CD radio, CD radio with Bluetooth®

Supplement

Mercedes-Benz

Symbols

⚠ WARNING

Warning notes make you aware of dangers which could pose a threat to your health or life, or to the health and life of others.

Environmental note

Environmental notes provide you with information on environmentally aware actions or disposal.

! Notes on material damage alert you to dangers that could lead to damage to your vehicle.

i These symbols indicate useful instructions or further information that could be helpful to you.

▶ This symbol designates an instruction you must follow.

▶ Several consecutive symbols indicate an instruction with several steps.

(▷ page) This symbol tells you where you can find further information on a topic.

▷ ▷ This symbol indicates a warning or an instruction that is continued on the next page.

`Display` This text indicates a message on the display.

Welcome to the world of Mercedes-Benz

First of all, familiarise yourself with your CD radio. Before you drive off, read this Supplement, especially the safety and warning notices. This will help you to obtain the maximum pleasure from your CD radio and avoid endangering yourself and others.

The functions and equipment of your CD radio may differ depending on:

- model
- order
- country specification

Mercedes-Benz is constantly updating its systems to the state of the art.

Mercedes-Benz therefore reserves the right to introduce changes in:

- design
- equipment
- technical features

Therefore, the descriptions provided may occasionally differ from your device.

Please consult a Mercedes-Benz Service Centre if you have any questions.

The manual and all Supplements are integral parts of the vehicle. You should always keep them in the vehicle and pass them on to the new owner if you sell the vehicle.

The technical documentation team at Daimler AG wishes you safe and pleasant motoring.

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Operating safety

Important safety notes

⚠ WARNING

Operating the integrated information systems and communications equipment in the vehicle while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Only operate these devices if road traffic conditions permit. If you are unsure about the surrounding conditions, pull over to a safe location and make entries only while the vehicle is stationary.

Observe the legal requirements for the country you are currently in.

Bear in mind that, at a speed of only 50 km/h, your vehicle is covering a distance of nearly 14 m per second.

When using the device please follow:

- the safety notes in these operating instructions
- traffic laws and regulations
- laws pertaining to motor vehicles and safety standards

ⓘ Improper work on electronic components or other systems (such as the radio and disc slot) and their software may result in malfunction or failure. Even systems that have not been modified could be affected because the electronic systems are connected. Malfunctioning electronics can severely impair the operating safety of the vehicle.

Therefore, have all work on and modifications to electronic components carried out at a qualified specialist workshop.

Correct use

The CD radio can be used to receive radio stations as well as to play back audio compact discs and other data carriers. Additionally, the Bluetooth® CD radio can make calls via the Bluetooth® function.

Observe the specified requirements for data carriers and permissible formats.

Equipment

This Supplement describes the CD radio with all standard and optional equipment available at the time of going to print. Country-specific deviations are possible. Bear in mind that the CD radio may not be equipped with all of the functions described. This also applies to safety-relevant systems and functions. The equipment level of your CD radio may therefore differ from that shown in some descriptions and illustrations. Contact a Mercedes-Benz Service Centre if you have any questions about equipment or operation.

This Supplement is an integral part of the vehicle. Keep it in the vehicle along with the Operating Instructions.

Declaration of conformity

Vehicle components that receive and/or transmit radio waves

The following note refers to all components of the vehicle which receive and/or transmit radio waves and the integrated information systems and communications equipment in the vehicle:

ⓘ The components of the vehicle that receive and/or transmit radio waves are compliant with the basic requirements and all other relevant regulations stipulated by Directive 1999/5/EC. You can obtain further information from any Mercedes-Benz Service Centre.

Electromagnetic compatibility

The electromagnetic compatibility of the vehicle components has been checked and certi-

fied according to the currently valid version of Directive ECE-R 10.

Copyright information

Registered trademarks

Bluetooth® technology is the standard for short-range wireless data transmission of up to approximately 10 metres.

Bluetooth® is a registered trademark of Bluetooth Special Interest Group (SIG) Inc.

Qualified specialist workshop

Therefore, have all work on and modifications to electronic components carried out at a qualified workshop. It has the necessary specialist knowledge and tools for the work required. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

A Mercedes-Benz Service Centre is a qualified specialist workshop.

Anti-theft protection

In order to render the CD radio useless for thieves, it is protected by a four-digit code. The code for your CD radio comes with this Supplement. If the CD radio has been disconnected from the voltage supply, you will need to enter the code after switching the CD radio on.

