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Audio 20 Supplement

Audio 20

Operating Instructions

Mercedes-Benz

Symbols

In this Operator's Manual you will find the following 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 Practical tips or further information that could be helpful to you.

▶ This symbol indicates an instruction that must be followed.

▶ Several of these symbols in succession indicate an instruction with several steps.

(▷ page) This symbol tells you where you can find more information about a topic.

`Display` This text indicates a message on the multifunction/Audio 20 display.

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Publication details

Internet

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

http://www.mbusa.com (USA only)

http://www.mercedes-benz.ca (Canada only)

Editorial office

You are welcome to forward any queries or suggestions you may have regarding this Operator's Manual to the technical documentation team at the following address:

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

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Vehicle manufacturer

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Mercedesstraße 137
70327 Stuttgart
Germany

As at 24.09.2014

Welcome to the world of Mercedes-Benz

First of all, familiarize yourself with your Audio 20. Read these operating instructions, particularly the safety and warning notes, before you drive off.

This will help you to obtain the maximum pleasure from your Audio 20 and avoid endangering yourself and others.

The equipment level and functions of your Audio 20 may differ depending on:

- model
- order
- country specification
- availability

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

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

- design
- equipment
- technical features

The equipment in your vehicle may therefore differ from that shown in the descriptions and illustrations.

Please consult an authorized Mercedes-Benz Center should you have any questions.

The Operator's Manual is an integral part of the vehicle. You should always keep it in the vehicle and pass it on to the new owner if you sell the vehicle.

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

Mercedes-Benz USA, LLC

Mercedes-Benz Canada, Inc.

A Daimler Company

2055847003

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Operating safety

Important safety notes

⚠ WARNING

If you operate integrated communication equipment in the vehicle when driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident.

Only operate the equipment when the traffic situation permits. If you are not sure that this is possible, park the vehicle paying attention to traffic conditions and operate the equipment when the vehicle is stationary.

Bear in mind that at a speed of only 30 mph (approximately 50 km/h) your vehicle covers a distance of 44 feet (approximately 14 m) per second.

⚠ WARNING

Modifications to electronic components, their software as well as wiring can impair their function and/or the function of other networked components. In particular, systems relevant to safety could also be affected. As a result, these may no longer function as intended and/or jeopardize the operating safety of the vehicle. There is an increased risk of an accident and injury.

Never tamper with the wiring as well as electronic components or their software. You should have all work to electrical and electronic equipment carried out at a qualified specialist workshop.

If you make any changes to the vehicle electronics, the general operating permit is rendered invalid.

This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65.

This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 8 inches (20 cm) and more between the radiator and a person's body (excluding extremities: hands, wrists, feet and legs.)

Correct use

⚠ WARNING

Modifications to electronic components, their software as well as wiring can impair their function and/or the function of other networked components. In particular, systems relevant to safety could also be affected. As a result, these may no longer function as intended and/or jeopardize the operating safety of the vehicle. There is an increased risk of an accident and injury.

Never tamper with the wiring as well as electronic components or their software. You should have all work to electrical and electronic equipment carried out at a qualified specialist workshop.

Always observe the following when using Audio 20:

- the safety notes in this manual
- traffic rules and regulations
- laws and safety standards pertaining to motor vehicles

Roof antenna functionality (telephone, satellite radio, GPS) can be affected by the use of roof carrier systems.

Attaching metalized retrofit film to the windshield may affect radio reception and have a negative impact on all other antennas (e.g. emergency antenna) in the vehicle interior.

Protection against theft: this device is equipped with technical provisions to protect it against theft. Further information on protection against theft can be obtained from an authorized Mercedes-Benz Center.

Declarations of conformity

Vehicle components which receive and/or transmit radio waves

USA only: The wireless devices of this vehicle comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) These devices may not cause interference, and

2) These devices must accept any interference, including interference that may cause undesired operation of the device.

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

Canada only: The wireless devices of this vehicle comply with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1) These devices may not cause interference, and

2) These devices must accept any interference, including interference that may cause undesired operation of the device.

Qualified specialist workshop

Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Function restrictions

For safety reasons, some functions are restricted or unavailable while the vehicle is in motion. You will notice this, for example, because you will not be able to select certain menu items.

Data stored in the vehicle

Data recording

This vehicle is capable of recording diagnostic information relating to vehicle operation, malfunctions, and user settings. This may include information about the performance or status of various systems, including but not limited to, engine, throttle, steering or brake systems, that is stored and can be read out with suitable devices, particularly when the vehicle is serviced. The data obtained is used to properly diagnose and service your vehicle or to further optimize and develop vehicle functions.

Audio 20/mbrace

If the vehicle is equipped with Audio 20 or mbrace, additional data about the vehicle's operation, the use of the vehicle in certain situations, and the location of the vehicle may be compiled through Audio 20 or the mbrace system.

For additional information please refer to the Audio 20 operating instructions and/or the mbrace Terms and Conditions.

Event data recorders

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record data that will assist in understanding how a vehicle's systems performed in certain crash or near crash-like situations, such as during air bag deployment or when hitting a road obstacle. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less.

The EDR in this vehicle is designed to record such data as:

- how various systems in your vehicle are operating
- whether or not the driver and passenger seat belts are fastened

- how far (if at all) the driver is depressing the accelerator and/or brake pedal and
- how fast the vehicle is traveling

This data can help provide a better understanding of the circumstances in which crashes and injuries occur. NOTE: EDR data is recorded by your vehicle only if a non-trivial crash situation occurs; no data is recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, can combine the EDR data with the type of personal identification data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties that have the special equipment, such as law enforcement, can read the information by accessing the vehicle or the EDR.

EDR data may be used in civil and criminal matters as a tool in accident reconstruction, accident claims, and vehicle safety. Since the Crash Data Retrieval CDR tool that is used to extract data from the EDR is commercially available, Mercedes-Benz USA, LLC ("MBUSA") expressly disclaims any and all liability arising from the extraction of this information by unauthorized Mercedes-Benz personnel.

MBUSA will not share EDR data with others without the consent of the vehicle owners or, if the vehicle is leased, without the consent of the lessee. Exceptions to this representation include responses to subpoenas by law enforcement; by federal, state or local government; in connection with or arising out of litigation involving MBUSA or its subsidiaries and affiliates; or, as required by law.

Warning: The EDR is a component of the Supplemental Restraint System ("SRS") Module. Tampering with, altering, modifying or removing the EDR component may result in a malfunction of the SRS Module and other systems.

State laws or regulations regarding EDRs that conflict with federal regulation are pre-empted. This means that in the event of such conflict, the federal regulation governs. As of February 2013, 13 states have enacted laws relating to EDRs.

Information on copyright

General information

Information on licenses for free and Open Source software used in your vehicle and in the electronic components can be found on this website: **http://www.mercedes-benz.com/opensource**.

Audio 20 features

These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

Read the information on qualified specialist workshops in the vehicle Operator's Manual.

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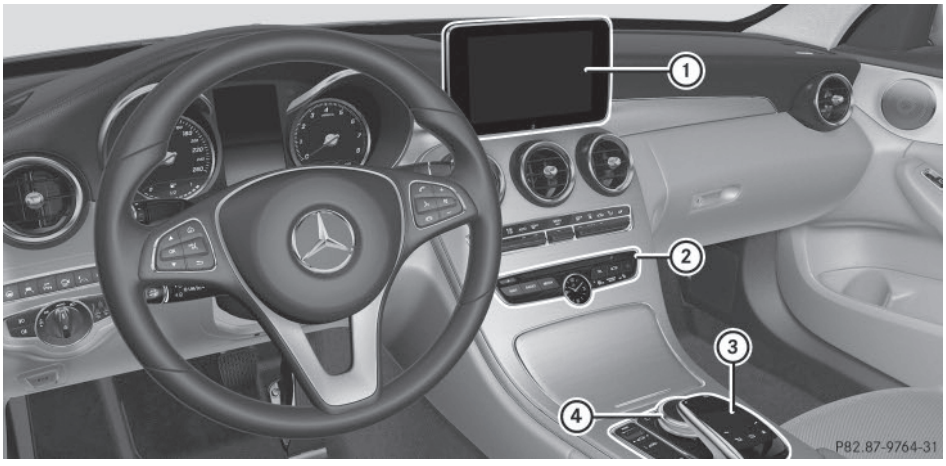
Overview

Components



① Audio 20 display
② Single CD drive
③ Touchpad (for Audio 20 with touchpad)
④ Controller

Audio 20 consists of:

- the display
  The Audio 20 display has 800 x 480 pixels.
- the single DVD drive
- the buttons
- the controller
- the touchpad (for Audio 20 with touchpad)
- ports in the center console (2 x USB, SD card slot)
  An iPod® is connected via USB cable.

For Audio 20 with touchpad: the controller and touchpad provide two options for entering characters and selecting functions.

Functions

- **HD FM radio and HD AM radio/satellite radio**
- **Media**
  - Media support: audio CD, MP3 CD, two connection options for USB or Media Interface (e.g. iPod®), SD card, Bluetooth® audio
  - Music search using all media
- **Sound system**
  You can select from two sound systems:
  - Standard sound system
  - Burmester® surround sound system

- **Navigation system**
  - Navigation using SD memory card
  - Realistic 3D map with textured city models
- **Communication**
  - Reading text messages
  - Internet browser
  - Mercedes-Benz Apps with Google Local Search™, Facebook, stock prices, news and much more
  - Mercedes-Benz Mobile Website
- **Vehicle functions**
  - Vehicle settings, such as ambient lighting, belt adjustment and tow-away alarm
  - Rear view camera
  - Climate control functions, such as climate mode, perfume atomizer and auxiliary heating
  - DYNAMIC SELECT (individual drive program)
- **Favorites button**

  Fast access to favorites functions using the favorites button on the controller or on the touchpad

Display

General notes

! Avoid any direct contact with the display surface. Pressure on the display surface may result in impairments to the display, which could be irreversible.

Wearing polarized sunglasses may impair your ability to read the display.

The display has an automatic temperature-controlled switch-off feature. The brightness is automatically reduced if the temperature is too high. The display may then temporarily switch off completely.

Overview

① Status bar with displays
② Cover view (if available)
③ Main display field
④ Climate control status display

The example shows media playback with Audio CD.

Cleaning instructions

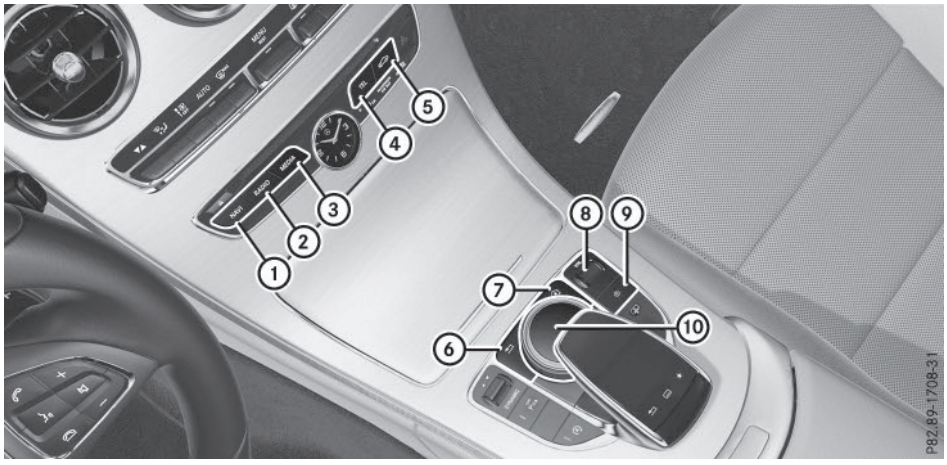
! Do not touch the display. The display has a very sensitive high-gloss surface; there is a risk of scratching. If you have to clean the screen, however, use a mild cleaning agent and a soft, lint-free cloth.

The display must be switched off and have cooled down before you start cleaning. Clean the display screen, when necessary, with a commercially available microfiber cloth and cleaning agent for TFT and LCD displays. Do not apply pressure to the display surface when cleaning it, as this could cause irreversible damage to the display. Then, dry the surface with a dry microfiber cloth.

Avoid using alcoholic thinners, gasoline or abrasive cleaning agents. These could damage the display surface.

Buttons and controller

Overview



① Navigation button
② Radio button
③ Media button
④ Telephone button
⑤ Vehicle and system settings button
⑥ Back button
⑦ Favorites button
⑧ Adjusts the volume or mutes
⑨ Switches Audio 20 on or off
⑩ Controller

Example: with touchpad

Back button

You can use the button to exit a menu or to call up the basic display of the current operating mode.

▶ **To exit the menu:** briefly press the button.
Audio 20 changes to the next higher menu level in the current operating mode.

▶ **To call up the basic display:** press the button for longer than two seconds.
Audio 20 changes to the basic display of the current operating mode.

Controller

The controller in the center console lets you:

- select menu items on the display
- enter characters
- select a destination on the map
- save entries

The controller can be:

- turned
- slid left or right
- slid forwards or back
- slid diagonally
- pressed briefly or pressed and held

Favorites button

With the favorites button, you can select, add or edit favorites.

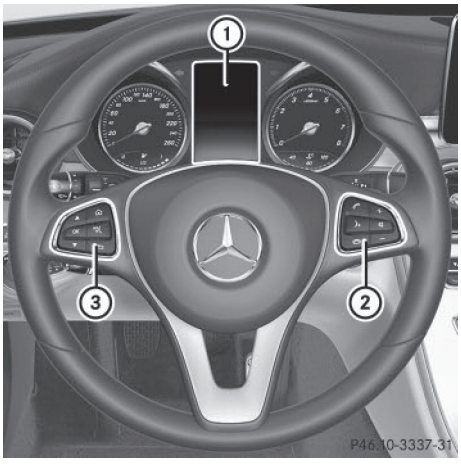
- ▶ Press the favorites button on the controller. The favorites are displayed.
- ▶ **To select a favorite:** turn and press the controller.

Other functions (▷ page 27).

Touchpad

For Audio 20 with the touchpad: alternatively, you can use the touchpad to select and enter information (▷ page 20).

