Display

- All information on the current operating status as well as the current allocation of the multi-function keys **A** and **B** is displayed.

13 Functions allocated to multi-function buttons.

- Variable functions allocated to multi-function buttons **A** and **B**.

A B Multi-function buttons

- The function of these keys depends on the operating mode. The current multi-function key assignment is shown on the display.

C Rotary knob

- **Switching on²⁾**: Press once to switch the radio unit on.
- **Switching off²⁾**: Press the rotary knob until the unit switches off. Switching off is only possible in the main screen of any of the audio sources (e.g. it cannot be switched off when the radio displays one of the menus).
- **Volume settings**: Turn the knob to the right to increase the volume and to the left to lower the volume.
- **Pressing button outside the selection menu²⁾**: Alternatively, the radio can be switched on/off to mute.
- **Selection menus**: Turn the button to the right to go forwards in a clockwise direction in the menu or to go to the next song in CD /external audio source mode. Turn the button to the left to go forwards in anti-clockwise direction in the menu or to go to the previous song in CD /external audio source mode. Press the button to confirm or select the option which is lit.

²⁾ According to version

Settings

AUDIO Menu

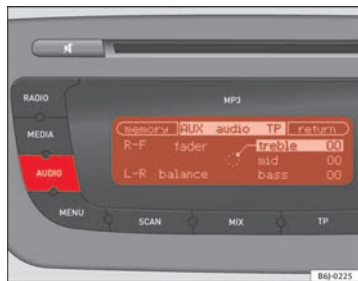


Fig. 2 Audio Menu

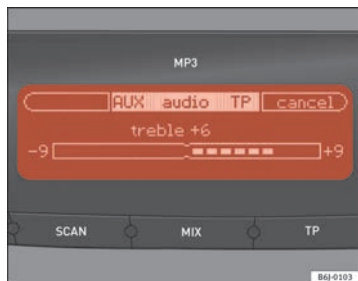


Fig. 3 Selector bar for one of the settings

From the Audio Menu, the following settings can be made:

treble Treble settings

mid Mid settings

bass Bass settings

and the volume distribution:

balance Balance between left and right channels

fader Fade between front and rear channels³⁾

To select the desired setting:

- Press the function key **Audio**.
- Turn button **(C)** to select the setting.
- Press button **(C)** to access setting change display.
- Turn button **(C)** to change the setting.

The change of the setting will be shown in a bar on the display.

To activate the desired setting:

- Press the rotary knob to confirm the new value.

To cancel the setting:

- Press the **cancel** button.

This takes you back to Menu.

To return to the main screen of the selected source, press the **RETURN** button. ■

³⁾ Only if rear loudspeakers are fitted.

Sound setting memory

Storing settings

- Perform settings as described above. While still in the Audio menu, press the **memory** button.
- Turn the rotary knob **C** to select one of the memory positions. Keep the rotary knob pressed down for two seconds to store the new settings.

Call-up of stored settings

- Press the function key **audio**
- Press the **memory** button
- Turn the rotary knob **C** to select the required memory position.
- Press button **C** to confirm the new curve.
- To return to the Audio settings display, press the **return** button.

Call-up of mid settings

- Press the function key **audio**
- Press the **memory** button
- Turn button **C** to select the linear curve.
- Press button **C** to confirm the linear curve.
- Press the **return** button to return to the audio settings display.

MENU function

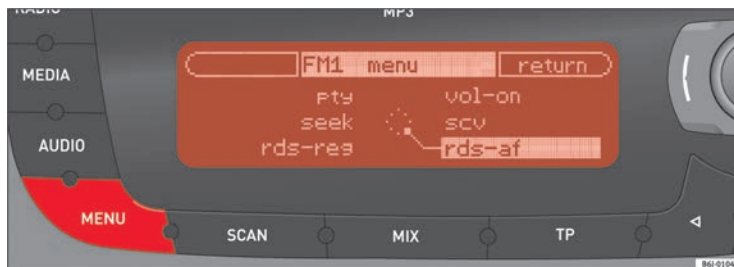


Fig. 4 Menu Function

To make handling easier, the radio has a Menu function which allows you to programme a series of settings which are required only very occasionally.