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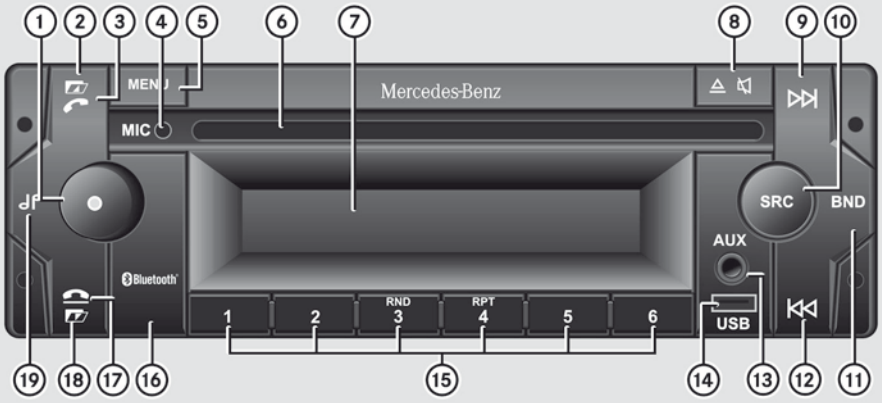
Operating system

CD radio overview



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Function overview

You can use the CD radio to operate the following functions:

- receive radio in FM and AM (SW, MW, LW) wavebands
- play CDs in WMA and MP3 formats
- play MP3 files from USB devices
- Making a call
- play an MP3 player connected via Bluetooth® (if supported by your device)
- play an external device over an AUX socket

Multifunction steering wheel

ⓘ Information on how to operate the individual functions can be found in the descriptions in the radio and USB sections.

Button	Function
	Increases the volume
	Reduces the volume
	Selects the next main menu
	Selects the previous main menu
	Shifts down one line down in a menu
	Shifts up one line in a menu
	Accepts a call
	Rejects/ends a call

On-board computer display

Under the following menus, some functions of the CD radio can be operated using the multifunction steering wheel:

Menu	Functions
Radio	Selecting a station
CD[2]	Selecting a track Switching folders
Telephone	Accepting/ending a call Rejecting a call Making calls via the telephone book menu Updating the telephone book list

Basic functions

Switching on/off

▶ Press the control knob.
After being switched on, the CD radio calls up the last active function.

ⓘ If you switch off the ignition, the CD radio switches off automatically.

ⓘ If the battery charge status is low, the CD radio switches off automatically.

ⓘ If the CD radio is in operation while the ignition is turned off, it will switch off automatically after approximately one hour.

[2] In USB and Bluetooth® audio mode the on-board computer display shows the CD menu.

Entering the code

If the CD radio has been disconnected from the voltage supply, you will need to enter the code after switching the CD radio on.

After switching on, CODE will be shown in the display temporarily. This is followed by 0000 and you can then enter the code.

- **To enter the first digit:** press number button **1** repeatedly until the first character of the code corresponds to the correct digit (0 – 9).
- **To enter the second digit:** press number button **2** repeatedly until the second character of the code corresponds to the correct digit (0 – 9).
- **To enter the third digit:** press number button **3** repeatedly until the third character of the code corresponds to the correct digit (0 – 9).
- **To enter the fourth digit:** press number button **4** repeatedly until the fourth character of the code corresponds to the correct digit (0 – 9).

or

- Press respective number button **1 - 4**.
- Turn the control knob until the desired number is shown in the display.
- **To confirm the entered code:** press and hold button **5** until RADIO is shown in the display.
  The CD radio is now operational.

If you enter the code incorrectly three times in succession, BLOCKED is shown in the display. The CD radio will remain blocked for one hour. You will not be able to re-enter the code during this period. The CD radio must not be switched off during this period. Otherwise, the block period will begin again.

Deactivating/activating the code prompt

- Press the **MENU** button repeatedly until CODE is shown in the display.
  This is followed by 0000.
- Enter the code (▷ page 13).
  The current setting CODE ON (code prompt activated) or CODE OFF (code prompt deactivated) is shown in the display.

- **To change the setting:** turn the control knob clockwise or anti-clockwise.
- **To save the setting and exit the menu:** press the **AM/FM/CD** button.

If you enter the code incorrectly three times in succession, the CD radio will automatically exit the Code menu and switch to the next menu item.

Setting the volume

- Turn the control knob during playback.

or

- Press the + or − buttons on the multifunction steering wheel.
  The volume changes.

Switching the mute function on/off

▶ Briefly press the mute button.
Sound from the active audio source is switched on or off.

ⓘ When the sound is switched off, MUTE is shown in the display. If you adjust the volume using the control knob, the sound is automatically switched on.

ⓘ If the TP function is activated, you hear traffic reports even if the sound is switched off (▷ page 17).

Sound settings

Adjusting the bass

▶ **To open the sound menu:** press the button repeatedly, until BASS is shown in the display.
The display shows the current bass settings.

▶ Turn the control knob until the desired level is selected.

▶ **To leave the sound menu:** press the button repeatedly until the display shows the active audio source or wait 3 seconds.

Adjusting the treble

▶ **To open the sound menu:** press the button repeatedly, until TREB is shown in the display.
The display shows the current treble settings.

▶ Turn the control knob until the desired level is selected.