Multifunction steering wheel



① Multifunction display
② Right control panel
③ Left control panel

Left control panel

⌂	• Calls up the main menu
▲ ▼	**Press briefly:** • Scrolls in lists • Selects a menu or function • In the Radio/Media menu: opens the track or station list and selects a station or an audio track • In the Telephone menu: switches to the phone book and selects a name or a telephone number
▲ ▼	**Press and hold:** • Rapid scrolling in all lists • In the Radio/Media menu: selects a station or audio track using rapid scrolling • In the Telephone menu: starts rapid scrolling if the phone book is open
OK	• In all menus: confirms the selected entry in the list • In the Radio/Media menu: opens the list of available radio sources/media • In the Telephone menu: switches to the phone book and starts dialing the selected number
OFF	Switches off the Garmin® MAP PILOT voice control system (see the manufacturer's operating instructions)

	Press briefly: • Back • In the Radio/Media menu: deselects the track or station list or list of available radio sources/media • Hides display messages • Exits the telephone book/redial memory
	Press and hold: • Calls up the standard display in the Trip menu

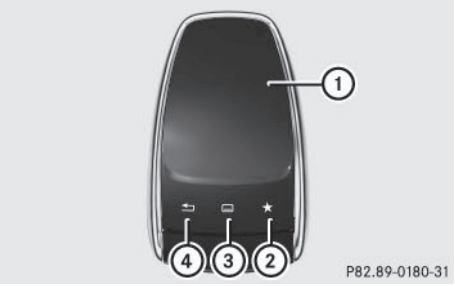
Right control panel

	• Rejects or ends a call • Exits phone book/redial memory
	• Makes or accepts a call • Switches to the redial memory
+ / −	• Adjusts the volume
	• Mute
	Switches on the Garmin® MAP PILOT voice control system (see the manufacturer's operating instructions)

Touchpad

Touchpad overview

! Do not use any sharp objects on the touchpad. This could damage the touchpad.



① Touch-sensitive surface
② Favorites button
③ To call up quick access for audio and telephone
④ Back button

Using the touchpad, you can:

- select menu items in the display (▷ page 21).
- enter characters (handwriting recognition) (▷ page 23).
- control the active audio source (▷ page 25).
- create, manage and call up favorites (▷ page 27).
- save entries

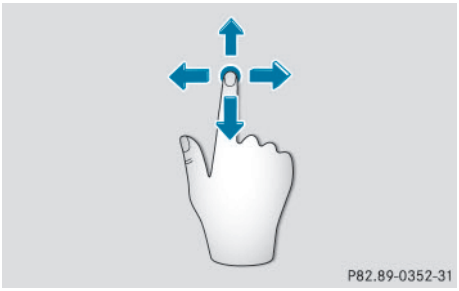
Further information on operating the touchpad (▷ page 21).

Switching the touchpad on/off

▶ Press the button.
The vehicle menu is displayed.
▶ To select System Settings: slide ◎ turn and press the controller.
A menu appears.
▶ To select Activate Touchpad: turn and press the controller.
The touchpad is switched on ☑ or off ☐.

Operating the touchpad

Selecting a menu item



- ▶ Use one finger to touch the touch-sensitive surface.
- ▶ Glide your finger up, down, to the left or right.
  The selection in the display moves in accordance with the direction of movement.

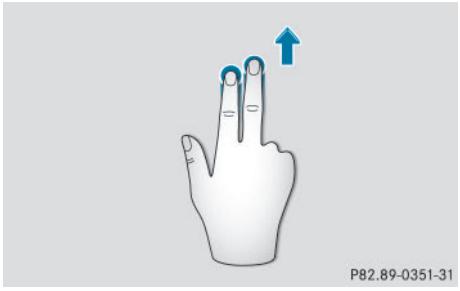
You can navigate in lists or menus in this way.

Confirming a selection

Do not press your finger too hard on the touchpad. This could cause malfunctions.

- ▶ Use one finger to press the touch-sensitive surface until you reach the pressure point.
  A menu, an option or an application is started.

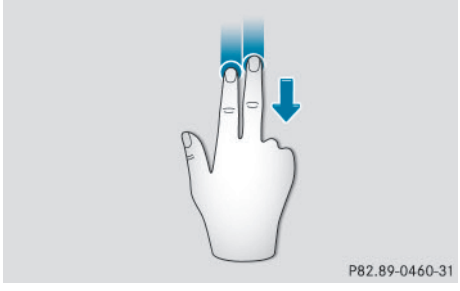
Calling up quick access for audio and telephone



- ▶ Use two fingers to touch the lower part of the touch-sensitive surface.
- ▶ Glide your fingers up.
  Quick access is displayed.

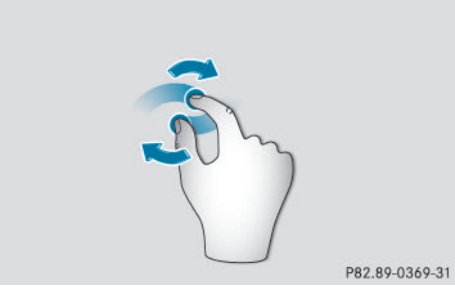
Further information on quick access for audio and telephone (▷ page 25).

Hiding the quick access for audio and telephone



- ▶ Use two fingers to touch the touch-sensitive surface.
- ▶ Glide your fingers down.
  Quick access is hidden.

Operating the control for vehicle and sound settings



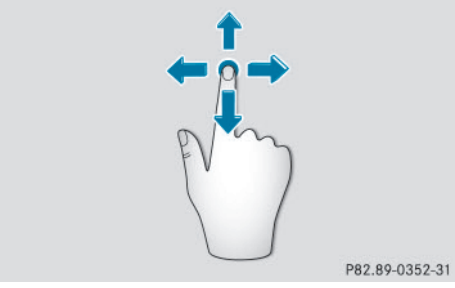
- ▶ Touch the touch-sensitive surface with two fingers, spaced slightly apart.
- ▶ Turn both fingers clockwise.
  The control setting is increased.

or

- ▶ Turn both fingers counter-clockwise.
  The control setting is decreased.

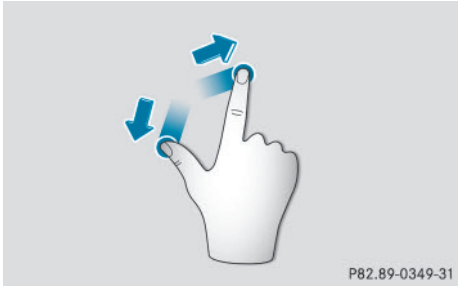
Moving the map

- ▶ Use one finger to press the touch-sensitive surface until you reach the pressure point.
  The crosshair is shown.



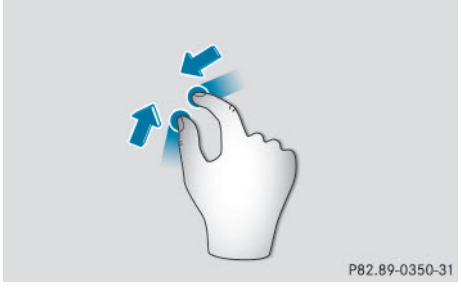
- ▶ Touch the touch-sensitive surface again with one finger.
- ▶ Glide your finger in any direction.
  The map is moved is the direction of movement.

Zooming in on the map



- ▶ Touch the touch-sensitive surface with two fingers, spaced slightly apart.
- ▶ Glide your fingers away from each other.
  The map scale is magnified.

Zooming out of the map



- ▶ Touch the touch-sensitive surface with two fingers, spaced far apart.
- ▶ Glide your fingers towards each other.
  The map scale is reduced.

Handwriting recognition

Handwriting recognition overview

① Active input line
② To enter a space (▷ page 23)
③ Illustration of the touch-sensitive surface
④ To delete characters (▷ page 24)

You can use handwriting recognition for text, numbers or characters in any input line.

If the character that you have entered can be interpreted in different ways, these options are displayed. More information on the character suggestions (▷ page 23).

You can additionally switch the handwriting recognition read-aloud function on and off.

① To exit the menu
② To return to handwriting recognition
③ To change the input line or the position of the cursor
④ To change the input language
⑤ To finish character entry

▶ **To display the menu:** press the touchpad.

Switching the text reader function of the handwriting recognition on/off

You can switch the text reader function of the handwriting recognition on or off.

▶ Press the button.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎ turn and press the controller.
A menu appears.

▶ To select Read Out Handwriting Recognition: turn and press the controller.
The text reader function is switched on ☑ or off ☐.

Entering characters

Prerequisite: an input line for text, numbers or characters has been selected.

▶ Use one finger to draw the desired character on the touch-sensitive surface.
The character recognized is entered in the input line. You can draw the next character on the touch-sensitive surface.

If the character can be interpreted in different ways, these options are displayed.

More information on the character suggestions (▷ page 23).

Character suggestions

▶ **To select a character suggestion:** turn the controller.
The selected character is entered instead of the automatically recognized character. Character entry can be continued.

Entering a space

Prerequisite: an input line for text, numbers or characters has been selected.

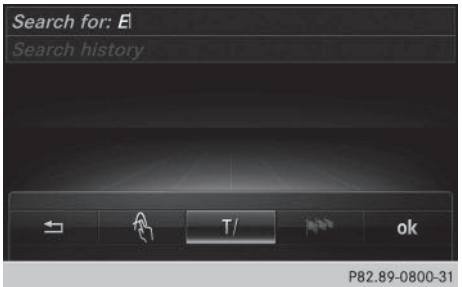
▶ Use your finger to touch the touch-sensitive surface and glide to the right.
A space is entered into the input line.

Deleting characters

Prerequisite: an input line for text, numbers or characters has been selected.

▶ Use your finger to touch the touch-sensitive surface and glide to the left.
The character last entered is deleted.

Switching input line



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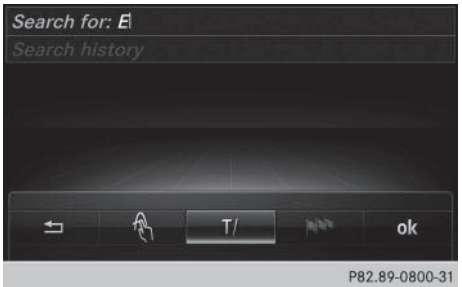
▶ Press the touchpad.
A symbol is shown.

▶ To select T/: glide your finger to the left or right and press.

▶ To select the desired input line, glide up or down and press.
The selected input line is active and character entry can be continued.

Moving the cursor within the input line



P82.89-0800-31

▶ Press the touchpad.
A symbol is shown.

▶ To select T/: glide your finger to the left or right and press.

▶ To move the cursor, glide to the left or right.

Changing the input language for handwriting recognition

Prerequisite: an input line for text, numbers or characters has been selected.

▶ Press the touchpad.
A symbol is shown.

▶ To select : glide your finger to the left or right and press.
The list of available input languages appears.

▶ To select a language: glide up or down and press.

To select a language: glide up or down and press.
The input language for handwriting recognition has been changed.

Searching in lists

The phone book search is used as an example.

You determine the first letter of the contact you are looking for with the first character you enter.

▶ Draw the letter on the touchpad surface.
The first contact with the selected first character is highlighted in the phone book.

Further information on handwriting recognition on the touchpad (▷ page 23).

▶ Draw additional letters on the touchpad surface one after another.

▶ **To complete the search and return to the phone book:** press the touchpad.

Switching between the controller and the touchpad as input device

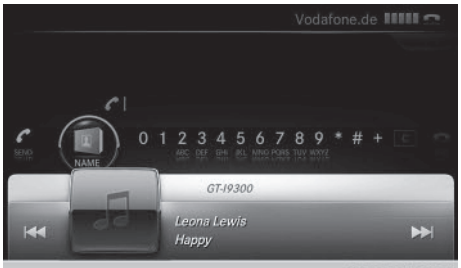
Prerequisite: an input line for text, numbers or characters has been selected.

▶ **To switch from character entry using the controller to handwriting recognition on the touchpad:** use one finger to press the touchpad.
Handwriting recognition on the touchpad is active.

▶ **To switch from handwriting recognition on the touchpad to character entry using the controller:** press the controller. Character entry using the controller is active.

Quick access for audio and telephone

Changing the station/music track



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Depending on the audio source that is currently activated, you can use this function to select the next station or music track.

▶ Call up quick access (▷ page 21). The current audio source is displayed.

▶ To select the previous or next station or the previous or next music track, swipe to the left or right. The selected station or music track is played.

Sending DTMF tones

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The function is not supported by all mobile phones (see the manufacturer's operating instructions).

▶ Call up quick access during a call (▷ page 21).

▶ **To select the required characters:** glide your finger to the left or right and press. Every character selected will be transmitted immediately.

Basic functions

Switching Audio 20 on/off

▶ Press the ON button on the center console to the right of the controller. When you switch on Audio 20, a warning message will appear. Audio 20 calls up the previously selected menu.

If you switch off Audio 20, playback of the current media source will also be switched off.

Adjusting the volume

Adjusting the volume for media sources

▶ Turn the thumbwheel to the right of the controller.

or

▶ Press the + or − button on the multifunction steering wheel. The volume of the media source currently selected changes.

Adjusting the volume for traffic announcements and navigation announcements

During traffic or navigation announcements:

▶ Turn the thumbwheel to the right of the controller.

or

▶ Press the + or − button on the multifunction steering wheel.

ⓘ You can set the volume for navigation announcements to be different from the volume of the respective media source.

Adjusting the volume for phone calls

You can adjust the volume for hands-free mode during a telephone call.

▶ Turn the thumbwheel to the right of the controller.

or

▶ Press the + or − button on the multifunction steering wheel.

ⓘ Volume control for the Garmin® MAP PILOT voice control system (see the manufacturer's operating instructions).

Switching the sound on or off

Media source sound

▶ Press the thumbwheel to the right of the controller.

or

▶ Press the button on the multifunction steering wheel.

ⓘ If the audio output is switched off, the status line will show the symbol. If you switch the media source or change the volume, the sound is automatically switched on.

ⓘ Even if the sound is switched off, you will still hear navigation system announcements.

Switching navigation announcements off and on again

If your vehicle is equipped with GARMIN® MAP PILOT, you can switch navigation announcements on and off.

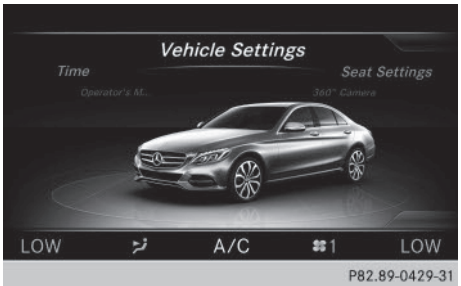
▶ **To switch off navigation announcements:** press the thumbwheel to the right of the controller during the announcement. The Spoken driving recommendations have been deactivated. message appears.

▶ **To switch navigation announcements on again:** switch Audio 20 off and then on again (▷ page 25).

or

▶ If navigation is available via an SD card, start a new route calculation.