Adjustment

- Press the function key **(menu)**
- Turn button **(C)** to select the setting.
- Press button **(C)** to access setting change display.
- Turn button **(C)** to change the setting.

To activate the desired setting:

Press the rotary knob **(C)** to confirm the new value.

To cancel the setting:

Press the **(cancel)** button.

This takes you back to Menu.

To return to the main screen of the selected source, press the **(return)** button ■

Possible functions in the Menu

The functions depend on which source you are in.

In all sources

Volume Limitation on switching on (vol-on)

When setting the selected volume is heard.

Setting range: 6.....15



“vol-on 12” Volume limited to 12 (for example).

The volume is only limited when the car radio is switched on and the setting in the selection was higher when it was turned off.

Speed-dependent volume adjustment control (scv)

The SCV will automatically adjust the volume to suit the speed of the vehicle.

Setting range: Off, 1.....7

“scv off” scv off, this means the volume does not increase automatically.

Additional functions in FM mode

Connection/disconnection alternative frequencies (rds-af)

“rds-af-on” This enables the radio to change frequency automatically in order to keep broadcasting the station to which you have tuned in.

“rds-af-off” This prevents the radio from automatically changing frequency.

For further details on when to activate/deactivate this function, please see “Important notes for radio reception”



Automatic change of regional programme (rds-reg)

When the car radio receives various regional stations in RDS mode, it may switch between different regional programmes.

“reg on” This changes to regional programming.

“reg off” Does not change to other regional programme.

Station search mode (seek)

Select the station search mode by pressing buttons  and  and the “thumbwheel” on the steering column.

“programme id” The search is performed in ascending or descending order within a specific group of stations. For example: RNE 1, RNE-CLAS, RNE 3, RADIO 4. On completion of one group, the radio searches for the stations in the next group.⁴⁾



⁴⁾ The search is not made in alphabetical order.

“frequency” The search is made up or down within the frequency range.

Selection of programmes of a certain type (pty)

This allows you to select the type of programme desired, where the stations offer the PTY service in the FM ranges.

If the user decides to listen to the selected station, the search is stopped and the details of the station are displayed.

To search for the next station, press the search buttons   within 30 seconds.

If no station is found with the selected programme type, the PTY function is deactivated and the radio returns to the last selected station.

Sorts of programme:

“info”: news, current affairs, weather and financial news.

“sport”: sports.

“culture”: education, drama, culture, science, social information, religion and documentaries.

“music”: pop, rock, jazz, country, folk and light music.

“other”: children's programmes, travel, entertainment and miscellaneous.

Additional functions in AUX and iPod mode

Volume adjustment in auxiliary input

This allows the volume between the internal audio sources and the external device connected to be adjusted.

“Level I” small increase

“Level II” medium increase

“Level III” large increase

This adjustment serves no purpose in USB mode as it only affects the modes where the audio signal enters via the Jack connector. (See “AUX mode” and “USB/iPod mode” sections).

Adjusting the output volume (AUX/MDI VOLUME LEVEL)

If you need to increase the output volume for the external audio source, first lower the base volume on the radio system ⇒ page 27.

If the sound from the external audio source is **too low**, if possible, increase the **output volume** on the external audio source. If this is not sufficient, set the **input volume (AUX VOL LEVEL)** in the unit settings to **level 2** or **level 3**.

If the sound from the connected external audio source is **too loud or distorted**, if possible, lower the **output volume** on the external audio source. If this is not sufficient, set **AUX VOL LEVEL** to **level 2** or **level 1**.