▶ **To leave the sound menu:** press the button repeatedly until the display shows the active audio source or wait 3 seconds.

Adjusting the balance

▶ **To open the sound menu:** press the button repeatedly, until BAL is shown in the display.
The display shows the current balance settings.

▶ Turn the control knob until the desired level is selected.

▶ **To leave the sound menu:** press the button repeatedly until the display shows the active audio source or wait 3 seconds.

Resetting the sound settings

▶ **To open the sound menu:** press the button repeatedly, until RESET N is shown in the display.

▶ Turn the control knob clockwise until RESET Y is shown in the display.
The sound settings are reset after approximately 2 seconds.

or

▶ Press and hold the button.

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Audio CD and MP3 mode 18
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Radio mode

Selecting the radio

▶ Press the **SRC** button repeatedly until Radio appears briefly in the display. You will hear the last station played.

Selecting a station

Station search

▶ Briefly press the ⏮ or ⏭ button. You hear the next station found.

Selecting a station manually

▶ Press and hold the ⏮ or ⏭ button until frequency scanning starts.

▶ Briefly press the ⏮ or ⏭ button again.
The frequency changes in increments.

Storing a station

Storing stations manually

It is possible to store the current station.

▶ Press and hold a number key from 1 to 6 until you hear a confirmation tone. The station has been stored under the chosen preset.

Storing stations automatically

Stations can be automatically stored under the 6 presets on each of the chosen wavebands. The order is determined by the reception quality.

ⓘ If A is shown in the display in front of the waveband, this indicates that the presets contain automatically stored stations.

ⓘ Stations previously stored on the chosen waveband are lost.

ⓘ For the AM wavebands SW, MW and LW there is only one Autostore space. This means that during the automatic storing procedure, stations stored on other AM wavebands are overwritten.

▶ Select the desired waveband using the **BND** button.

▶ Press and hold the **BND** button repeatedly until A-STORE appears in the display. The CD radio searches for the 6 stations with the best reception and stores them. When you hear the station stored under preset 1, station search has ended.

Calling up stored stations

▶ Press the **BND** repeatedly until the desired waveband appears in the display.

▶ Briefly press a number key from 1 to 6.
You will hear the station stored under the chosen preset if there is adequate reception.

Switching wavebands

The CD radio can receive 4 wavebands, i.e. FM, LW, MW and SW. For these there are the following memory levels, with 6 presets each:

- FM (VHF)
- AFM (FM, automatically stored)
- MW (medium wave)
- LW (long wave)
- SW (short wave)
- AMW/ALW/ASW (medium wave, long wave or short wave, automatically stored)

▶ Press the **BND** button repeatedly until the desired waveband appears in the display.

Operating the radio using the multi-function steering wheel

- Press the [icon] or [icon] button repeatedly until the audio menu is selected.
- Press the [icon] or [icon] button to select Station search or Memory.
  If the station search function is active, the radio will find the next available station on the selected waveband.
  If the memory function is active, the radio switches to the previous or next station preset.

Switching RDS on/off

RDS (Radio Data System) provides additional information on the FM waveband.

Possible additional information includes, for example, the station name or alternative frequencies at which the same station can be received.

- Press the MENU repeatedly until RDS is shown in the display.
- Turn the control knob clockwise/anti-clockwise.
  The RDS function is switched on/off.
- **To exit the menu:** press the **SRC** button or wait 10 seconds.

ⓘ When the RDS function is switched on, RDS is shown in the display.

Traffic Programme priority TP

TP function

If you have set a radio station that broadcasts traffic announcements and are listening to another audio source, the radio may switch to a station that broadcasts traffic announcements for the length of a traffic report. The TP function can also be used when the mute function is active.

Activating/deactivating the TP function

- Press the MENU button repeatedly until TP ON or TP OFF is shown in the display.
- Turn the control knob clockwise/anti-clockwise.
  The TP function is activated/deactivated.

- **To exit the menu:** press the **SRC** button or wait 10 seconds.

ⓘ When the TP function is active, TP is shown in the display.

ⓘ Traffic Programme priority is only possible when FM selected.

ⓘ For Traffic Programme priority to work, RDS must be active (▷ page 17).

ⓘ A call conducted on a phone connected via Bluetooth®, is not interrupted despite the TP function being active. It is also not possible to use Traffic Programme priority if an external audio source has muted the CD radio (▷ page 23).

Setting traffic message volume

- Turn the control knob clockwise/anti-clockwise when receiving a traffic message.
  Traffic messages are then played back at increased or decreased volume.

Ending Traffic Programme priority

- Press the **SRC** button when receiving a traffic message.

ⓘ The CD radio gives the next traffic message priority again.

ⓘ You can also end Traffic Programme priority using the **BND** waveband button, the

[mute] mute button or the [1] to [6] programme buttons.

Audio CD and MP3 mode

Important safety notes

⚠ WARNING

Handling discs while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Handle discs only when the vehicle is stationary.