Basic menu displays



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▶ Press the NAVI, RADIO, MEDIA, TEL or button.

Navigation (if available): the main menu appears.

Radio: the basic menu of the last radio mode set appears.

Media: the basic display for the last media source set appears.

Communication: the basic menu of the last communication function set appears.

Vehicle functions: the basic display appears (example).

▶ **To show the menu:** slide ↑◎↓ the controller.
The menu for the selected functions appears. Depending on the operation, the marking is shown in main function bar (top) or menu bar (bottom).

▶ **To select a menu item:** turn and press the controller.
If you have selected a menu item from the main function bar, switch to the last menu set for the selected function.
The menu bar features options within the currently set function.

Selecting the operating mode for a main function

You can select the available operating modes for the main functions, e.g. telephone

In the Telephone menu you can:

- switch to telephone mode
- call up the digital operating instructions for the telephone

▶ Press the TEL button.
If telephone mode was the last mode selected, the telephone menu appears.

▶ **To call up the menu:** press the TEL button again.

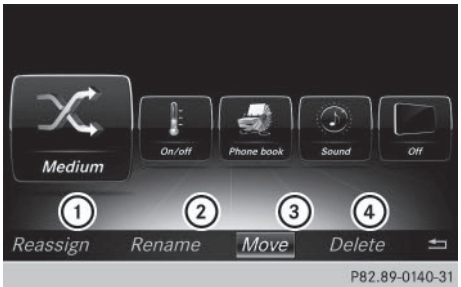
or

▶ To select Phone ⬆◎ slide and press the controller.
A menu appears. Phone is at the front.

▶ To select Info on Phone, for example: turn and press the controller.

Favorites

Overview of favorites



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① To add a new favorite (▷ page 27)
② To rename a selected favorite (▷ page 28)
③ To move a selected favorite (▷ page 28)
④ To delete a selected favorite (▷ page 28)

▶ **To display the favorites overview:** press the favorites button on the controller.

▶ **To show the menu bar:** slide ◎⬇ the controller.

You can manage a total of 20 favorites.

To do so use the following functions:

- Displaying and selecting favorites (▷ page 27)
- Adding favorites (▷ page 27)
- Renaming favorites (▷ page 28)
- Moving favorites (▷ page 28)
- Deleting favorites (▷ page 28)

Displaying and selecting favorites

▶ **To display the favorites overview:** press the favorites button on the controller.

▶ **To call up favorites:** turn and press the controller.

Adding favorites

Adding predefined favorites

▶ Press the favorites button on the controller.

▶ To show the menu bar, slide ◎⬇ the controller.

▶ To select Reassign, turn and press the controller.
The categories for favorites are displayed.
- Entertainment
- Tel
- Vehicle
- Climate Control

▶ **To select a category:** turn the controller and press to confirm.
The available favorites are displayed.

▶ **To select a favorite:** turn and press the controller.

▶ **Adding a favorite at the desired position:** turn and press the controller.
If a favorite is stored over another favorite, the favorite underneath is deleted.

Adding your own favorites

You can store phone numbers from the phone book or radio station as favorites.

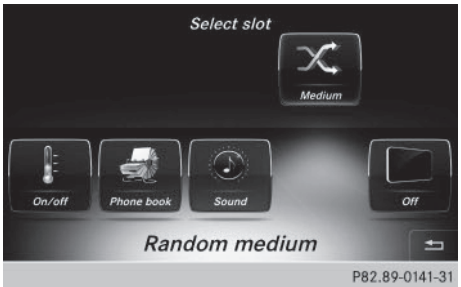
A phone number from the phone book is used as an example.

- ▶ Call up the phone book (▷ page 69).
- ▶ Search for the contact and display the phone number: (▷ page 69).
- ▶ **To add a telephone number as a favorite at the desired position:** press and hold the favorites button on the controller until the favorites are displayed.
- ▶ Turn and press the controller.
  If a favorite is stored over another favorite, the favorite underneath is deleted.

Renaming favorites

- ▶ Press the favorites button on the controller. The favorites are displayed.
- ▶ **To select the favorite to be renamed:** turn the controller.
- ▶ **To show the menu bar:** slide ◎⬇ the controller.
- ▶ To select Rename: turn and press the controller.
- ▶ Enter characters using the controller or the touchpad (▷ page 23).
- ▶ **To finish the entry:** select OK.
  The favorite has been renamed.

Moving favorites



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- ▶ Press the favorites button on the controller. The favorites are displayed.
- ▶ **To select the favorite to be moved:** turn the controller.
- ▶ **To show the menu bar:** slide ◎⬇ the controller.
- ▶ To select Move: turn and press the controller.
- ▶ **To store the favorite in the desired order:** turn and press the controller.
  If a favorite is stored over another favorite, the favorite underneath is deleted.

Deleting favorites

- ▶ Press the favorites button on the controller. The favorites are displayed.
- ▶ **To select the favorite to be deleted:** turn the controller.
- ▶ **To show the menu bar:** slide ◎⬇ the controller.
- ▶ To select Delete, turn and press the controller.
- ▶ To select Yes, turn and press the controller. The favorite is deleted.
- ▶ If you select No, the process will be canceled.

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Importing/exporting data 35
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Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

⚠ WARNING

If you operate mobile communication equipment while driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident.

Only operate this equipment when the vehicle is stationary.

⚠ WARNING

SD memory cards are small parts. They can be swallowed and cause asphyxiation. This poses an increased risk of injury or even fatal injury.

Keep SD memory cards out of the reach of children. If an SD memory card is swallowed, seek immediate medical attention.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communications equipment in the vehicle.

Display settings

Setting the brightness

The brightness detected by the display light sensor affects the setting options for this function.

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▶ Press the button.

or

▶ Press Vehicle in the main function bar. The vehicle menu is displayed.

▶ To select System Settings: slide ◎↓, turn and press the controller to confirm. A menu appears.

▶ To select Display: turn and press the controller. A menu appears.

▶ Select Brightness. A control appears.

▶ Select the desired brightness.

Display design

The display features optimized designs for daytime and night-time operation. You can set the design by manually selecting day or night design or opt for an automatic setting.

▶ Press the button.

or

▶ Press Vehicle in the main function bar. The vehicle menu is displayed.

▶ To select System Settings: slide ◎↓, turn and press the controller to confirm. A menu appears.

▶ To select Display: turn and press the controller. A menu appears.

▶ Select Day Mode, Night Mode or Auto. The ● dot indicates the current setting.

Design	Explanation
Day Mode	The display is set permanently to day design.
Night Mode	The display is set permanently to night design.
Automatic	In the Automatic setting, Audio 20 evaluates the readings from the light sensor and automatically switches the display design.

Switching the display on/off

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select Display Off: slide ◎⬇, turn and press the controller to confirm.
The display goes out.

▶ **To switch the display on again:** press the controller.

Time settings

General information

You can manually set the time and date with Audio 20.

If your vehicle is equipped with GPS, Audio 20 can automatically set the time and date.

The following navigation system functions require the time, time zone and summer and standard time to be set correctly in order to work properly:

- route guidance on routes with time-dependent traffic guidance
- calculation of expected time of arrival

Switching automatic time on and off

The Automatic Time Settings function is used to activate or deactivate the automatic setting of the time and date. This function is activated when the vehicle leaves the factory.

The Automatic Time Settings function is only available in vehicles with GPS reception.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select Time: slide ◎⬇, turn and press the controller to confirm.
A menu appears.

▶ To select Automatic Time Settings: press the controller.

▶ To switch the function on ☑ or off ☐: press the controller.

Setting the time zone

To set the time zone, the Automatic Time Settings function must be activated.

The Time Zone: function is only available in vehicles with GPS reception.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select Time: slide ◎⬇, turn and press the controller to confirm.
A menu appears.

▶ To select Time Zone:: turn and press the controller.
A list of countries appears. The • dot indicates the current setting.

▶ **To select the country in which you are currently driving:** turn and press the controller.
The country is accepted.

A time zone list may also be displayed, depending on the country selected.

▶ **To select the desired time zone:** turn and press the controller.
The time zone is accepted.
A list of available options for setting summer time appears (▷ page 32).

Setting summer and standard time

You can use the Daylight Saving Time menu to set automatic summer time changeover or switch the summer time setting on or off. The changeover to summer time advances the time by one hour.

The Daylight Saving Time menu or the Automatic option is not available in all countries and is only available in vehicles with GPS reception.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select Time: slide ◎⬇, turn and press the controller to confirm.
A menu appears.

▶ To select Daylight Saving Time: turn and press the controller.
A list of available options for setting summer time appears.

▶ To select Automatic, On or Off: turn and press the controller.

Setting	Function
Automatic	The summer and standard time are automatically changed over.
On	The clock is advanced one hour ahead of standard time.
Off	The standard time for the chosen time zone is selected.

Manual time setting

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Vehicles with GPS reception: with manual time setting, you can set the time back or forward by up to several hours.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select Time: slide ◎⬇, turn and press the controller to confirm.
A menu appears.

▶ To select Set Time Manually: turn and press the controller.
A menu with an analog clock appears.

▶ To set the hour: turn the controller.

- ▶ To highlight minutes: slide ◎→ the controller.
- ▶ To set minutes: turn and press the controller.
  The time is accepted.
  The Automatic Time Settings function is deactivated ☐.
  If Automatic is set for the summer time changeover, a prompt will appear asking whether the automatic changeover should be maintained between summer and winter time.

ⓘ If Automatic Time Settings is reactivated, the previous settings for time zone and summer time changeover are restored.

Setting the time and date format

Use this function to set the time and date format for all displays in the vehicle.

- ▶ Press the 🚗 button.

or

- ▶ Press Vehicle in the main function bar.
  The vehicle menu is displayed.
- ▶ To select Time: slide ◎↓, turn and press the controller to confirm.
  A menu appears.
- ▶ To select Format: turn and press the controller.
- ▶ To select the desired date format: turn and press the controller.
  The ● dot indicates the current setting.
- ▶ To select the desired time format: turn and press the controller.
  The ● dot indicates the current setting.

Abbreviation	Meaning
YYYY/MM/DD	Year/Month/Day date format, year (all four digits)
YY/MM/DD	Year/Month/Day date format, year (two digits)
MM/DD/YYYY	Month/Day/Year date format, year (all four digits)
DD/MM/YYYY	Day/Month/Year date format, year (all four digits)
HH:MM (24 hrs)	Hours : Minutes (24 hour time format)
HH:MM (AM/PM)	Hours : Minutes (AM/PM time format)

Bluetooth® settings

General information about Bluetooth®

Bluetooth®-capable devices, e.g. mobile phones, need to comply with a certain profile in order to be connected to Audio 20. Every Bluetooth® device has its own specific Bluetooth® name.

Bluetooth® technology is a standard for short-range wireless data transmissions up to approximately 10 meters. You can use Bluetooth® to connect your mobile phone to Audio 20 to, for example:

- use the hands-free system
- establish an Internet connection
- listen to music using Bluetooth® Audio
- exchange vCards

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

Activating/deactivating Bluetooth®

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎⬇, turn and press the controller.
A menu appears.

▶ To select Activate Bluetooth: turn and press the controller.
This switches Bluetooth® on ☑ or off ☐.

Automatic volume adjustment

General information

With the Automatic Volume Adjustment function, the volumes of different audio sources are adjusted for each other, to compensate for relative differences in volume.

For example: changing from a relatively quiet to a relatively loud radio station. The volume for both stations sounds the same. Manual readjustment of the volume is not required.

The Automatic Volume Adjustment function is deactivated ☐ when the vehicle leaves the factory. Using this function, the dynamic range of the music is slightly reduced. To make the most of the audiophile sound quality, it is recommended to leave it off.

Switching the automatic volume adjustment on/off

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎⬇, turn and press the controller.
A menu appears.

▶ To select Automatic Volume Adjustment: turn and press the controller.
Switch the Automatic Volume Adjustment function on ☑ or off ☐.

Setting the system language

This function allows you to determine the language for the menu displays and the navigation messages. The selected language affects the characters available for entry.

ⓘ The navigation announcements are not available in all languages. If a language is not available, the navigation announcements will be in English.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎⬇, turn and press the controller.
A menu appears.

▶ To select Language: turn and press the controller.
The list of languages appears. The • dot indicates the current setting.

▶ Select the desired language.
Audio 20 loads the selected language and stores the setting.

Calling up and editing the Favorites function

The Favorites function can, depending on the vehicle equipment, be called up as follows:

- via the System Settings menu
- via the Favorites button on the controller (▷ page 18)
- via the Favorites button on the touchpad (▷ page 20)

Calling up the Favorites function via the system menu:

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎⬇ and press the controller.
A menu appears.

▶ To select Favorite Functions: press the controller.
The favorites are displayed.

▶ To select the desired function, e.g. Phonebook: turn and press the controller.

Calling up the Favorites function via the controller or touchpad:

▶ Press the Favorites button on the controller or touchpad.
The favorites are displayed.

▶ To select the desired function, e.g. Phonebook: turn and press the controller.

The Favorites function can be exited at any time.

To exit the Favorites function:

▶ Press the Favorites button again

or

▶ Press the ⮌ button on the controller

or

▶ Press the ⮌ button on the touchpad

or

▶ To select ⮌ in the display: turn and press the controller.

Further information on favorites (▷ page 27).

Importing/exporting data

General notes

! Never remove the stick or card when writing data to the USB stick or the memory card. You may otherwise lose data.

Using this function, you can:

- transfer your personal Audio 20 data from one system/vehicle to another.
- make a backup copy (export data) and load it again (import data).
- protect your data from unwanted export by activating a pin prompt (presetting: deactivated ☐).

You can either use an SD memory card or a USB storage device (e.g. a USB stick) as temporary storage.

Activating/deactivating PIN protection

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎⬇, turn and press the controller.
A menu appears.

▶ To select Data Import/Export: turn and press the controller.

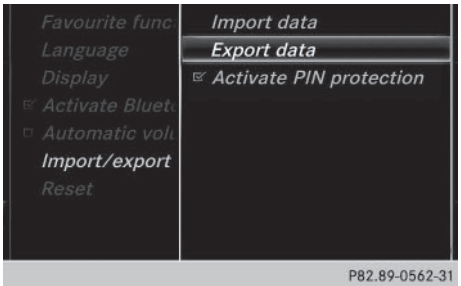
▶ Select Activate PIN Protection.
Activate ☑ or deactivate ☐ PIN protection. When activating PIN protection, you will be prompted to enter a PIN.