Note

This search filter remains on as long as the programme type is selected on the lower line of the display, and cannot be switched off manually. ■

Radio mode

Search functions

Radio stations can be selected manually or an automatic search can be carried out.

Automatic station search

To automatically search for stations on the same wavelength, press <◀▶>.

The station search mode is determined by the setting of the “seek” function in the menu ⇒ page 14.

Manual station search

- Press the **manual** button.
- Press the function keys <◀▶>.
- Press the **return** button to return to automatic search mode.

SCAN function

When the SCAN function is active, all stations with a good reception will be played for 5 seconds each. To select a station, stop the SCAN function whilst the required station is being played.

You start and stop the SCAN function by briefly pressing the function key SCAN.

If the tuned station is already stored, the corresponding pre-tuning button number will be displayed. ■

Selecting wavelength and memory bank

- Press the function key **radio**

- Turn button **C** to select the wavelength (FM or AM) and the required memory bank (2 FM banks and 2 AM banks).



Note

If the equipment is not in radio mode (e.g. it is in CD mode) on pressing the RADIO button, the radio tunes into the last selected station (where available), irrespective of whether it is on FM or AM. ■

Selecting preset stations

- Press the **memory** button
- Turn button **C** to select the frequency or name of the required station.
- Press button **C** to confirm the selection. ■

Storing preset stations

- Press button **A** **memory**.
- Turn the button to select the position you want to store the currently selected radio station.
- Hold **C** button pressed down for 2 seconds to start storing. ■

Storing all preset stations of one waveband (auto-store function)

- Press the **memory** button
- Press the **as** button ■

Switching to traffic reports (TP function)*

Function valid according to version



Fig. 5 Traffic reports

When the TP (receive traffic reports) function is on, the car radio is able to receive traffic reports in any operating mode (except on AM waveband).

Switching on the TP function

When the TP key is pressed, the display reads:

Traffic messages are reproduced at a set minimum volume. After the traffic programme, the radio returns to the previously selected station at the adjusted volume you had.

While a traffic report is being broadcast, you can adjust the volume using the pushbutton **C**.

Switching off the TP function

If the TP button is pressed while a traffic report is being broadcast, this traffic report is switched off.

If the TP button is pressed when there is no traffic report, the function is switched off. ■

CD mode

CD mode

Inserting a CD

Push the audio CD with the printed side facing up into the CD slot until it is automatically pulled in.

After inserting a CD, while the equipment is reading and recognising the structure of the CD, "cd loading" is shown on the display and it is not possible to activate any functions. The play function will start automatically.

CD eject button



Press the  button to eject the CD.



Note


- An error message will appear on the display if there is no CD in the CD player, or if the inserted CD cannot be read.
- You might not be able to play CDs with copy protection or CD-Rs and CD-RWs. ■

Selecting CD mode

- Press the  button.
- Turn button  to select CD mode.



Note

If you are not in CD mode (e.g. in FM) when the  button is pressed, the last selected mode will start to play (where available). ■

Selecting CD tracks

Selecting CD tracks

Press <|> or <|> to rewind or fast forward CD tracks. The number of selected track will be shown on the display.

For audio CDs with additional information (CD text) the title of the album, the track name and the artist will be displayed ⇒ page 21.

For CD in MP3 format, the title of the album, the track name, the artist, the file name and the folder name are displayed ⇒ page 21.

SCAN function

When the SCAN function is switched on, 10 seconds of each track are played.

For an audio CD or an audio CD with additional information (CD text) the SCAN function is activated by briefly pressing the SCAN button.

For a CD in MP3 format there are two types of SCAN:

- SCAN FOLDER: This plays 10 seconds of each track in the current folder. You start the SCAN function by briefly pressing the function key SCAN.
- SCAN ALL: This plays 10 seconds of the first track in each of the CD folders. You start the SCAN function by pressing the function key SCAN for 2 seconds. ▶

When the function is on, it is possible to switch between the two operating modes by pressing the SCAN function key for 2 seconds.