⚠ WARNING

The CD drive is a Class 1 laser product. If you remove the housing of the CD drive, invisible laser radiation may be emitted. These laser beams may damage your retina. There is a risk of injury.

Do not open the housing. Always have maintenance work and repairs carried out at a qualified specialist workshop.

ⓘ The CD drive does not have an emergency eject function. Do not insert any pointed objects into the "MIC" port. This can damage the microphone of the hands-free system. If a CD cannot be ejected, consult a qualified specialist workshop.

Selecting the CD function

▶ Press the **SRC** button repeatedly until CD appears in the display.

or

▶ Insert a CD (▷ page 18).
CD playback begins.

During CD playback you see the track number and the elapsed/remaining playing time of the current track in the display.

ⓘ When there is a CD in the drive, the symbol appears in the display.

ⓘ At excessively high temperatures, the CD radio interrupts CD playback and automatically switches to radio mode. TEMP ERR appears briefly in the display.

Inserting/ejecting a CD

Inserting a CD

Bear the following in mind:

- do not affix any stickers or labels to the CD.
- CDs may not be thicker than 1.3 mm.
- CDs must have a diameter of 12 cm and be round. Do not use an adapter.

▶ Slide the CD with the lettering face up into the CD drive until you notice resistance. The CD radio automatically draws in the CD. The display shows CD LOAD briefly and subsequently the symbol. CD playback begins.

ⓘ Release the CD as soon as it is drawn in.

ⓘ Do not impede or speed up the CD when it is being drawn in.

Ejecting a CD

▶ Press and hold the [⏏] eject button. The CD radio ejects the CD.

▶ Remove the CD.

ⓘ If you do not remove the CD it is drawn back into the CD drive after 10 seconds have elapsed.

Playing a CD

Selecting a track

▶ Briefly press the ⏮ or ⏭ button. The CD radio plays the previous or next track.

▶ Press and hold the ⏮ or ⏭ button. The current track is rewound or fast forwarded.

ⓘ When skipping back:

- if the elapsed track time is less than 10 seconds, playback skips to the beginning of the previous track.
- if the elapsed track time is more than 10 seconds, playback skips to the beginning of the current track.
- if you have selected random playback, a random selection follows as the next track.

Playing tracks in random order

To play all tracks on a CD in random order:

▶ Press the RND 3 button repeatedly, until the display briefly shows RND ALL. RND appears in the display.

To cancel random playback:

▶ Press the RND 3 button repeatedly, until the display briefly shows RND OFF. RND in the display goes out.

Repeating a track

To repeat the current track:

▶ Press the RPT 4 button repeatedly, until the display briefly shows RPT TRK. RPT appears in the display.

To cancel the repeat function:

▶ Press the RPT 4 button repeatedly, until the display briefly shows RPT OFF. RPT in the display goes out.

Playing back MP3 formats

Selecting a track

▶ Briefly press the ⏮ or ⏭ button. The CD radio plays the previous or next track.

▶ Press and hold the ⏮ or ⏭ button. The current track is rewound or fast forwarded.

ⓘ When skipping back:

- if the elapsed track time is less than 10 seconds, playback skips to the beginning of the previous track.
- if the elapsed track time is more than 10 seconds, playback skips to the beginning of the current track.
- if you have selected random playback, a random selection follows as the next track.

Switching folders

▶ During music playback, press the ⏮/⏭ button.
The CD radio jumps to the previous/next folder, the folder name is briefly shown in the display.

ⓘ Notes on the MP3 function:

- any folders that contain files other than MP3s or WMAs are automatically skipped.
- All folders and subfolders are handled as if they are in succession on the same level. Repeatedly pressing the ⏮ or ⏭ button will allow you to access all of the subfolders.

Playing tracks in random order

To play all the tracks in the current folder in a random order:

▶ Press the RND 3 button repeatedly until the display briefly shows RND DIR.
RND appears in the display.

To cancel random playback:

▶ Press the RND 3 button repeatedly, until the display briefly shows RND OFF.
RND in the display goes out.

Repeating a track

To repeat all the tracks in the current folder:

▶ Press the RPT 4 button repeatedly, until the display briefly shows RPT TRK.
RPT appears in the display.

To cancel the repeat function:

▶ Press the RPT 4 button repeatedly, until the display briefly shows RPT OFF.
RPT in the display goes out.

Operating CD/MP3 using the multifunction steering wheel

▶ Press the ☐ or ☐ button repeatedly until the audio menu is selected.

▶ Press the ⏶ or ⏷ button to select the desired track.

Changing the track time display

You can choose whether the elapsed time or remaining time of the current track is shown.

To select elapsed time:

▶ Press the MENU button repeatedly until ELAPSED or REMAIN appears in the display.

▶ When REMAIN is shown in the display, turn the control knob clockwise.
ELAPSED is shown in the display.