P82.89-0567-31

- To enter the 4-digit PIN and select ok : turn and press the controller.
  You will be prompted to enter the PIN again.
- Enter the PIN again and select ok .
  The PIN prompt now protects your personal data from unwanted export.

If you deactivate your PIN protection, you will first be prompted to enter your PIN. If you have forgotten your PIN, an authorized Mercedes-Benz Center can deactivate your PIN protection for you. Alternatively, you can deactivate PIN protection by resetting your personal Audio 20 data (▷ page 37).

Importing/exporting data



P82.89-0562-31

Audio 20 with GARMIN® MAP PILOT: if you want to import or export data using the SD memory card, you must first remove the SD memory card with the digital map (▷ page 114).

- Insert the SD memory card (▷ page 114).

or

- Connect a USB device (e.g. a USB memory stick) (▷ page 114).
- Press the button.

or

- Press Vehicle in the main function bar.
  The vehicle menu is displayed.
- To select System Settings: slide and press the controller.
  A menu appears.
- To select Data Import/Export: turn and press the controller.
- Select Import Data or Export Data.

If you import data, the data on Audio 20 is overwritten. You will see a message to this effect. Audio 20 is restarted after the data import.

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If PIN protection is activated, a PIN prompt appears when you select Export Data.

- To enter the PIN: turn the controller and press ok to confirm.
  PIN protection is deactivated.
- To select Memory Card, USB 1 or USB 2: turn and press the controller.
  This function exports all the data to the selected disc.

  A window appears with the message that the data has been exported.

You can export bookmarks, system settings that you have made and radio station lists, for example.

Mercedes-Benz is not liable for any loss of data.

Reset function

You can reset Audio 20 to the factory settings. This includes the deletion of all of your Audio 20 personal data. These include, for example:

- Station presets
- Entries in the destination memory
- Authorized telephone

In addition, an activated PIN protection, which you have used to protect your data against unwanted export, will be deactivated. Resetting is recommended before selling or transferring ownership of your vehicle, for example.

Mercedes-Benz is not liable for any loss of data.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select System Settings: slide ◎⬇, turn and press the controller to confirm.
A menu appears.

▶ To select Reset: turn and press the controller.
A prompt appears asking whether you wish to reset.

▶ Select Yes or No.
If you select No the process is canceled.
If you select Yes a prompt will appear again asking whether you really wish to reset.

▶ Select Yes or No.
If you select Yes a message will be shown. Audio 20 is reset to the factory settings and restarted.
If you select No the process is canceled.

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Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

⚠ **WARNING**

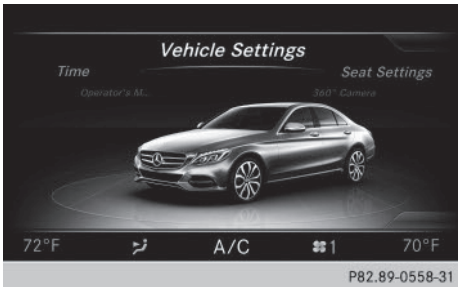
If you operate mobile communication equipment while driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident.

Only operate this equipment when the vehicle is stationary.

You must observe the legal requirements for the country in which you are currently driving when operating mobile communications equipment in the vehicle.

Vehicle settings

Calling up vehicle settings



P82.89-0558-31

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ To select Vehicle Settings: press the controller.
The Vehicle Settings menu is active.

▶ To select the desired vehicle setting: turn and press the controller.
The main area with the setting element is active.

Selecting a different vehicle setting:

▶ To activate the menu for selecting the vehicle setting: slide ↑ the controller.

Exiting the vehicle settings:

▶ To select : slide ↓ and press the controller.

Ambient lighting

General notes

You can set the following for the ambient lighting:

- Brightness
  This setting makes an additional change to the brightness of the ambient lighting.
- Color
  This setting changes the color of the ambient lighting.

Setting the brightness

▶ Call up Vehicle Settings (▷ page 40).

▶ To select Ambient Light Brightness: turn and press the controller.
The setting element is active. The brightness value is displayed.

▶ To change the brightness value: turn the controller.

You can find further information on the interior lighting in the vehicle Operator's Manual.

Setting the color

- Call up Vehicle Settings (▷ page 40).
- To select Ambient Light Color: turn and press the controller.
  The setting element is active.
- To select a color: turn the controller.

You can find further information on the interior lighting in the vehicle Operator's Manual.

Switching the display lighting on/off

If the vehicle is not equipped with the "Ambient lighting" package, you can turn the display lighting on or off with this function.

- Call up Vehicle Settings (▷ page 40).
- To select Ambient Light: Display: turn and press the controller.
  The function switches on or off, depending on the previous setting.

ⓘ The brightness can be adjusted using the controller on the rotary light switch.

You can find further information on the interior lighting in the vehicle Operator's Manual.

Setting the EASY-ENTRY/EXIT feature

This function makes getting in and out of your vehicle easier.

- Call up Vehicle Settings (▷ page 40).
- To select Easy Entry/Exit: turn and press the controller.
  The setting element is active.
- To change the setting: press the controller.

You can find further information on the EASY-ENTRY/EXIT feature in the vehicle Operator's Manual.

Activating/deactivating the acoustic locking confirmation

P82.89-0425-31

You can also set an audible signal to confirm that the vehicle has been locked.

- Call up Vehicle Settings (▷ page 40).
- To select Acoustic Lock Feedback: turn and press the controller.
  The function switches on or off, depending on the previous setting.

You can find further information on the locking feature in the vehicle Operator's Manual.

Activating/deactivating the seat-belt adjustment function

P82.89-0426-31

The Belt Adjustment function adjusts the driver's and front-passenger seat belt to the upper body of the occupants.

- Call up Vehicle Settings (▷ page 40).
- To select Belt Adjustment: turn and press the controller.
  The function switches on or off, depending on the previous setting.

You can find further information on seat-belt adjustment in the vehicle Operator's Manual.

Activating/deactivating the automatic folding mirror function

P82.89-0427-31

When the Automatic Mirror Folding function is activated, the exterior mirrors fold in automatically as soon as you lock the vehicle from the outside. The exterior mirrors fold out automatically again as soon as you unlock the vehicle.

- Call up Vehicle Settings (▷ page 40).
- To select Automatic Mirror Folding: turn and press the controller.
  The function switches on or off, depending on the previous setting.

You can find further information on the automatic folding mirror function in the vehicle Operator's Manual.

Switching locator lighting on/off

If you switch on the Locator Lighting function, the exterior lighting is switched on for a short time when it is dark. The light switch must be set to AUTO (see the vehicle Operator's Manual).

The exterior lighting remains on for 40 seconds after the vehicle is unlocked. When you start the engine, the locator lighting is switched off and automatic headlamp mode is activated.

P82.89-0428-31

- Call up Vehicle Settings (▷ page 40).
- To select Locator Lighting: turn and press the controller.
- Press the controller.
  The function is switched on or off, depending on the previous status.

You can find further information on the locator lighting in the vehicle Operator's Manual.

Switching the automatic locking feature on/off

P82.89-0484-31

The vehicle is locked automatically when the ignition is switched on and the vehicle is traveling faster than walking pace.

- Call up Vehicle Settings (▷ page 40).
- To select Automatic Locking: turn and press the controller.
  The function switches on or off, depending on the previous setting.

You can find further information on the locking feature in the vehicle Operator's Manual.

Setting the delayed switch-off time

Interior lighting delayed switch-off

P82.89-0485-31

The interior lighting is activated for the duration of the delayed switch-off time when the SmartKey is removed from the ignition lock.

- Call up Vehicle Settings (▷ page 40).
- To select Interior Lighting Delayed Switch-off: turn and press the controller. The setting element is active.
- To change the delayed switch-off time: turn the controller.

You can find further information on the interior lighting in the vehicle Operator's Manual.

Exterior lighting delayed switch-off

If you switch on the Exterior Lighting Delayed Switch-off function, the exterior lighting is switched on for a short time after the engine is switched off. The light switch must be set to AUTO (see the vehicle Operator's Manual).

The exterior lighting remains on for 60 seconds after the engine is switched off. If you close all the doors and the tailgate, the exterior lighting switches off after the set time.

P82.89-0486-31

- Call up Vehicle Settings (▷ page 40).
- To select Exterior Lighting Delayed Switch-off: turn and press the controller. The setting element is active.
- To change the delayed switch-off time: turn the controller.

Activating/deactivating the trunk lid opening height restriction (Sedan)

P82.89-0169-31

Activating the Trunk Opening-height Restriction function allows you to avoid bumping the trunk lid on a low garage ceiling, for example. The setting via Audio 20 is only available in the C-Class Sedan.

- Call up Vehicle Settings (▷ page 40).
- To select Trunk Opening-height Restriction: turn and press the controller.
  The function switches on or off, depending on the previous setting.

360° camera

General notes

The 360° camera surveys the vehicle surroundings and assists you, for example when parking or at exits with reduced visibility.

The 360° camera is only an aid. It is not a replacement for your attention to your immediate surroundings. You are always responsible for safe maneuvering and parking. Make sure that no persons or animals are in the maneuvering range.

Further information on the 360°camera can be found in the vehicle Operator's Manual.

Displaying the 360° camera image

The 360° camera image can be displayed if:

- your vehicle is equipped with a 360° camera
- the 360° Camera function is switched on; see the vehicle Operator's Manual.

▶ Press the button.

or

▶ Press Vehicle in the main function bar. The vehicle menu is displayed.

▶ Select 360° Camera. The 360° camera image appears in split-screen mode.

You will see the previous view on the display if, when the function is switched on:

- you turn the SmartKey to position **1** in the ignition lock
- you select transmission position **P**
- when you are driving at moderate speeds

Switching the display off manually

▶ To select : slide and press the controller.

Switching the display on automatically

▶ You can automatically switch the 360 camera display using reverse gear (▷ page 44).

For more information on the 360° camera, see the vehicle Operator's Manual.

Switching the 360° camera automatic mode on/off

This function activates the 360° camera when reverse gear is engaged.

▶ Press the button.

or

▶ Press Vehicle in the main function bar. The vehicle menu is displayed.

▶ **To switch to the menu bar:** slide the controller.

▶ To select System Settings: turn and press the controller.

▶ To select 360° Camera: turn and press the controller. The 360° Camera menu appears.

▶ Select Activation by R gear. The function is switched on ☑ or off ☐, depending on the previous status.

Opening the camera cover for cleaning

▶ To select Open Camera Cover in the 360° camera menu: turn the controller and press to confirm. The Please Wait... message appears for approximately three seconds.

The camera cover opens.

The camera cover closes automatically if:

- the ignition is switched off
- the vehicle exceeds a moderate speed

Rear view camera

General notes

The rear view camera covers the immediate surroundings of the vehicle and assists you when parking.

The rear view camera is only an aid. It is not a replacement for your attention to your immediate surroundings. You are always responsible for safe maneuvering and parking. When maneuvering or parking, make sure that there are no persons, animals or objects in the area in which you are maneuvering.

You can find further information about the rear view camera in the vehicle Operator's Manual.

Switching the rear view camera automatic mode on/off

This function activates the rear view camera when reverse gear is engaged.

▶ Press the button.

or

▶ Press Vehicle in the main function bar. The vehicle menu is displayed.

▶ Slide the controller.

▶ To select System Settings: turn and press the controller.

▶ Select Rear View Camera. The Rear View Camera menu appears.

▶ Select Activation by R gear. The function is switched on ☑ or off ☐, depending on the previous status.

When you start the vehicle and engage reverse gear, the camera cover opens automatically if the function is activated. The area behind the vehicle is shown with guide lines in the display (see the vehicle Operator's Manual).

For further information on the rear view camera, see the vehicle Operator's Manual.

Object detection

The rear view camera can detect moving and stationary objects. If, for example, a pedestrian or another vehicle is detected, these objects are marked with bars. The system is able to detect and mark stationary objects when your vehicle is moving. Moving objects will always be detected and marked.

Switching object detection on/off

▶ To select Object Detection in the rear view camera menu: turn and press the controller. The function is switched on ☑ or off ☐, depending on the previous status.

Opening the camera cover for cleaning

▶ To select Open Camera Cover in the rear view camera menu: turn and press the controller. The Please Wait... message appears for approximately three seconds.

The camera cover opens.

The camera cover closes automatically if:

- the ignition is switched off
- the vehicle pulls away

Climate control settings

Overview

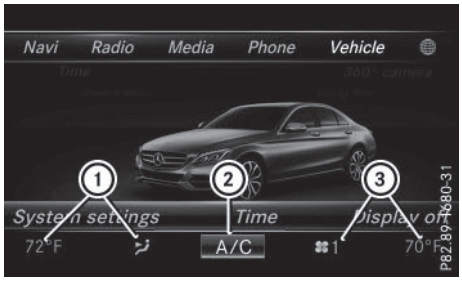
You can adjust the climate control settings using the climate control bar (▷ page 46) or the climate control menu (▷ page 47).

You can set the most important climate control functions, such as temperature (▷ page 46), airflow (▷ page 46) and air distribution (▷ page 46) using the climate control bar. The climate control bar is visible in most displays.

You can find all available climate control functions in the climate control menu. You can use the climate control bar (▷ page 46) to switch to the climate control menu.

Settings in the climate control bar

Overview



① Adjusts temperature and air distribution and displays the current setting

② Calls up the climate control menu and displays the current cooling setting

③ Adjusts air distribution and temperature and displays the current setting

Calling up the climate control bar

▶ Press the button.

or

▶ Press Vehicle in the main function bar. The vehicle menu is displayed.

▶ Slide the controller repeatedly until the climate control bar is activated.

Setting the temperature

▶ Call up the climate control bar (▷ page 46).

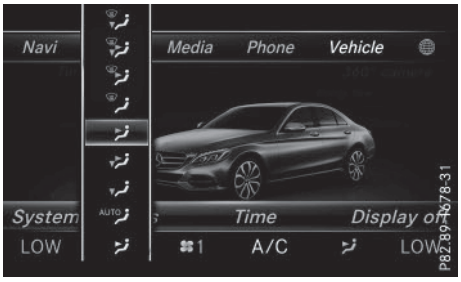
▶ To select the current temperature on the left or right: turn and press the controller. The temperature setting scale appears.

▶ To change the setting: turn the controller.

▶ To close the temperature setting scale: press the controller.

You can also use the climate control menu to set the temperature (▷ page 47).

Setting the air distribution



▶ Call up the climate control bar (▷ page 46).