To select a track, stop the SCAN function whilst the track is being played. You stop the SCAN function by briefly pressing the function key SCAN.

BROWSE function

The BROWSE function allows you to search the contents of the CD to go directly to a track.

The function is activated by briefly pressing **B** BROWSE.

For an audio CD the list of tracks is only given with a generic name ("track 1", "track 2",...)

For an audio CD with additional information (CD text) the track titles are shown.

For a CD in MP3 format, when the function is activated the track titles of the current folder are displayed first.

To go to the list of folders, briefly press button **A** or turn button **C** to the last position on the list.

In all the above cases, the track and/or folder is selected using button **C**. ■

Searching through individual tracks

Fast forward / rewind

To search through individual tracks with the fast forward and rewind function, press and hold **>** (fast forward) or **<** (rewind) until you have reached the required position. ■

Random play function

All tracks on a CD will be played in random order if the MIX function is active.

For an audio CD or an audio CD with additional information (CD text) the MIX function is activated by briefly pressing the MIX button.

For a CD in MP3 format there are two types of MIX:

MIX FOLDER: All tracks in the current folder are played in random order. You start the MIX function by briefly pressing the function key MIX.

MIX ALL: All tracks on the CD are played in random order. Folders may be changed after playing several songs from the same folder. You start the MIX function by pressing the function key MIX for 2 seconds.

You stop the MIX function by briefly pressing the function key MIX. ■

PAUSE Function

When the pause function is on, the CD stops playing until the function is switched off.

Activation of the function depends on the version:

Versions with on/off function **⏻ on the upper left button.**

To switch the function on, press button **C** briefly. The loudspeaker symbol on the display appears with a line through it.

To switch the function off, press or turn button **C** briefly.

Versions with pause function **⏸ on the upper left button.**

⇒ page 9. ■

INFO function

Display information (artist, track name, ...) if available on CD.

For audio CDs with additional information (CD text) the title of the album, the track name and the artist will be displayed.

For MP3 format CDs the information from the ID3 field will be displayed (Album title, track name and artist).

The function is switched on by pressing the key **INFO**. This button is only available when the information has been correctly read by the CD unit.

If the length of the information is greater than the display capacity, the display scrolls once the text to the left. ■

MP3 mode

What are MP3 files?

MP3 (MPEG 1 Audio Layer-3) is a standardised technology and format for the compression of sound sequences. The sound file is compressed to about 1/10th of its original size. Sounds that are out of the human hearing range are excluded while those that are within the range are compressed. ■

Accepted recording formats

It is possible to play MP3 files recorded on CD-ROMs, CD-Rs and CD-RWs.

The unit accepts MP3 discs that have been formatted using the ISO 9660 standard level 1 or 2. The unit can also play discs recorded using the Romeo or Joliet standard.

The unit will not play CDs recorded using “Packet Writing” (UDF or Direct CD formats) whether this has been used on the entire disc or within a session. In this case the display will display an error message and will eject the CD.

ISO 9660 format

This is the most common of international standards for the format logic of files and folders on a CD-ROM.

There are different levels of specification. For level 1, the names must be in 8.3 format (8 characters maximum for the name of the file + 3 characters for the extension “.MP3”). Folder names cannot be more than 8 letters long. On the contrary, Level 2 specifications allow up to 31 characters.

Multi-session CDs

This method of recording means that information may later be added to the CD (while there is enough space remaining and the CD is not closed). The information on each recorded CD is contained within an area marked by two data labels called “Lead-in” for the beginning of the session and “Lead-out” for the end. A multi-session CD will allow for multiple segments that contain their own “Lead-in” and “Lead-out”. ■

Information from the ID3 data field

The ID3 data of an MP3 file contains information on the Artist, Album and the name of the track.

This unit can display the information from the ID3 data field, versions 1 and 2, to a maximum of 60 characters in total.