To select remaining time:

- ▶ Press the MENU button repeatedly until ELAPSED or REMAIN appears in the display.
- ▶ When ELAPSED appears in the display, turn the control knob anti-clockwise. REMAIN appears in the display.

- ▶ **To exit the menu:** press the **SRC** button or wait 10 seconds.

USB audio mode

Important safety note

⚠ WARNING

Handling discs while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Handle discs only when the vehicle is stationary.

Selecting the USB function

- ▶ Connect the USB device to the USB port in the correct position.

ⓘ In order to connect standard USB devices, you need a USB adapter from the Mercedes-Benz accessories range.

- ▶ Press the **SRC** button repeatedly, until the display shows USB. While the files are being read, the display shows READING. Playback then begins automatically.

During USB playback, the display shows the current track number and the time elapsed/remaining.

ⓘ Information about the USB function:

- if the CD radio does not recognise the USB device, the display shows NO USB.
- if the CD radio finds no music files, the display shows DEV ERR.
- in extreme cases, starting up individual functions can take up to several minutes. This depends on the USB device and the media content on it.

Playing USB files

Selecting a track

- ▶ Press the ⏮ or ⏭ button. The CD radio plays the previous or next track.

ⓘ When skipping back:

- if the elapsed track time is less than 10 seconds, playback skips to the beginning of the previous track.
- if the elapsed track time is more than 10 seconds, playback skips to the beginning of the current track.
- if you have selected random playback, a random selection follows as the next track.

Switching folders

- ▶ Press the ⏮ or ⏭ button during music playback. The CD radio moves to the previous or next folder and the display briefly shows the folder name.

ⓘ All folders and subfolders are handled as if they are in succession on the same level.

Repeatedly pressing the ⏭ or ⏮ button will allow you to access all of the subfolders.

Playing tracks in random order

To play all the tracks in the current folder in a random order:

▶ Press the RND 3 button repeatedly until the display briefly shows RND DIR.
RND appears in the display.

To play all the tracks on the data carrier in a random order:

▶ Press the RND 3 button repeatedly, until the display briefly shows RND ALL.
RND appears in the display.

To cancel random playback:

▶ Press the RND 3 button repeatedly, until the display briefly shows RND OFF.
RND in the display goes out.

Repeating a track

To repeat the current track:

▶ Press the RPT 4 button repeatedly, until the display briefly shows RPT TRK.
RPT appears in the display.

To repeat all the tracks in the current folder:

▶ Press the RPT 4 button repeatedly, until the display briefly shows RPT DIR.
RPT appears in the display.

To cancel the repeat function:

▶ Press the **SRC** button repeatedly until CD appears in the display.
RPT in the display goes out.

Operating USB using the multifunction steering wheel

▶ Press the ☰ or ☰ button repeatedly until the audio menu is selected.

▶ Press the ⏶ or ⏷ button to select the desired track.

ⓘ In USB audio mode, the possible displays are limited in the on-board computer display.

Audio AUX mode

Important safety note

⚠ **WARNING**

Handling discs while driving will distract you from traffic conditions. You could then lose

control of the vehicle. There is a risk of an accident.

Handle discs only when the vehicle is stationary.

Notes on AUX mode

There are two methods of connecting external devices via AUX sockets to the CD radio:

- on the front of the device
- at the rear of the device

ⓘ Do not operate external devices using a power source that is connected to the vehicle's own 12 V power supply. This may affect the playback quality.

ⓘ Optional equipment fitted at the factory may already occupy the AUX socket at the rear.

Selecting the AUX function

▶ Connect the external device to the desired AUX socket.

ⓘ For the rear AUX socket you will need an adapter cable from Mercedes-Benz accessories.

▶ Press the **SRC** button repeatedly until AUX FRONT or AUX REAR-MAN appears in the display.

▶ Press the ⏮ or ⏭ button to select the front (AUX FRONT) or rear (AUX REAR-MAN) AUX socket.

ⓘ If an external device is connected to the front AUX socket the display flashes.

Playing back the external device through the CD radio's loudspeakers

External devices that are connected via the front or rear AUX socket to the CD radio can be played back through the loudspeakers of the CD radio.

Connect external devices via the stereo line out to the CD radio so that the volume level is correct. If a device is connected to the headphone socket, the volume balance is upset. The volume at the headphone socket has to be increased by a far greater amount to be played back correctly through the CD radio.

ⓘ When traffic messages are played back, the volume may be significantly higher due to the differing volume levels of the external devices. In some circumstances it may be advisable to deactivate the TP function or to manually adjust the traffic message volume to suit (▷ page 17).

To increase the volume at the headphone socket, do the following:

▶ Set the volume of the CD radio to a pleasant, moderate value.

▶ Select the desired AUX function. AUX FRONT or AUX REAR-MAN appears in the display.

▶ Connect the external device and switch it on.