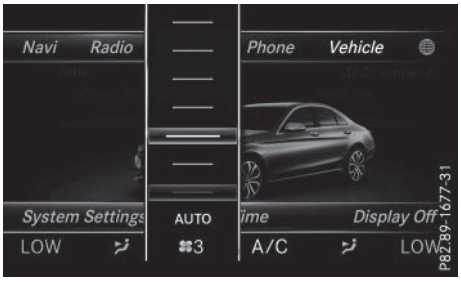
▶ To select the current air distribution display, e.g. : turn and press the controller.
The air distribution setting scale appears.

▶ To change the setting: turn the controller.

▶ To close the temperature setting scale: press the controller.

You can also use the climate control menu (▷ page 48) to set the air distribution.

Setting the airflow



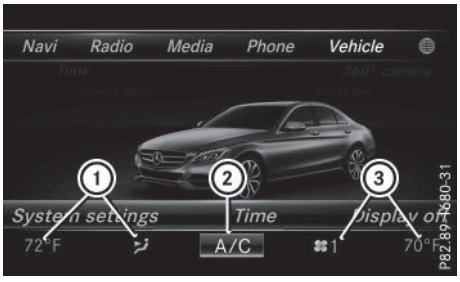
▶ Call up the climate control bar (▷ page 46).

▶ To select : turn and press the controller.
The airflow setting scale appears.

▶ To change the setting: turn the controller.
▶ To close the temperature setting scale: press the controller.

ⓘ You can also use the climate control menu (▷ page 47) to set the airflow.

Calling up the climate control menu



▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.
▶ Slide the controller repeatedly until the climate control bar is activated.
▶ To select from climate control bar ②: turn and press the controller.
The menu for selecting climate control functions is activated.
▶ To select the desired climate control function: turn and press the controller.
The selected climate control function appears.

Settings in the climate menu

Adjusting the climate mode settings

By setting the climate mode you determine the type of airflow. The setting is active when the air-conditioning system is set to AUTO, see the vehicle Operator's Manual.

▶ Call up the climate control menu (▷ page 48).
▶ To select Climate Mode: turn and press the controller.
▶ To change the setting: turn the controller.

Exiting a menu:

▶ Press the button.

The current airflow setting is shown in the climate control bar: DIFFUSE, MEDIUM or FOCUS (▷ page 46).

Starting/stopping the perfume atomizer

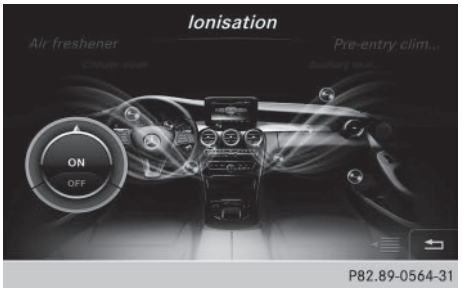
The perfume atomizer makes it possible to scent the air in individual compartments in the vehicle interior. Further information (see the vehicle Operator's Manual).

- ▶ Call up the climate control menu (▷ page 48).
- ▶ To select Air Freshener: turn and press the controller.
  The setting element is active.
- ▶ To start/stop the perfume atomizer: press the controller.
- ▶ To set the intensity: turn the controller when the atomizer is switched on.

Exiting a menu:

- ▶ Press the ⮌ button.

Switching the ionization on/off



The ionization has a cleansing effect on the air in the vehicle interior. Further information (see the vehicle Operator's Manual).

- ▶ Call up the climate control menu (▷ page 48).
- ▶ To select Ionization: turn and press the controller.
  The setting element is active.
- ▶ To switch the ionization on/off: press the controller.

Exiting a menu:

- ▶ Press the ⮌ button.

Pre-entry climate control via SmartKey

This function is available for hybrid and PLUG-IN HYBRID vehicles.

Hybrid: before getting in, the driver's seat area can be briefly warmed or ventilated in advance with the air from the air vents being pre-cooled.

PLUG-IN HYBRID: before getting in, the driver's seat area or the whole interior can be briefly warmed or ventilated in advance with the air from the air vents being pre-cooled.

- ▶ Call up the climate control menu (▷ page 47).
- ▶ **To select** Pre-entry Climate Control via Key**:** turn and press the controller.
- ▶ **To switch on or off:** turn and press the controller.

Exiting a menu:

- ▶ Press the ⮌ button.

Further information on pre-entry climate control; see the vehicle Operator's Manual.

Pre-entry climate control at time of departure

This function is available for PLUG-IN HYBRID vehicles.

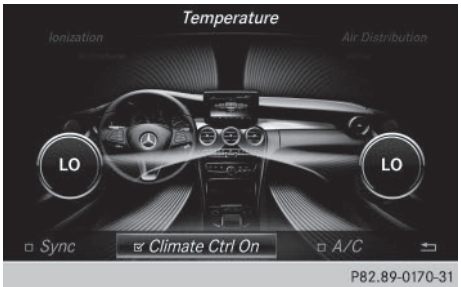
You can climatize the driver's seat and the vehicle interior in time for the set departure time.

- ▶ Call up the climate control menu (▷ page 47).
- ▶ **To select** Pre-entry Climate Ctrl. at Departure Time: turn and press the controller.
  A rotary menu appears.
- ▶ **To select the desired setting:** turn the controller.
  The menu symbol, text and image show the selected setting.
- ▶ **Exiting a menu:**
  Press the ⮌ button.

Settings in the bottom bar of the climate control menu

Switching climate control on/off

This setting is made in the bottom bar of the climate control menu.



- ▶ Call up the climate control menu (▷ page 48).
- ▶ Slide ◎⬇ the controller repeatedly until the bottom bar is activated.
- ▶ To select ☑ Climate Ctrl On: turn and press the controller.

The climate control is switched on ☑ or off ☐ depending on the settings.

If the climate control is switched off:

- the climate control setting functions are deactivated.
- the blower is switched off.
- the air recirculation flaps are closed.

Switching cooling with air dehumidification on/off

This setting is made in the bottom bar of the climate control menu.

- ▶ Call up the climate control menu (▷ page 48).
- ▶ Slide ◎⬇ the controller repeatedly until the bottom bar is activated.
- ▶ To select A/C: turn and press the controller.
- ▶ Switch cooling with air dehumidification on ☑ or off ☐.

ⓘ Deactivating the cooling with air dehumidification function reduces fuel consumption.

Synchronizing the climate control settings

Use ☑ Sync (synchronization) to select the climate control setting for all zones together ☑ or separately ☐.

This setting is made in the bottom bar of the climate control menu.

- ▶ Call up the climate control menu (▷ page 48).
- ▶ Slide ◎⬇ the controller repeatedly until the bottom bar is activated.
- ▶ To select ☑ Sync: turn and press the controller.
- ▶ Switch the synchronization function on ☑ or off ☐.

For further information on synchronizing climate control settings (see the vehicle Operator's Manual).

DYNAMIC SELECT

General notes

This menu is available for vehicles with an automatic transmission. Press DYNAMIC SELECT to configure the following settings for the Individual drive program:

- Drive system
- Suspension
- Steering
- Climate control
- ECO start/stop function

You can also display current vehicle and engine data as well as the selected drive program.

ⓘ In a few countries, the ECO start/stop function is deactivated at the factory due to the available fuel grade. In this case, the ECO start/stop function is not available regardless of the display in the Audio 20 display.

The ECO Assist setting is available on PLUG-IN HYBRID vehicles.

In Mercedes AMG C63 vehicles, you can configure the following settings with DYNAMIC SELECT for the Individual drive program:

- Drive system
- Suspension
- Transmission
- Sports exhaust system
- Electronic Stability Program ESP®

There may be fewer settings depending on your vehicle's equipment.

For further information on the Individual drive program, see the vehicle Operator's Manual.

Configuration via the DYNAMIC SELECT switch

There may be fewer settings depending on your vehicle's equipment.

▶ Use the DYNAMIC SELECT switch to select the Individual drive program; see the vehicle Operator's Manual.
A window appears after a short while.

▶ **To confirm** Adjust: press the controller.
The menu for setting the Individual drive program appears.

▶ **To select** Drive, Suspension, Steering, Climate Control or Eco Start/Stop Function**:** turn and press the controller.

▶ Select individual settings.

In Mercedes-AMG C63 vehicles, you can only configure the settings of the drive system, suspension, transmission, sports exhaust system and Electronic Stability Program ESP®.

Calling up vehicle data

There may be fewer displays depending on your vehicle's equipment.

▶ Press the button.

or

▶ Press Vehicle in the main function bar.
The vehicle menu is displayed.

▶ **To select** DYNAMIC SELECT**:** turn and press the controller.
The Vehicle Data and Engine Data menus appear.

▶ **To select the desired time zone:** turn and press the controller.

Setting options

You can choose from the following settings for the drive:

C	Comfort
S	Sport
S+	Sport +
M	Manual
E	Eco

You can make the following settings for the suspension:

C	Comfort
S	Sport
S+	Sport +

You can make the following settings for the steering:

C	Comfort
S	Sport

You can choose from the following settings for climate control:

E	Eco
C	Comfort

You can choose from the following settings for the ECO start/stop function:

ON	Switches the ECO start/stop function on
Unlit	Switches the ECO start/stop function off

You can make the following settings for ECO Assist (PLUG-IN HYBRID vehicles):

ON	Switches ECO Assist on
Unlit	Switches ECO Assist off

Settings options for Mercedes-AMG C63 vehicles

You can choose from the following settings for the drive:

R	Race
C	Comfort
S	Sport
S+	Sport +

You can make the following settings for the suspension:

C	Comfort
S	Sport
S+	Sport +

You can choose from the following settings for the transmission:

D	Automatic
M	manually

You can make the following settings for the sports exhaust system:

C	Comfort
S	Sport
S+	Sport +

You can choose from the following settings for the Electronic Stability Program ESP®:

S	Sport
ON	Activates the Electronic Stability Program ESP®

You can find further information on the individual drive program in the vehicle Operator's Manual.

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Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

GARMIN® MAP PILOT navigation module

Important safety notes

⚠ **WARNING**

If you operate information systems and communication equipment integrated in the vehicle while driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident.

Only operate the equipment when the traffic situation permits. If you are not sure that this is possible, park the vehicle paying attention to traffic conditions and operate the equipment when the vehicle is stationary.

When using GARMIN® MAP PILOT, please observe the legal requirements of the country in which you are currently driving.

Always observe the traffic regulations when driving. Road and traffic rules and regulations always have priority over GARMIN® MAP PILOT driving recommendations.

⚠ **WARNING**

SD memory cards are small parts. They can be swallowed and cause asphyxiation. This poses an increased risk of injury or even fatal injury.

Keep SD memory cards out of the reach of children. If an SD memory card is swallowed, seek immediate medical attention.

General notes

The SD card box contains a quick guide to GARMIN® MAP PILOT. The GARMIN® MAP PILOT operating instructions are stored on the SD memory card as a PDF file.

GARMIN® MAP PILOT can be operated using the controller or the touchpad.

SD memory card and updates

▶ **To insert the SD memory card:** insert the SD memory card into the multimedia connector unit until it engages. The side with the contacts must face downwards and point towards the slot.

ⓘ Ensure that the write protection on the SD memory card is deactivated. To do this, the switch on the side must be pushed in the direction of the contacts and not the LOCK position.

▶ Follow the steps as instructed (observe the manufacturer's operating instructions).

You can obtain digital map and software updates from an authorized Mercedes-Benz Center.

For some countries, digital map and software updates are available in the form of a download or an SD memory card. To access them, visit the **http://shop.mercedes-benz.com** website and follow the instructions in the section "Garmin® MAP PILOT".

Further information; see the manufacturer's operating instructions.

Switching to navigation mode

▶ Press the NAVI button.
The navigation main menu appears. Further information; see the manufacturer's operating instructions.

Adjusting the volume

During a navigation announcement:

▶ Turn the thumbwheel to the right of the controller.

or

▶ Press the + or − button on the multifunction steering wheel.

You can set the volume for navigation announcements to be different from the volume of the respective media source.

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Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

⚠ **WARNING**

If you operate mobile communication equipment while driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident.

Only operate this equipment when the vehicle is stationary.

If you make a call on your mobile phone while driving, always use hands-free mode. Only use the mobile phone when road, weather and traffic conditions permit. Some jurisdictions prohibit the driver from using a mobile phone while driving a vehicle.

Bear in mind that at a speed of 30 mph (approximately 50 km/h), the vehicle covers a distance of 44 feet (approximately 14 m) per second.

Excessive levels of electromagnetic radiation may cause damage to your health and the health of others.

There is scientific discussion surrounding the possible health risks posed by electromagnetic fields. You can reduce this risk by using an exterior antenna.

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

General notes

Telephony

A Bluetooth® interface is available for telephony.

If your mobile phone supports the PBAP Bluetooth® profile (**P**hone **B**ook **A**ccess **P**rofile), the contacts are automatically displayed in Audio 20.

You can use the message function if your mobile phone supports the MAP Bluetooth® profile (**M**essage **A**ccess **P**rofile).

With a suitable mobile phone, you can use the hands-free system and receive vCards via the Bluetooth® interface.

You can obtain more information about suitable mobile phones on the Internet at **www.mercedes-benz-mobile.com**.

Or call the Mercedes-Benz Customer Assistance center at 1-800-FOR-MERCedes(1-800-367-6372) for the USA or at 1-800-387-0100 for Canada.

HD Voice®

Audio 20 supports telephone calls in HD Voice®. The voice quality can be improved with this procedure.

Requirements for HD Voice®:

- Your mobile phone and mobile phone network provider support HD Voice®.
- The mobile phone and mobile phone network provider of the person you are calling support HD Voice®.

Depending on the quality of the connection, the voice quality may fluctuate.

Call disconnection while the vehicle is in motion

A call may be disconnected if:

- there is insufficient network coverage in certain areas.
- you move from one transmitter/receiver area (cell) into another and no channels are free.
- you use a SIM card that is not compatible with the network available.

Operating options

You can operate the telephone by:

- using the controller by turning, pressing, sliding ◂◎▸ or ▴◎▾
- using the touchpad (▷ page 21)
- using the [ ] or [ ] button on the multifunction steering wheel

All descriptions and illustrations in this section refer to Audio 20, unless stated otherwise.

Function restrictions

You may have to wait before using telephony via Audio 20 in the following situations:

- when the mobile phone is switched off
- if Bluetooth® is switched off on the mobile phone
- if the mobile phone has not logged on to a mobile phone network
- if the Bluetooth® function is switched off in Audio 20

The telephone automatically tries to log on to a network. If no network is available, you may not be able to make a "**911**" emergency call. If you attempt to make an outgoing call, the No Service message will appear for a short while.