Note

- When an MP3 disc is being played it is possible that some songs may not play or may be played incorrectly. This may be due to the configuration of the disc, the software or the hardware used for the recording.
- Audio CDs (CD-DA) meet the specifications and carry their corresponding symbol. Those CDs with copyright protection do not meet these specifications and do not bear the corresponding symbol; for this reason there may be errors in reading this type of disc.
- For MP3 CDs, the MP3 data rate should oscillate between 8 and 320 Kb/sec. ▶

- It is possible to read multi-session discs but if the data has been recorded in both formats (CD-DA and MP3), regardless of the order, only the audio tracks will be played.
- With other formats that are not ISO 9660 Level 1 or 2, the names of the files and folders may not be displayed correctly.
- When naming an MP3 file make sure the extension is correct. Writing “.MP3” for a non-MP3 file means that the file will not be recognised and may play annoying noises.
- It is not possible to play MP3 files that are deeper than the first 8 folder levels. To speed up the reading and searching, only two levels of folders are recommended.
- The following types of disc will take some time to begin playing: a disc recorded with many levels of subfolders; a disc recorded with multisession; a disc to which information may be added (Disc not closed).
- It will not be possible to play an audio CD (CD-R/CD-RW) that has not been closed. ■

Structure of folders and files

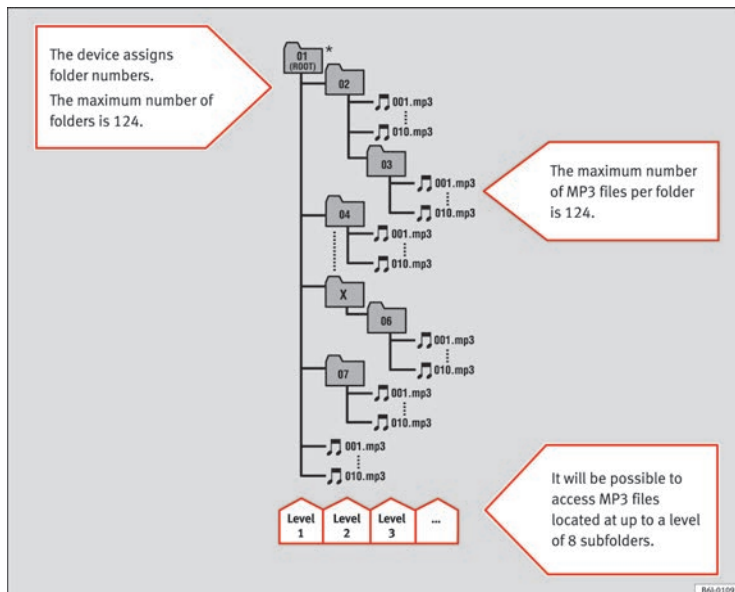


Fig. 6 Structure of folders and files

AUX* Mode

AUX-IN* connection

For ALTEA, ALTEA XL, ALTEA FREETRACK, LEON models.



Fig. 7 Aux-in connection for Altea-Altea XL-Altea Freetrack

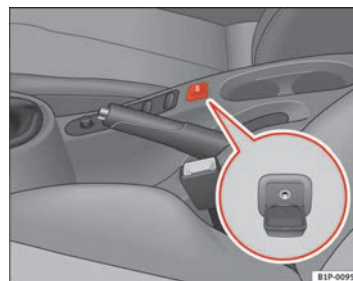


Fig. 8 Aux-in connection for Leon model

AUX-IN* connection

For IBIZA models.



Fig. 9 AUX-IN connection in Ibiza models.

AUX-IN* Operation

Only where the vehicle is fitted with auxiliary input. Depending on the equipment of your vehicle, there are two types of connection.

AUX-IN* connection

A JACK⁵⁾ audio adaptor is required.