▶ Increase the volume on the external device as much as possible without causing distortion.

▶ Set the desired volume on the CD radio.

AUX socket

Connection options and operating mode

! Risk of damage to the CD radio and external equipment

The CD radio could be damaged if it is not removed correctly and cables may be damaged if incorrectly connected. Always have

the CD radio removed and the connection of external audio sources to the rear AUX sockets performed at a qualified specialist workshop.

- **Operating mode 1:** manual selection of the external device using the **SRC** button, playback through the loudspeakers of the CD radio
- **Operating mode 2:** earth signal on the mute input switches the CD radio to the external device, playback through the loudspeakers of the CD radio
- **Operating mode 3:** earth signal on the mute input mutes the CD radio (XMUT), playback through the device's own loudspeakers

Setting the operating mode and activating the AUX socket

Operating mode 1

No adjustments are required for this operating mode.

▶ **To select an AUX socket:** press the **SRC** button repeatedly until AUX FRONT or AUX REAR-MAN appears in the display.

Operating mode 2

ⓘ The external device must be connected to the rear AUX socket correctly via the mute input and transmit the required signal strength.

ⓘ You can only adjust the volume and sound settings on the CD radio.

▶ Press the MENU button repeatedly until XMUT appears in the display.

▶ Turn the control knob anti-clockwise. XMUT OFF is shown in the display.

▶ **To exit the menu:** press the **SRC** button or wait 10 seconds.

▶ **To select an AUX socket:** switch on the external device.
During playback EXTERN appears in the display.

Operating mode 3

ⓘ The external device must be connected to the rear AUX socket correctly via the mute input.

ⓘ You cannot operate the CD radio while the external device is switched on.

▶ Press the MENU button repeatedly until XMUT appears in the display.

▶ Turn the control knob clockwise. XMUTE ON appears in the display.

▶ **To exit the menu:** press the **SRC** button or wait 10 seconds.

▶ **To select an AUX socket:** switch on the external device.
During playback EXT MUTE appears in the display.

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Bluetooth® operation

Notes on Bluetooth® function

Introduction

To make use of the Bluetooth® function, you need a Bluetooth®-capable mobile phone.

ⓘ Information on the Bluetooth®-capable mobile phones recommended by Mercedes-Benz is available from a qualified specialist workshop or on the Internet at: www.mercedes-benz.com/connectivity

Important safety notes

⚠ **WARNING**

Operating communications equipment integrated into the vehicle while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Only operate these devices if road traffic conditions permit. If you are unsure about the surrounding conditions, pull over to a safe location and make entries only while the vehicle is stationary.

Also observe the legal requirements for the country you are currently in.

ⓘ Excessive electromagnetic radiation may constitute a health hazard to yourself and others.

The possible health risk posed by electromagnetic fields is the subject of scientific discussion. You can reduce this risk by using an exterior aerial.

Therefore, connect your mobile communications equipment to the vehicle's exterior aerial wherever possible.

Activating/deactivating the Bluetooth® function

Activating the Bluetooth® function

▶ Press and hold the button. BT ON appears briefly in the display. The Bluetooth® symbol flashes in the display, the CD radio searches automatically for mobile phones that have already been coupled with the CD radio.

ⓘ The Bluetooth® function will remain active until you deactivate it again. When you switch off the CD radio, the Bluetooth® connection is interrupted. When the CD radio is switched on it re-establishes the connection automatically.

Deactivating the Bluetooth® function

▶ Press and hold the button. BT OFF appears in the display briefly. The connection to the mobile phone has been interrupted.

Pairing a mobile phone

Requirements

The following requirements must be met for the CD radio to detect the mobile phone:

- the mobile phone must be in the vicinity of the CD radio.
- the Bluetooth® function of the CD radio must be activated.
- the mobile phone must be ready for pairing.

ⓘ The CD radio stores pairing information for up to 5 mobile phones in order to recognise and connect them automatically. If paired with another mobile phone, the CD radio overwrites the pairing data for the mobile phone that has not been connected to it for the longest period of time.

ⓘ The CD radio automatically downloads the phone book stored on the mobile phone (maximum 600 entries) and the list of recently dialled phone numbers.

ⓘ Notes on pairing mobile phones:

- **Bluetooth® pairing:** the search for the mobile phone is initiated by the CD radio.
- **Bluetooth® external:** the search for the CD radio is initiated by the mobile phone.

Pairing the mobile phone via Bluetooth®

▶ Press the MENU button repeatedly until BT PAIR or BT EXT appears in the display.

▶ Turn the control knob anti-clockwise. BT PAIR appears in the display.

▶ **To exit the menu:** press the **SRC** button or wait 10 seconds.

▶ **To start a search for mobile phones:** Press and hold the button.

The Bluetooth® symbol flashes in the display and the CD radio searches for a certain period for mobile phones that are in range. When the search has been completed, a tone sounds.