"911" emergency call

The following requirements must be fulfilled for a **911** emergency call:

- a valid and operational SIM card is inserted in the mobile phone
- the mobile phone is switched on
- the PIN has been entered in the mobile phone
- a mobile phone network is available
- the mobile phone is connected to Audio 20 via Bluetooth®

If you cannot make an emergency call, you must arrange rescue measures yourself.

Making an emergency call:

▶ Enter the telephone number (▷ page 65).

▶ Press [ ].
The telephone makes the connection.

▶ Wait until the emergency call center answers and describe the emergency situation.

Telephone menu

① Mobile phone network provider
② Signal strength of the mobile phone network
③ Receiver icon [ ] or [ ]
④ Bluetooth® device name of the currently connected mobile phone
⑤ Telephone menu character bar
⑥ To display the phone book

Symbols ① to ④ are not shown until after a mobile phone has been connected to Audio

20. The symbols depend on your mobile phone and your mobile phone network provider. Further information on connecting a mobile phone (▷ page 60).

Symbol ② shows the current signal strength of the mobile phone network. If all bars are filled, you have optimum reception.

If the bars are not filled, you have very poor reception or no reception at all.

ⓘ Receiver icon shows whether a call is active/being connected or not .

Calling up the telephone menu

▶ Press TEL.

Showing the menu bar

▶ Slide ◎ the controller.

If the mobile phone connected supports the MAP Bluetooth® profile (**M**essage **A**ccess **P**rofile), the menu item is available. Further information on text messages (▷ page 75).

If you have an unread text message, the mail symbol is displayed at the top in the status bar. The symbol disappears once you have read the text message.

Connecting/disconnecting a mobile phone

Prerequisites

For telephony via the Bluetooth® interface, you require a Bluetooth®-capable mobile phone. The mobile phone must support Hands-Free Profile 1.0 or above.

On Audio 20

▶ Activate Bluetooth® (▷ page 34).

On the mobile phone

▶ Switch on the mobile phone and enter the PIN when prompted to do so (see the manufacturer's operating instructions).

▶ Activate Bluetooth® and, if necessary, Bluetooth® visibility for other devices (see the manufacturer's operating instructions). This visibility is for restricted periods of time on some mobile phones (see the manufacturer's operating instructions).

▶ Set the Bluetooth® device name for the mobile phone if necessary.

The Bluetooth® device names for all of one manufacturer's products might be identical. To make it possible to clearly identify your mobile phone, change the device name (see the manufacturer's operating instructions). The name can be freely selected.

If the mobile phone supports the PBAP (**P**hone **B**ook **A**ccess **P**rofile) and MAP (**M**essage **A**ccess **P**rofile) Bluetooth® profiles, the following information will be transmitted after you connect:

- Phone book
- Call lists
- Messages

Further information on allowing or suppressing the automatic download of the phone book (▷ page 70).

The battery of the mobile phone should always be kept sufficiently charged in order to prevent malfunctions.

ⓘ Not all mobile phones available on the market are equally suitable. You can obtain more detailed information about suitable mobile phones and about the connection between the mobile phone and Audio 20 on the Internet at **www.mercedes-benz-mobile.com**.

You can also obtain more information by calling.

In the USA, you can get in touch with the Mercedes-Benz Customer Assistance Center on 1-800-FOR-MERCedes (1-800-367-6372).

In Canada, you can get in touch with the Customer Relations Center on 1-800-387-0100.

ⓘ Some displays (e.g. the signal strength) depend on the supported version of the Hands-Free Profile.

Procedure and general information

Searching for and authorizing (connecting) a mobile phone

Before using your mobile phone with Audio 20 for the first time, you will need to search for it (▷ page 61) and then authorize it (▷ page 62). Depending on the mobile phone, authorization either takes place by means of Secure Simple Pairing or by entering a passkey. Audio 20 automatically enables the procedure suited to your mobile phone. You can recognize Secure Simple Pairing by a code which is displayed in Audio 20 and on the mobile phone. You can recognize the passkey system by the fact that you have to enter a code on the mobile phone and in Audio 20. The mobile phone is always connected automatically after authorization.

If Audio 20 is unable to detect your mobile phone, this may be due to your mobile phone security settings. You can also start the search procedure and authorization on the mobile phone (▷ page 63).

Device-specific information on authorizing and connecting Bluetooth®-capable mobile phones can be found on the Internet at **http://www.mercedes-benz.com/connect**.

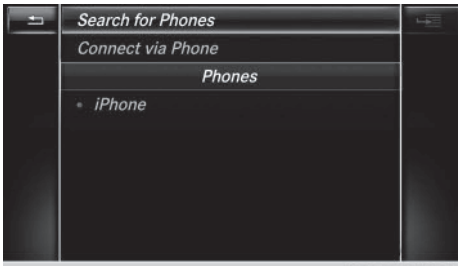
You can authorize up to 15 mobile phones. Only one mobile phone can be connected to Audio 20 at any one time.

De-authorizing (disconnecting) a mobile phone

The connection is terminated automatically if you leave the receiver range of Audio 20 or deactivate Bluetooth® on your mobile phone.

If you no longer want the Bluetooth® connection to be established automatically, the mobile phone must be de-authorized (disconnected) (▷ page 64).

Searching for a mobile phone



- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar in the telephone menu: slide ◎⬇ the controller.
- ▶ To select Connect Device: turn and press the controller.
  The device list is displayed.
- ▶ To select Search for Phones: turn and press the controller.
  A message is displayed that Bluetooth® must be activated on the mobile phone and must be made visible to other devices.
- ▶ To select Start Search: press the controller.
  The available mobile phones are displayed in the device list.

The duration of the search depends on the number of Bluetooth® telephones within range and their characteristics.

If a new phone is found, it appears in the device list with the symbol. You can now authorize (connect) the mobile phone found (▷ page 62).

If the maximum number of authorized devices in the device list is reached, you will be requested to de-authorize a mobile phone (▷ page 64).

When you call up the device list again, de-authorized devices will be removed from the list. To update the device list, start the search again.

Symbols in the device list

Symbol	Explanation
	New mobile phone found, not yet authorized.
	Mobile phone is authorized, but is not connected.
•	Mobile phone is authorized and connected.

Authorizing a mobile phone (connecting)

Authorization via Secure Simple Pairing

If Audio 20 has found your mobile phone, you can authorize (connect) it.

▶ To select a mobile phone from the device list: turn the controller and press to confirm.
A code is displayed in Audio 20 and on the mobile phone.

The code is the same

▶ **Audio 20:** select Yes.

▶ **Mobile phone:** confirm the code. Depending on the mobile phone used, you may have to confirm the connection to Audio 20 and for the PBAP and MAP Bluetooth® profiles. The prompt to confirm may take up to two minutes to be displayed. You may also save the confirmation on the mobile phone (see the manufacturer's operating instructions).
The mobile phone is now authorized and connected to Audio 20. You can now speak using the hands-free system.

To ensure an optimum language quality, you can set the mobile phone's transmission and reception volume (▷ page 64).

The code is different

▶ **Audio 20:** select No.
The process is canceled. Repeat the authorization.

Authorization via passkey entry (access code)

If Audio 20 has found your mobile phone, you can authorize (connect) it.

▶ To select the Bluetooth® name of the desired mobile phone in the device list: turn and press the controller.
The input menu for the passkey is displayed.
The passkey is a one- to sixteen-digit number combination which you can choose yourself.

▶ **Audio 20:** enter the passkey using the character bar.

▶ Select ok once all the numbers have been entered.

▶ **Mobile phone:** enter the same passkey and confirm your entry. Depending on the mobile phone used, you may have to confirm the connection to Audio 20 and for the PBAP and MAP Bluetooth® profiles. The prompt to confirm may take up to two minutes to be displayed. You may also save the confirmation on the mobile phone (see the manufacturer's operating instructions).
The mobile phone is now authorized and connected to Audio 20. You can now speak using the hands-free system.

To ensure an optimum language quality, you can set the mobile phone's transmission and reception volume (▷ page 64).

If the Authorization Failed message appears, you may have entered a different passkey or exceeded the prescribed time limit. Repeat the procedure.

ⓘ Some mobile phones require a passkey with four or more digits.

If you wish to re-authorize the mobile phone after de-authorizing it, you can choose another passkey for it.

Establishing the connection from the mobile phone

The Bluetooth® device name of Audio 20 is "MB Bluetooth".

- **Audio 20:** call up the telephone menu.
- To switch to the menu bar: slide ◎⬇ the controller.
- To select Connect Device: turn and press the controller.
  The device list is displayed.
- To select Connect via Phone: turn and press the controller.
  A message is displayed, stating that you can start the search on your mobile phone.
- **Mobile phone:** start the search for a Bluetooth® device (see manufacturer's operating instructions).
  Audio 20 is displayed with the name "MB Bluetooth" in the mobile phone's device list.
- Select "MB Bluetooth".
  A prompt appears in the Audio 20 display asking if the mobile phone should be authorized.
- **Audio 20:** select Yes.

  If No is selected, the procedure is canceled.
  If your mobile phone supports Secure Simple Pairing, a code is now displayed on both devices.

The code is the same

- **Audio 20:** select Yes.
- **Mobile phone:** confirm the code. Depending on the mobile phone used, you may have to confirm the connection to Audio 20 as well as confirm for the PBAP and MAP Bluetooth® profiles. The prompt to confirm may take up to two minutes to be displayed. You may also save the confirmation on the mobile phone (see the manufacturer's operating instructions).
  The mobile phone is now authorized and connected to Audio 20. You can now speak using the hands-free system.

To ensure an optimum language quality, you can set the mobile phone's transmission and reception volume (▷ page 64).

The code is different

- **Audio 20:** select No.
  The process is canceled. Repeat the procedure.

If your mobile phone does not support Secure Simple Pairing, an input menu is displayed for the passkey. The passkey is a one- to sixteen-digit number combination which you can choose yourself. Enter the same passkey on both Audio 20 and the mobile phone and confirm. Depending on the mobile phone used, you may have to confirm the connection to Audio 20 and for the PBAP and MAP Bluetooth® profiles.

Reconnecting automatically

Audio 20 always searches for the last mobile phone connected.

If no connection can be made to the most recently connected mobile phone, the system searches for the mobile phone that was connected before that one.

Switching between mobile phones

If you have authorized more than one mobile phone, you can switch between the individual phones.

- To call up the telephone menu: press the TEL button.
- To show the menu bar: slide ◎⬇ the controller.

- To select Connect Device: turn and press the controller.
  The device list is displayed.
- To select the desired mobile phone: turn and press the controller.
  The selected mobile phone is searched for and connected if it is within Bluetooth® range and if Bluetooth® is activated.

Only one mobile phone can be connected at any one time. The currently connected mobile phone is indicated by the • dot in the device list.

ⓘ You can only switch to another authorized mobile phone if you are not currently making a call.

De-authorizing (disconnecting) a mobile phone

Mercedes-Benz USA, LLC recommends de-authorization in Audio 20 as well as in the mobile phone. Subsequent authorization may otherwise fail.

- To call up the telephone menu: press the TEL button.
- To show the menu bar: slide ◎⬇ the controller.
- To select Connect Device: turn and press the controller.
- To highlight the desired mobile phone in the device list: turn the controller.
- To select 📱: slide ◎➡ the controller.
- To select Deauthorize: turn and press the controller.
  A prompt appears, asking whether you really wish to de-authorize this device.
- To select Yes: turn and press the controller.
  The mobile phone is de-authorized.

ⓘ Before re-authorizing the mobile phone, you should also delete the device name MB Bluetooth from your mobile phone's Bluetooth® list.

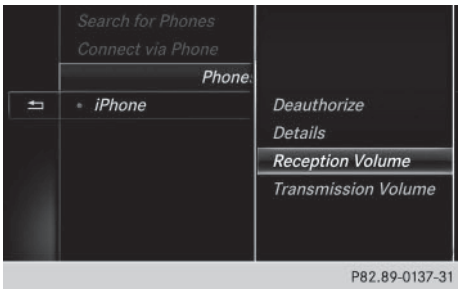
Displaying connection details

- To call up the telephone menu: press the TEL button.
- To switch to the menu bar in the telephone menu: slide ◎⬇ the controller.
- To select Connect Device: turn and press the controller.
- To highlight the desired mobile phone in the device list: turn the controller.
- To select 📱: slide ◎➡ the controller.
- To select Details: turn and press the controller.
  The following information concerning the selected mobile phone is shown:
  - Bluetooth® device name
  - Bluetooth® address
  - availability status (shown after a new search)
  - authorization status
- **To close the detailed display:** slide ⬅◎ the controller.

Reception and transmission volume

Once the mobile phone has been authorized, you can optimize the transmission and reception volume settings. To find out about the best possible settings for your mobile phone, visit **www.mercedes-benz-mobile.com**.

Or call the Mercedes-Benz Customer Assistance Center at 1-800-FOR-MERCedes (1-800-367-6372) (USA) or Customer Relations at 1-800-387-0100 (Canada).



- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Connect Device: turn the controller and press to confirm.
  The device list appears.
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select [📱]: slide ◎→ the controller.
- ▶ To select Reception Volume or Transmission Volume: turn and press the controller.
- ▶ To select a volume setting: turn the controller.
- ▶ To accept changes: press the controller.

ⓘ Incorrect settings may have an impact on the quality of calls.

Using the telephone

Accepting a call

- ▶ To select Accept: press the controller.

or

- ▶ Press [📞] on the multifunction steering wheel.
  The call is accepted.

Additional functions available during a call (▷ page 66).

Adjusting the call volume (▷ page 64).

Further information about ending a call (▷ page 68).

ⓘ If the phone number of the caller is transferred, it appears in the display. If the phone number is saved in the phone book, the contact's name is also displayed. If the phone number is not transferred, Unknown is shown in the display.

Rejecting a call

- ▶ To select Reject: turn the controller and press to confirm.

or

- ▶ Press [📵] on the multifunction steering wheel.

Making a call

Using the telephone menu

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To select all numbers one after the other in the telephone menu: turn and press the controller each time.
- ▶ To select [📞] in the telephone menu: turn and press the controller.
  The call is made.

Further information about ending a call (▷ page 68).

Using favorites

This function can be used when a telephone number has been added as a favorite. Further information about adding favorites (▷ page 27).

- ▶ Press the favorites button on the controller.
  The favorites are displayed.
- ▶ To select a telephone number: turn the controller.
- ▶ To make a call: press the controller.