Connect the portable audio player (MP3, Walkman, CD, etc.) to the AUX-IN connector, ensuring that the jack fits perfectly. The handling of folders, songs, etc. is done from the connected device.

⁵⁾ The cable is not supplied.

To listen to the audio from the portable device, press the MEDIA button on the radio.

The USB connection takes priority over AUX-IN inputs. A device connected to the AUX-IN input can only be heard when there is no other device connected to the USB port ⇒ page 28.

The audio source of the devices connected in the MEDIA-IN device ⇒ page 28 (USB as AUX-IN) takes priority over those connected in the RSE. Where both options are available, make sure that there is nothing connected in the MEDIA-IN* connections when you wish to listen to the audio source of the RSE in the car. (See Rear Seat Entertainment manual).

Note

Keep in mind that if you change temporarily to a different source without stopping the play on the portable device, when you go back to the auxiliary source using the menu displayed with the **MEDIA** button, it will not continue to play at the point where you left off. ■

Auxiliary input volume

This volume is independent of the car radio volume and is used to adjust the difference in volume between the different external and internal Audio sources.

Depending on the connection type of the auxiliary input, the volume can be adjusted using button **B** (AUVOL) or option "aux vol" in the menu. Three different amplification levels can be selected by turning button **C**.

This adjustment serves no purpose in USB mode as it only affects the modes where the audio signal enters via the Jack connector. ■

MEDIA-IN* mode

MEDIA-IN* connection

For ALTEA, ALTEA XL, ALTEA FREETRACK, LEON models.

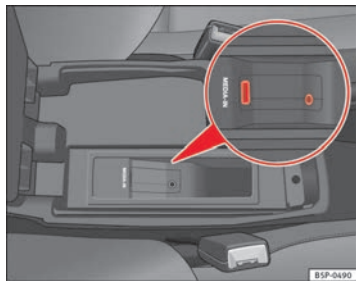


Fig. 10 MEDIA-IN connection in ALTEA, ALTEA XL, ALTEA FREETRACK



Fig. 11 MEDIA-IN connection in LEON.

MEDIA-IN* connection

For IBIZA models.



Fig. 12 MEDIA-IN connection in IBIZA models.

USB/iPod® from Apple*

The MEDIA-IN interface offers the user a USB connector and an AUX connector.

This operation mode permits any of the following elements to be connected:

- USB mode: A storage device with USB connection. The connection is directly done into the USB port.
- iPod® mode: To connect an iPod device, an adapter cable or device is required (SEAT brand), depending on the vehicle. This cable/device is

connected to the iPod at one end and has USB and audio JACK⁶⁾ connections at the other end.

- Auxiliary connection mode: A portable audio player device (MP3, Walkman, CD, etc...). Connection is through a JACK-JACK audio adapter⁶⁾ ⇒ page 25.

Insert a device in the MEDIA-IN* connections

Insert the necessary connectors in the USB/ auxiliary/ iPod® connections, depending on the equipment to be connected (USB, iPod®, MP3, Walkman, etc...), making sure that the pins are correctly connected.

A USB or iPod® device is controlled through the radio controls.

A portable device with audio output is directly controlled from the equipment connected.

Selecting the source connected

- Briefly press the button **MEDIA** to go to the last used source and a second time to access the media selection menu.
- Turn button **C** to select the required option.
- Press button **C** to confirm the selection.



Note

- iPod® is a registered trademark of Apple Computer, Inc.
- If you are not in USB/iPod® mode (e.g. in FM) when the **MEDIA** button is pressed, the last selected source will start to play (where available).
- Consult the list of compatible devices with your Authorised Service. ■

⁶⁾ The cable is not supplied.

Selecting tracks from the USB/iPod®

Selecting tracks from the USB/iPod®

Press < or > to rewind or fast forward USB/iPod® tracks. The number of selected track will be shown on the display.

For audio files with additional information (ID3) the title of the album, the track name and the artist can also be displayed. See INFO function.