If at least one mobile phone is detected, BT LIST appears briefly in the display and then the device name of the mobile phone.

ⓘ If the CD radio cannot find a mobile phone, BT LIST EMPTY appears briefly in the display.

▶ Press the ⏮ or ⏭ button to select the desired mobile phone.

▶ Press and hold the button.

▶ Press the 1 to 6 number buttons to enter a number with 1 to 6 digits that can be easily memorised, e.g. 1111.

ⓘ The number sequence begins at 0. The digits 0 to 9 appear by repeatedly pressing the number button.

ⓘ The number of digits to be entered depends on the respective mobile phone.

▶ Press and hold the button. The CD radio is ready for pairing with a mobile phone.

▶ On the mobile phone, select the Bluetooth® device name **MB-Bluetooth**.

▶ Enter the previously dialled number on the mobile phone. The CD radio establishes a connection to the mobile phone. When the connection

has been established, PAIR OK appears briefly in the display.

▶ Confirm any prompts via the mobile phone. Telephone data is transferred from the mobile phone to the CD radio. When the transfer has been completed, the current audio source and the Bluetooth® symbol are shown permanently in the display.

Pairing a mobile phone externally via Bluetooth®

▶ Press the MENU button repeatedly until BT PAIR or BT EXT appears in the display.

▶ Turn the control knob clockwise. BT EXT appears in the display.

▶ **To exit the menu:** press the **SRC** button or wait 10 seconds.

▶ **To prepare the CD radio for a search:** Press and hold the button. Symbol ⑤ in the display goes out.

▶ Press the 1 to 6 number buttons to enter a number with 1 to 6 digits that can be easily memorised, e.g. 1111.

ⓘ The number of digits to be entered depends on the respective mobile phone.

▶ Press and hold the button until a tone sounds. The CD radio is ready for pairing with a mobile phone.

▶ On the mobile phone, start the search for Bluetooth® devices. See the manufacturer's operating instructions.

▶ On the mobile phone, select the Bluetooth® device name **MB-Bluetooth**.

▶ Enter the previously dialled number on the mobile phone. The CD radio establishes a connection to the mobile phone. When the connection has been established, PAIR OK appears briefly in the display.

▶ Confirm any prompts via the mobile phone. Telephone data is transferred from the mobile phone to the CD radio. When the transfer has been completed, the current audio source and the Bluetooth® symbol are shown permanently in the display.

Displaying the currently connected mobile phone

▶ Press and hold the MENU button. The display shows the name of the mobile phone which is currently connected.

Making a call

Accepting/ending a call

An incoming call is signalled by a ringtone from the CD radio's loudspeakers. PHONE is shown briefly in the display and then the phone number of the caller if it was transmitted.

▶ **To accept a call:** press the button. The conversation is played through the loudspeakers of the CD radio.

- Change the call volume as desired, using the control knob.
- **To end a call:** press the button.
  The CD radio plays the current audio source again.

Rejecting a call

- Press the button.
  CALL END appears briefly in the display and the CD radio plays back the current audio source.

Playing back MP3s

- Press the **SRC** button repeatedly until BT AUDIO is shown in the display.
  The CD radio is ready to play MP3 files from the mobile phone.
- Start MP3 playback on the mobile phone.
  The MP3 file is played through the loudspeakers of the CD radio.
- **To select a track:** briefly press the or button.

Operating Bluetooth® functions using the multifunction steering wheel

Accepting/ending a call

- **To accept a call:** press the button on the multifunction steering wheel.
- Change the call volume as desired, using the control knob.
- **To end a call:** press the button.
  The CD radio plays the previously playing audio source again.

Rejecting a call

- Press the button.
  CALL END appears briefly in the display and the CD radio plays back the previously playing audio source.

Placing a call using phone book

- Press the , or button to select the telephone menu.
- Press the or button to call up the phone book.
- Press the or button to select the desired name.
- Press the button.
  The number is dialled.

Making a call by entering the first letters

- Press the , or button to select the telephone menu.
- Hold the button until the desired first letter appears.
  The display will bring you to the first entry beginning with the letter chosen. If there is no entry beginning with this letter, the display brings you to the next available entry.
- Press the or button to select the desired name.
- Press the button.
  The number is dialled.

Playing back MP3 files

- Press the or button repeatedly until the audio menu is selected.
- Press the or button to select the desired track.

Not all mobile phones support this function.

In Bluetooth® audio mode, the possible displays are limited in the on-board computer display.

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CD mode requirements

Requirements for the CD

Your CD radio supports playback from CD-R and CD-RW.

! Bear the following in mind:
- do not affix any stickers or labels to the CD.
- CDs may not be thicker than 1.3 mm.
- CDs must have a diameter of 12 cm and be round. Do not use an adapter.

i The CD radio is capable of playing CDs written with the ISO9660/Joliet file system.

i There is a large variety of disc-writing software, writers and CDs available. Therefore, the CD radio may be restricted in its playback of copied CDs, or unable to play them at all.

i You may be unable to play CDs with copy protection.

i Playback problems may occur with CDs that have a storage capacity above 700 MB.