Redial

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To select [📞] in the telephone menu: turn and press the controller.
  The list of outgoing calls is displayed. The most recently dialed number is at the top.
- ▶ To select an entry and make a call: turn and press the controller.

Further information about ending a call (▷ page 68).

Using call lists

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎⬇ the controller.
- ▶ To select Call Lists: turn and press the controller.
- ▶ To select Calls Received or Calls Dialed: turn and press the controller. The relevant list is displayed.
- ▶ To select an entry and make a call: turn and press the controller.

Further information about ending a call (▷ page 68).

Using the phone book

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To select Name in the telephone menu: turn and press the controller.
- ▶ Search for a contact (▷ page 69).
- ▶ To make a call: press the controller.

Further information about ending a call (▷ page 68).

Using speed dial

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To highlight a number from the character bar: turn the controller.
- ▶ Press the controller for longer than two seconds.
  The telephone menu displays the selected entry. The number is dialed.

Further information on setting up speed dial (▷ page 74).

Further information about ending a call (▷ page 68).

Functions available during a call

Overview

① Person you are calling
② Symbol for active telephone connection
③ To end a call
④ To switch the microphone on/off (▷ page 67)
⑤ To send DTMF tones (not possible with all mobile phones) (▷ page 67)

Available functions:

- Accepting a waiting call (▷ page 68)
- Making a second call (▷ page 66)
- Call waiting (▷ page 67)

Availability depends on the network (only possible in the GSM network) and on the Bluetooth® mobile phone.

Adding a call

If the mobile phone network provider and the mobile phone support the function, you can make another call during an existing call. The previously active call is held.

① Adds a call

- ▶ To select ✆_2: turn and press the controller.
- ▶ Make a call:
  - Using the telephone menu (▷ page 65)
  - Redial (▷ page 65)
  - Using call lists (▷ page 73)
  - Using the phone book (▷ page 65)
  - Using speed dial (▷ page 65)

Switching the microphone on/off

This function is available in the telephone menu during an active phone call.

Switching off the microphone:

- ▶ To switch to the menu bar: slide ◎ the controller.
- ▶ To select Microphone Off: turn and press the controller.
  If the microphone is switched off, the ⊗ symbol and the The microphone is off. message are displayed.

Switching on the microphone:

- ▶ Select Microphone On.
  The ⊗ symbol disappears. The The microphone is on. message is shown.

Sending DTMF tones

This function is not supported by all mobile phones.

Answering machines or other devices can be controlled by DTMF tones, e.g. for remote query functions.

- ▶ If you would like to listen to the messages on your answering machine, for example, dial the corresponding number.

Transmitting individual characters:

- ▶ Once a connection has been established to the answer phone, select the desired characters in the telephone menu: turn and press the controller each time.
  Every character selected will be transmitted immediately.

Calls with several participants

Switching between calls (call waiting)

If you make another call, you can switch between the two calls (call waiting). This function depends on your mobile phone network provider and the mobile phone (see the manufacturer's operating instructions).

The calls are marked 1 and 2. The active call is highlighted.

Switching between the calls:

- ▶ To select ✆_1 or ✆_2: turn and press the controller.

or

- ▶ Press [✆] on the multifunction steering wheel.
  The selected call is active. The other call is on hold.

Ending the active call:

- ▶ To select [✆] in the telephone menu: turn and press the controller.

or

- ▶ Press [✆] on the multifunction steering wheel.
  The other call is still on hold.
- ▶ To activate the call on hold: select ICON_Send Resume.
  The call on hold is activated. If you select Hang Up, the call on hold is also ended.

ⓘ On some mobile phones, the call on hold is activated as soon as the active call is ended.

Conference call

You can interconnect active and held calls. This permits several parties to hear one another and speak with one another. This function depends on your mobile phone network provider and the mobile phone (see the manufacturer's operating instructions).

▶ Add a call (▷ page 66).

or

▶ Answer an incoming call (▷ page 68).

▶ To select Conference in the telephone menu: turn and press the controller.
The new participant is included in the conference call. Conference is displayed in the telephone menu.

Incoming call during an existing call (call waiting)

The call waiting function depends on your mobile phone network provider and your mobile phone. Depending on the mobile phone used, behavior when answering a call may vary (see the manufacturer's operating instructions).

Call waiting: if you receive a call while already in a call, a message is shown. You also hear a tone. You can decide whether to accept or reject the call.

Accepting:

▶ To select Accept: press the controller.

or

▶ Press on the multifunction steering wheel.
The incoming call is active, the previously active call is on hold. You can switch back and forth between both calls (call waiting) (▷ page 67).

ⓘ Depending on the mobile phone, you may also be able to accept the incoming call (call waiting) on your mobile phone. This function and behavior depends on your mobile phone network provider and the mobile phone (see the manufacturer's operating instructions).

Rejecting:

▶ To select Reject: turn the controller and press to confirm.

or

▶ Press on the multifunction steering wheel.
The behavior after the call is rejected depends on your mobile phone and mobile phone network provider.

Option 1: The originally active call is continued and the incoming call is rejected.

Option 2: The originally active call is ended and the incoming call is accepted.

Option 3: Both calls are ended.

Ending an active call

▶ To select in the telephone menu: turn and press the controller.

or

▶ Press on the multifunction steering wheel.
The active call is ended.

Phone book

Introduction

The telephone book displays all the contacts.

The mobile phone's telephone book is automatically displayed in Audio 20 after connection (default setting). You can deactivate automatic calling up (▷ page 70).

In the telephone book, you can:

- Search for contacts (▷ page 69)
- Store contacts (▷ page 71)
- Delete contacts (▷ page 71)

Further information on importing contacts (▷ page 71).

ⓘ Between 1000 and 2000 contacts can be stored permanently in the phone book.

When you import or save contacts, they will be permanently saved in Audio 20. These contacts will remain there even when you connect Audio 20 to a different mobile phone. You can view these contacts even without a mobile phone.

Calling up the phone book

▶ To call up the telephone menu: press the TEL button.

▶ To select Name in the telephone menu: turn and press the controller.
If the phone book contains contacts, they will be displayed in alphabetical order. The character bar at the bottom of the display is active.
You can now search for a contact (▷ page 69).
Further information on the symbols shown (▷ page 69).

ⓘ You can also call up the telephone book with the multifunction steering wheel (see the separate operating instructions).

Symbol overview

Symbol	Explanation
	Contact that was saved on Audio 20.
	Contact that was called up from a mobile phone
	Contact imported from a USB device.
BT	Contact imported via the Bluetooth® interface.

Searching for a contact

Using the character bar

You determine the first letter of the contact you are looking for with the first character you enter.

▶ To select characters: turn the controller and press to confirm.
The first contact with the selected first character is highlighted in the phone book.

If there are similar contacts, the next different character is shown. For example, with contacts such as Jana and John, the beginnings of the names are identical. The next different character A and O are offered for selection.

- ▶ Select the characters of the contact you are searching for one by one, pressing and confirming with the controller each time.
- ▶ To select ok : turn and press the controller.
  The contacts in the phone book are displayed.
- ▶ To select a contact: turn and press the controller.

If a contact contains more than one phone number:

- ▶ To select and call a telephone number: turn and press the controller.

Back to the character bar:

- ▶ Press the ⮌ button repeatedly until the character bar is displayed.

Using the touchpad

You determine the first letter of the contact you are looking for with the first character you enter.

- ▶ Draw the letter on the touchpad surface.
  The first contact with the selected first character is highlighted in the phone book.
  Further information on handwriting recognition on the touchpad (▷ page 23).
- ▶ Draw additional letters on the touchpad surface one after another.
- ▶ To complete the search and return to the phone book: press the touchpad.
- ▶ To select the contact: glide up or down and press.
  The contact's phone number is displayed.

If a contact contains more than one phone number:

- ▶ To select and call the sub-entry: glide up or down and press.

Displaying the details of a contact

- ▶ To select a contact in the phone book: turn and press the controller.
- ▶ To select Details: turn and press the controller.
  The detailed view appears.

Closing the detailed display:

- ▶ To select ⮌: slide ◂◎ the controller.

Changing the display and sorting criteria for contacts

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎▾ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ To select Display and Sorting: turn and press the controller.

You have the following options:

- Last Name, First Name (default setting)
  The contacts are sorted by surname and displayed with a comma.
- Last Name First Name
  The contacts are sorted by surname and displayed without a comma.
- First Name Last Name
  The contacts are sorted by first name and displayed without a comma.

- ▶ To select the required option: turn and press the controller.
  The contacts are sorted and displayed according to the selection.

Automatically importing contacts from the mobile phone

Depending on the mobile phone used, you can set whether the contacts should be called up automatically after the mobile phone is connected to Audio 20.

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ To select Automatically Import Contacts from Phone: turn and press the controller.
  You can allow ☑ or deactivate ☐ the automatic download.

If the function is deactivated, the contacts can be called up manually:

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ To select Call up Contacts: turn the controller and press to confirm.
  The contacts are called up.

Saving a contact

Saved contacts are indicated in the phone book by different symbols (▷ page 69).

- ▶ Search for a contact on the mobile phone (▷ page 69).
- ▶ To select : slide ◎→ the controller.
- ▶ To select Save: turn and press the controller.
  The contact has now been saved. The contact is identified by the symbol in the phone book.

ⓘ Saving the contact data on Audio 20 does not change the contacts on the mobile phone. If automatic calling up of phone contacts is activated, Audio 20 displays the copy with the changed data.

Deleting a contact

You can delete contacts that have been saved or imported in Audio 20.

- ▶ To highlight a contact in the phone book: turn the controller.
- ▶ To select : slide ◎→ the controller.
- ▶ To select Delete Contacts: turn and press the controller.
  A prompt appears asking whether the contact should be deleted.
- ▶ To select Yes: turn and press the controller.
  The phone number is deleted.

or

- ▶ To select No: turn and press the controller.
  The process is canceled.

Importing contacts

Information and requirements

You can import contacts (vCards) into the phone book via memory card, USB or Bluetooth®.

ⓘ Between 1000 and 2000 contacts can be imported into the phone book. A message notifies you when the maximum number is reached. In order to be able to then import new contacts, you have to delete existing contacts (▷ page 71).

Source	Prerequisites
Memory card	The SD memory card is inserted. It contains importable contact details.

USB device	The USB device is inserted into the USB port. It contains importable contact details.
Bluetooth® connection	If the sending of vCards is supported via Bluetooth®, vCards can be received on mobile phones or netbooks, for example. Bluetooth® must be activated in Audio 20 and on the respective device (see the manufacturer's operating instructions).

ⓘ If automatic calling up of the contacts is deactivated (▷ page 70), the Import from Phone option is available.

Importing from the memory card or USB device

Contacts imported from the memory card or from a USB device are identified by the symbol.

The following conditions must be fulfilled in order to import vCards:

- vCards (vcf files) may be located in the main directory or in folders. Audio 20 allows you to select the relevant folders directly.
- vCards must have the file extension ".vcf".

ⓘ vcf files may also contain multiple vCards.

Audio 20 supports vCards in versions 2.1 and 3.0.

▶ To call up the telephone menu: press the TEL button.
▶ To switch to the menu bar: slide ◎ the controller.
▶ To select Options: turn and press the controller.
▶ To select Download Contacts: turn and press the controller.
A menu appears.
▶ To select From Memory Card, USB 1 or USB 2 in the menu: turn and press the controller.

Receiving vCards via Bluetooth®

Audio 20:

▶ To call up the telephone menu: press the TEL button.
▶ To switch to the menu bar: slide ◎ the controller.
▶ To select Options: turn and press the controller.
▶ To select Download Contacts: turn and press the controller.
▶ To select From Bluetooth Device: turn and press the controller.
If Audio 20 is connected to a mobile phone, the connection is terminated. vCards can now be received by a device (PC, mobile phone) via Bluetooth®.

External device:

▶ Start the data transfer (see the manufacturer's operating instructions).
The number of vCards received is displayed in Audio 20.

Audio 20:

▶ To cancel the transfer: press the controller.
If a mobile phone was connected, the connection to the mobile phone is established again.

Received vCards are identified by the BT symbol in the phone book.

ⓘ If you switch to another main function, e.g. radio, while receiving vCards, the reception of vCards will be terminated.

Deleting imported contacts

▶ To call up the telephone menu: press the TEL button.
▶ To switch to the menu bar: slide ◎ the controller.

▶ To select Options: turn and press the controller.
▶ To select Delete Contacts: turn and press the controller.
▶ Select one of the following options:
- Internal Contacts
- Imported from Storage Device
- Imported from BT Devices
- Downloaded from Phone

Turn and press the controller.
▶ To select Yes: turn and press the controller. The contacts are deleted.

or

▶ To select No: turn and press the controller. The process is canceled.

Closing the phone book

▶ To select ⮌ from the character bar: turn the controller and press to confirm.

or

▶ Press the ⮌ button.

Call lists

Introduction

If your mobile phone supports the PBAP Bluetooth® profile, the call lists from the mobile phone are displayed in Audio 20. When connecting the mobile phone, you may have to confirm the connection for the PBAP Bluetooth® profile.

If your mobile phone does not support the PBAP Bluetooth® profile, Audio 20 generates its own call lists. These are not the same as the call lists in your mobile phone.

The Call list option is not available unless a mobile phone is connected to Audio 20.

ⓘ If you connect a different mobile phone to Audio 20, the call lists from the new mobile phone are displayed.

Opening the call list and selecting an entry

List of selected phone numbers (example)

① Date and time (if available)
② Telephone number of the highlighted entry and symbols (if assigned)

▶ To call up the telephone menu: press the TEL button.
▶ To switch to the menu bar: slide ◎ the controller.
▶ To select Call Lists: turn and press the controller.
▶ To select Calls Received or Calls Dialed: turn and press the controller. The relevant list is displayed.
▶ To select an entry and make a call: turn and press the controller.

Closing the call list

▶ To select ⮌ to the left of the list: slide ◎ the controller.

or

▶ Press the ⮌ button. The list is closed.

ⓘ You can also call up the list of dialed numbers by pressing the ✆ button when the telephone menu is shown. In this case, the list will only show names or phone numbers.

Displaying details from a list entry

Abbreviated list entries can also be shown in full.

- To call up the telephone menu: press the TEL button.
- To switch to the menu bar: slide ◎↓ the controller.
- To select Call Lists: turn and press the controller.
- To select Calls Received or Calls Dialed: turn and press the controller.
  The relevant list is displayed.
- To highlight the desired entry: turn the controller.
- To select 📇: slide ◎→ the controller.
- To select Details: turn and press the controller.
  The details are displayed.
- To go back to the list: slide ←◎ the controller repeatedly until the list is highlighted.