SCAN function

When the SCAN function is switched on, each track on the USB/iPod® is played for 10 seconds.

There are two types of SCAN:

SCAN FOLDER: This plays 10 seconds of each track in the current folder. You start the SCAN function by briefly pressing the function key SCAN.

SCAN ALL: This plays 10 seconds of all the tracks on the USB/iPod®. You start the SCAN function by pressing the function key SCAN for 2 seconds.

To select a track, stop the SCAN function whilst the track is being played. You stop the SCAN function by briefly pressing the function key SCAN.

BROWSE function

The BROWSE function allows you to search the contents of a USB/iPod® to go directly to a track.

The function is activated by briefly pressing **(B)** "Browse".

The tracks and folders in the folder currently playing are displayed indistinctly.

To go to the folders in a higher level, press button **(A)** or turn button **(C)** to the last position on the list.

In all the above cases, the track and/or folder is selected using button **(C)**. ■

Searching through individual tracks

Fast forward / rewind

To search through individual tracks with the fast forward and rewind function, press and hold > (fast forward) or < (rewind) until you have reached the required position. ■

Random play function

All tracks on a USB/iPod® will be played in random order if the MIX function is active.

There are two types of MIX:

MIX FOLDER: All tracks in the current folder are played in random order. You start the MIX function by briefly pressing the function key MIX.

MIX ALL: All tracks on the USB/iPod® are played in random order. Folders may be changed after playing several tracks from the same folder. You start the MIX ALL function by pressing the function key MIX for 2 seconds.

When the function is on, it is possible to switch between the two operating modes by pressing the MIX function key for 2 seconds.

You stop the MIX function by briefly pressing the function key MIX. ■

PAUSE Function

When the pause function is on, the USB/iPod® stops playing until the function is switched off. ▶

To switch the function on, press button **C** briefly. The loudspeaker symbol on the display appears with a line through it.

To switch the function off, press or turn button **C** briefly. ■

INFO Function

Display information (artist, track name, ...) if available on the ID3.

The function is switched on using the key **A** "info". This button is only available when the information has been correctly read by the device.

If the length of the information is greater than the display capacity, the display scrolls once the text to the left.

Additional instructions

Additional instructions for the mass storage device (MSD):

- Only external data devices or USB mass storage devices complying with the USB 2.0 specification can be used.
- Partition of an external data device shall be in accordance with the file system, FAT16 (< 2 GB) or FAT32 (> 2 GB) (FAT: File Allocation Table).
- MTP (Media Transfer Protocol) players, recognised by the commercial name "PlaysForSure" or "ReadyForVista", are highly sensitive to factors including the battery charge and the volume of data in the MEDIA-IN multi-media interface requests. It may take several minutes before an MTP player is ready to play.
- When playing large capacity hard discs with several files and a complex data structure (several folders and subfolders, non-playable files, etc.) it may take some time to read the audio files. The reaction time may also be influenced by the connected device.
- The structure of the folders in the external data device shall not exceed a depth of eight folder levels. A folder should not contain more than 1,000 entries.

- The use of USB cable extensions and USB hubs may cause operating errors.
- If an external data device is divided into various partitions, only the first partition with compatible audio files will be played.
- Memory card adapters can not be used, their use may cause operating errors.
- If an MP3 player is updated via the manufacturer (firmware update) this may lead to operating errors.
- An external data device should be connected first or select the corresponding data mode.
- Compatible formats include: MP3, WMA, OGG-Vorbis, AAC.
- Please refer to the respective manufacturer's manual for instructions on the operation of the external data medium.

Compatible file formats

The use of file formats which can be played on this equipment is the same as for compressed audio files in MP3 format and will not be explained further in this manual.