Supported file formats

The CD radio supports the following file formats:

	MP3	WMA
Bit rate	32 kbit/s – 320 kbit/s CBR and VBR	8 kbit/s – 384 kbit/s CBR only
Sampling rate	8 kHz – 48 kHz	8 kHz – 48 kHz

i Unsupported file formats are not displayed.

The CD radio does not support the following types of WMA file:
- DRM (Digital Rights Management) encrypted files
- WMA Pro
- 5.1 Surround

File structure of the CD

Max. number of folders per CD	255
Max. number of tracks per CD	500
Max. number of subfolders per CD	255
Max. number of tracks per folder	500
Max. number of directory levels	8

Track and file names

You should observe the following when assigning track names:
- track names must have at least one character
- umlauts, ß and special characters cannot be used when naming tracks
- track names must have the extension "mp3" or "wma"
- there must be a full stop between the track name and the extension

Example of a valid track name:

"Track 1.mp3"

i If MP3 or WMA files are stored in the root directory itself, the root directory will also be treated as a folder. The CD radio then shows "Root" as the folder name.

USB mode requirements

USB devices

The following USB devices are supported:

- USB memory sticks
- USB hard drives
- certain MP3 players

USB hard drive requirements:

Size	2.54 cm (1 in) 4.57 cm (1.8 in) 6.35 cm (2.5 in)
Max. permanent current (using separate power supply, if necessary)	500 mA

ⓘ To shorten the initialisation period, if possible, only load music files onto the USB device.

ⓘ USB devices are available in many different sizes. Therefore, it cannot be guaranteed that playback is possible with every USB device.

You can connect USB devices via the mini USB socket. For standard USB connectors, you require an adapter for the mini USB from the Mercedes-Benz accessories range.

ⓘ Do not use USB extension cables.

ⓘ Do not use a spiral cable for the USB port.

Supported file formats

The CD radio supports the following file formats:

	MP3	WMA
Bit rate	up to 320 kbit/s CBR and VBR	320 kbit/s CBR and VBR

ⓘ Unsupported file formats are not displayed.

The CD radio does not support any DRM (Digital Rights Management) coded files.

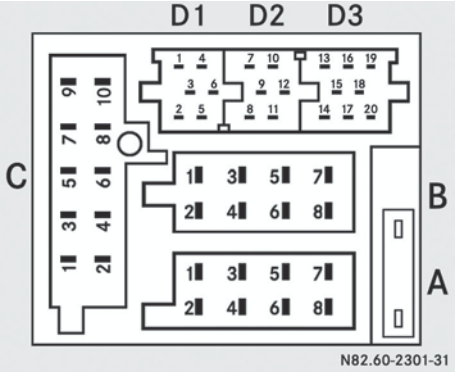
File structure of the USB player

Max. number of directory levels	8
Number of titles per directory	1000

Pin assignment

! Risk of damage to the CD radio and external equipment

The CD radio could be damaged if it is not removed correctly and cables may be damaged if incorrectly connected. Always have the CD radio removed and the connection of external audio sources to the rear AUX sockets performed at a qualified specialist workshop.



Socket	Pin	Function
A	1	Not used
	2	Not used
	3	Mute[3]
	4	Battery (24 V, terminal 30)

3 The mute function is activated via an earth signal.

Socket	Pin	Function
	5	Switched 12 V output (max. 150 mA)
	6	Nightlight (24 V)
	7	Ignition (24 V, terminal 15R)
	8	Earth (terminal 31)
B	1	AUX rear L
	2	AUX rear L, earth
	3	Loudspeaker front R+
	4	Loudspeaker front R–
	5	Loudspeaker front L+
	6	Loudspeaker front L–
	7	AUX rear R
	8	AUX rear R, earth
C	1	CAN-High
	2	CAN-Low
	3 – 10	Not used
D1	1 – 6	Not used
D2	7 – 12	Not used
D3	13 – 20	Reserved

Publication details

Internet

Further information about Mercedes-Benz vehicles and about Daimler AG can be found on the following websites:

http://www.mercedes-benz.com

http://www.daimler.com

Editorial office

You are welcome to forward any queries or suggestions you may have regarding these Operating Instructions to:

Daimler AG, HPC: CAC, Customer Service, 70546 Stuttgart, Germany

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Vehicle manufacturer

Daimler AG Mercedesstraße 137 70327 Stuttgart Germany

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

FCC Information

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference,
and (2) this device must accept any interference received, including interference that may cause undesired operation. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses,
and can radiate radio frequency energy and, if not installed and used in
accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will
not occur in a particular installation.

FCC Radiation Exposure Statement:
The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

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