- The radio and navigation equipment can be used to play and control audio files in MP3, WMA, OGG Vorbis and AAC format from an external data device.
- Playlists in PLS, B4S, ASX and WPL format are compatible.
- WMA (Windows Media Audio) audio files can only be played if they are not protected by authors' rights with the DRM (Digital Rights Management) system.
- Generally, files with anti-copy protection can not be played (e.g. M4P).
- Files in 3GP format and "WMA lossless" file types can not be played. Check there are no MP3 files stored in the playlist. A playlist only defines a certain order of play. If a playlist is not played, check whether the "route data" is correct, that is, whether the MP3 files are stored in the data device to which the playlist refers. ▶

**WARNING**

- The connected audio devices must be protected from possible mechanical damage and other kind of wear.
- We do not hold responsible for any possible damage on the connected devices.
- The connection of USB devices is sensitive to interference from mobile telephones. Mobile telephones should not be left next to the USB when this is connected, to prevent distortion.
- The connected audio devices must be protected from possible mechanical damage and other kind of wear.
- Objects which are not secured in the vehicle compartment may interfere with driving and could result in serious injury.
- The external data device should never be left on the dash panel. A sharp manoeuvre can throw the device towards the compartment and injure the vehicle passengers.
- The external data device should never be mounted in the vicinity of the airbag. If an airbag is activated it can project the device towards the compartment and injure the vehicle passengers.
- The external data device must not be held in hand or on the legs while driving. A sharp manoeuvre can throw the device towards the compartment and injure the vehicle passengers.
- Place the external data device cables so that they are not in the way while driving.

**Note**

Some vehicles with the MEDIA-IN multimedia interface mounted on the centre armrest are also equipped with an additional compartment. The rubber insert of this compartment can be removed in order to extract small objects which may have fallen inside. ■

Important information concerning the CD reader

Precautionary measures for the use of laser equipment

Laser devices are classified by DIN IEC 76 (CO) 6/ VDE 0837 into safety classes 1 to 4.

The SEAT CD player corresponds to safety class 1.

The lasers used in these units are low energy lasers, or are shielded in such a manner that they present no danger when used correctly.

Do not remove the cover of the unit. It does not have any parts which can be serviced by the user. ■

Tips for CD mode

To ensure perfect, high-quality CD reproduction, only clean, undamaged CDs should be used.

Please do not stick any labels onto the CDs.

Compact discs not being used should always be stored in the CD rack (you can find one, for example, in the SEAT Genuine accessories Catalogue) or in their original case.

Never expose CDs to direct sunlight!



Caution

Use only standard 12 cm CDs. Special “shape CDs” or 8 cm “singles” cannot be played because they may damage the CD player. ■

Tips on cleaning CDs

Use a soft, lint-free cloth to clean CDs. Clean discs in a straight line from the centre outwards. If they are very dirty use a conventional CD cleaner or isopropyl alcohol.



WARNING

Never use fluids such as petrol, paint thinner or record cleaner, as these can damage the CD surface! ■

Technical specifications

Technical specifications

- Output power 4 x 20 W RMS.
- Input for telephone mute.
- Security lock (without code card for the customer).
- Frequency range: FM (2 bands), AM (2 medium wave bands).
- Traffic Programme (TP).
- Searching for stations by type of programme (PTY).
- EON (similar to TP for radio stations).
- SCV (speed-dependent volume adjustment).
- Audio memories (5 equalisers: bass, mid, treb, fader, balance and one lineal).
- System Programme (possibility to adjust various functions explained in this manual). ■

Care and maintenance

Warranty

The design of this car radio guarantees maintenance-free operation for a long period. Should you encounter a problem, please contact your SEAT Authorised Service.

Cleaning the radio

To clean the radio, use a soft damp cloth. For more resistant dirt, a neutral soap solution may be used.

Warranty

The same warranty conditions apply for our car radio systems as apply for new vehicles.

Notes

A warranty claim may not be made if the damage has been caused by incorrect use of the system or by repairs not carried out by a qualified technician. In addition, there should be no external damage. ■

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