Speed dial lists

Setting up

- Call up the phone book (▷ page 69).
- Search for and select a contact (▷ page 69).
- To highlight the telephone number: turn the controller.
- To select 📇: slide ◎→ the controller.
- To select Assign Speed Dial Preset: turn and press the controller.
  The speed dial list is displayed.
- To select a memory position for the speed dial: turn and press the controller.

  If you select an entry that already exists in the speed dial list, this is overwritten with the new entry.
  The phone number has been saved as a speed dial.

Deleting

Deleting a speed dial preset

- To call up the telephone menu: press the TEL button.
- To call up the menu bar: slide ◎↓ the controller.
- To select Call Lists: turn and press the controller.
- Select Speed Dial Preset List.
  The speed dial list is displayed.
- To highlight the memory position you want to delete: turn the controller.
- To select 📇: slide ◎→ the controller.
- To select Delete Speed Dial Preset: turn and press the controller.
- To select Yes: turn and press the controller.
  The speed dial preset has been deleted.

or

- To select No: turn and press the controller.
  The process is canceled.

Deleting all speed dial presets

- To call up the telephone menu: press the TEL button.
- To call up the menu bar: slide ◎↓ the controller.
- To select Call Lists: turn and press the controller.
- Select Speed Dial Preset List.
  The speed dial list is displayed.
- To highlight the desired memory position: turn the controller.
- To select 📇: slide ◎→ the controller.
- To select Delete All Speed Dial Presets: turn and press the controller.
- To select Yes: turn and press the controller.
  All speed dials are deleted.

or

- To select No: turn and press the controller.
  The process is canceled.

Messages (text messages and e-mails)

General notes

New messages are identified by an audible signal and the ✉ symbol in the Audio display. Once you have read all the messages, the symbol is no longer displayed.

Audio 20 displays the 100 newest text messages.

Prerequisites

To use the message functions, the connected mobile phone must support the MAP Bluetooth® profile (see the manufacturer's operating instructions). The prompt for the MAP Bluetooth® profile may have to be confirmed on the mobile phone.

Some mobile phones with the MAP Bluetooth® profile only show new text messages or do not send messages when locked.

With some mobile phones, some settings still have to be made after connecting to Audio 20 (see the manufacturer's operating instructions). The messages are displayed the next time you connect to Audio 20.

Not all mobile phones available on the market are equally suitable. You can obtain further information about settings and supported functions of Bluetooth®-capable mobile phones on the Internet at **http://www.mbusa-mobile.com**.

Or call the Mercedes-Benz Customer Assistance Center at 1-800-FOR-MERCedes (1-800-367-6372) (for the USA) or Customer Relations at 1-800-387-0100 (for Canada).

Settings

Calling up the settings menu for messages

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎ the controller.
- ▶ To select ✉: turn and press the controller. The message menu appears.
- ▶ To switch to the menu bar: slide ◎ the controller.
- ▶ To select Settings: turn and press the controller. The text message settings are displayed.

Configuring the text messages displayed

- ▶ Call up the settings menu for messages (▷ page 75). A menu with the following options is shown:
  - All Messages
    All the messages are displayed.
  - New Messages
    Only the messages that are new on the mobile phone are displayed. You can also display the last 100 text messages using the Download option in the message menu.
  - Off
    The messages are not displayed automatically. You can display the 100 newest text messages from the mobile phone using the Download option in the message menu.
- ▶ To select the required option: turn and press the controller.

Downloading messages manually

- To call up the telephone menu: press the TEL button.
- To switch to the menu bar: slide ◎ the controller.
- To select ✉: turn and press the controller. The message menu is displayed.
- To switch to the menu bar: slide ◎ the controller.
- To select Download: turn and press the controller. The messages are downloaded.

If you have selected New Messages or Off in the text message settings, manual downloading is possible.

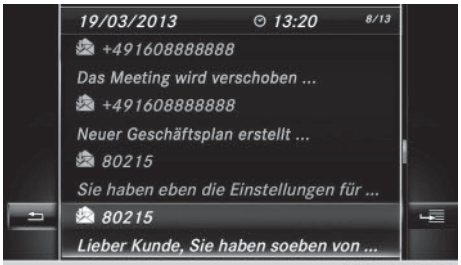
Reading messages

In the message menu

- To call up the telephone menu: press the TEL button.
- To switch to the menu bar: slide ◎ the controller.
- To select ✉: turn and press the controller. The message menu is displayed with the unread messages.
- To select the message: turn and press the controller. The message text is displayed.
- To close the message text: press the ⮌ button.

If you want to read messages that have already been read again, you have to call up the text message folder (▷ page 76).

In the message folder



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- To call up the telephone menu: press the TEL button.
- To switch to the menu bar: slide ◎ the controller.
- To select ✉: turn and press the controller. The message menu is displayed.
- To switch to the menu bar: slide ◎ the controller.
- To select Text Message: turn and press the controller. The text message folder is displayed.
- To select the message: turn and press the controller. The message is displayed.
- To scroll through the message or select phone numbers in the text: turn the controller. The display scrolls up or down line by line, or skips to the next or previous telephone number and automatically highlights it.
- To return to the list: press ⮌.

Displaying details and phone numbers

Audio 20 can also show the full details instead of the shortened sender display.

- To call up the telephone menu: press the TEL button.
- To switch to the menu bar: slide ◎ the controller.
- To select ✉: turn and press the controller. The message menu is displayed.
- To switch to the menu bar: slide ◎ the controller.

- To select Text Message: turn and press the controller.
  The text message folder is displayed.
- To highlight the desired message: turn the controller.
- To select : slide ◎→ the controller.
- To select Details: turn and press the controller.
  The detailed view appears.
- **To close the detailed display:** slide ←◎ the controller.
- **To return to the telephone menu:** press the BACK button.

Calling a text message sender

- Display the message (▷ page 76).
- To call up a menu: press the controller.
- To select Call Sender: turn and press the controller.
  The call is made.

Using a phone number in the text

Numbers in text messages that are highlighted can be used.

- To select a usable phone number while the message is displayed: turn and press the controller.
- To select Call Number: turn and press the controller.
  The call is made.

It is possible that a highlighted numerical sequence may not contain a telephone number.

Deleting messages

- Call up the text message folder (▷ page 76).
- To select the message: turn and press the controller.
- To select : slide ◎→ the controller.
- To select Delete: turn and press the controller.
- To select Yes: turn and press the controller.
  The message is deleted.

or

- To select No: turn and press the controller.
  The process is canceled.

This delete function is not supported by all mobile phones. The Delete failed. message then appears.

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Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

⚠ **WARNING**

If you operate information systems and communication equipment integrated in the vehicle while driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident.

Only operate the equipment when the traffic situation permits. If you are not sure that this is possible, park the vehicle paying attention to traffic conditions and operate the equipment when the vehicle is stationary.

You must observe the legal requirements for the country in which you are driving when operating the system.

General notes

Connection difficulties while the vehicle is in motion

The connection may be lost if:

- the mobile phone network coverage is insufficient
- the vehicle has moved into a mobile phone cell with no free channels
- the SIM card used is not compatible with the network available

Function restrictions (Canada)

You will not be able to use the Mercedes-Benz Apps and Internet connection, or will no longer be able to use them, or may have to wait before using them, in the following situations:

- when the mobile phone is switched off
- if your mobile phone has not been enabled for Internet access
- if the Bluetooth® function is switched off on Audio 20 and the desired phone is to be connected via Bluetooth®
- if the Bluetooth® function is switched off on the mobile phone and the phone is supposed to be connected via Bluetooth®
- if neither the mobile phone network nor the mobile phone allow simultaneous use of a phone and an Internet connection
- if the mobile phone has not been enabled for Internet access via Bluetooth®

The driver is not permitted to call up websites while driving and use of the Mercedes-Benz Apps is restricted.

ⓘ It is possible that you may not be able to receive calls when an Internet connection is active. This depends on the mobile phone and the mobile phone network used.

Conditions for access

USA: to use Mercedes-Benz Apps and Internet access, mbrace must be activated and operational. Furthermore, mbrace must be activated for Mercedes-Benz Apps and Internet access. Take note of the connection priorities. An emergency call has the highest priority. When a service call, e.g. a breakdown service call or the MB Info Call, is active, an emergency call can still be initiated. A service call, on the other hand, has priority over a current Internet connection. Therefore, you cannot establish an Internet connection during a service call.

Canada: a mobile phone must be connected via Bluetooth® (▷ page 60) with Audio 20. Furthermore, you need a valid mobile service contract with a data option, which is used to calculate the associated connection costs.

Conditions for a Bluetooth® connection

- The mobile phone supports at least one of the Bluetooth® profiles DUN (**D**ial-**U**p **N**etworking) or PAN (**P**ersonal **A**rea **N**etwork).

  The Bluetooth® profiles DUN and PAN enable the Internet connection of the mobile phone to be made available to the system.

The terms of use are shown when the system is used for the first time and then once a year thereafter. Only read and accept the terms of use when the vehicle is stationary.

The driver is not permitted to call up websites while driving and use of the Mercedes-Benz Apps is restricted.

ⓘ The availability of individual Mercedes-Benz Apps may vary depending on the country.

Setting up an Internet connection (Canada)

Procedure and general information

If you are using Internet access for the first time, you must enable the connected mobile phone for Internet access (▷ page 81). If the connected mobile phone supports the Bluetooth® PAN profile, you do not need to make additional settings. The Internet connection is established. If the connected mobile phone does not support the named Bluetooth® profile, predefined (▷ page 82) or manual access data (▷ page 82) must be set.

While initializing the mobile phone for the Internet connection, access data which is already on the mobile phone may be overwritten. You should therefore check the settings on the mobile phone (see the manufacturer's operating instructions).

Enabling the mobile phone for Internet access

▶ To display the main function bar: slide ↑◎ the controller.

▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.

▶ To switch to the menu bar: slide ◎↓ the controller.

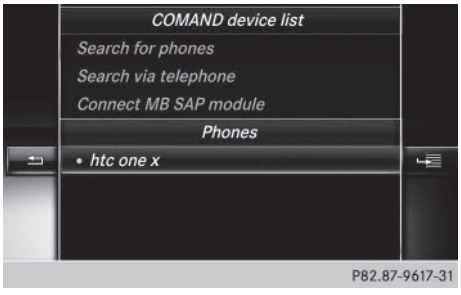
▶ To select Settings: turn and press the controller.

▶ To select Configure Internet Settings: turn and press the controller.
A message is displayed telling you that the settings for the Internet functions depend on your mobile phone network provider and your mobile phone.

If a mobile phone has already been enabled, the device list is displayed.

▶ To select Start Search: turn and press the controller.
Mobile phones are displayed that:

- are connected with Audio 20
- fulfill the conditions for the Internet functions
- have not yet been set up for the Internet function

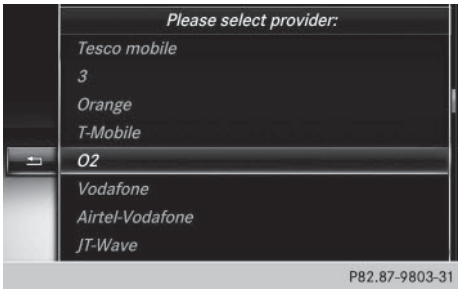


▶ To select a mobile phone from the device list: turn the controller and press to confirm.
If the mobile phone supports the Bluetooth® PAN profile, Internet access is set up. You can use the Internet functions.

If the connected mobile phone does not support the named Bluetooth® profile, predefined (▷ page 82) or manual access data (▷ page 82) must be set.

Setting access data of the mobile phone network provider

Selecting the predefined access data of the mobile phone network provider



▶ To select Predefined Settings: turn and press the controller.
A list of countries appears.

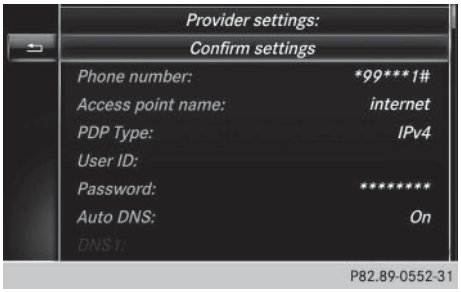
If the mobile phone network provider provides multiple access data options, the relevant access data still has to be selected. This depends on the data package used, for example.

To check whether the predetermined dial-in data corresponds with the dial-in data provided by your mobile phone network provider, proceed as follows (▷ page 84) and select Manual Settings. The access data is displayed.

The access data for the mobile phone network provider is selected once for the mobile phone connected and is loaded again each time the mobile phone is connected. Establishing a connection (▷ page 85).

You must set the access data of the mobile phone network provider who provides the SIM card and the associated data package (access settings) for the connected mobile phone. The access data remains the same when you are in a different country (roaming). The access data of another network is **not** selected.

Manually setting the access data of the mobile phone network provider



▶ To select Manual Settings: turn and press the controller.
An overview of the provider settings appears.

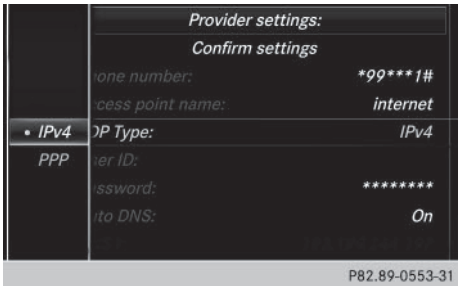
▶ Set access data (▷ page 83).

▶ To confirm settings: select Confirm Settings and turn and press the controller.

The access data for the mobile phone network provider is selected once for the mobile phone connected and is loaded again each time the mobile phone is connected. Establishing a connection (▷ page 85).

You must set the access data of the mobile phone network provider who provides the SIM card and the associated data package (access settings) for the connected mobile phone. The access data remains the same when you are in a different country (roaming). The access data of another network is **not** selected.

Setting access data



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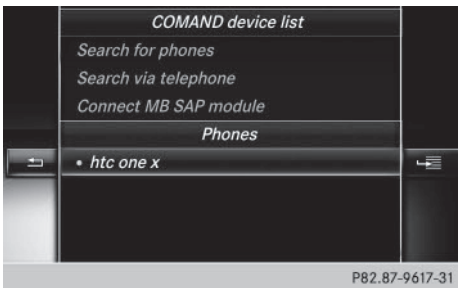
Set the access data in accordance with your data package. You can contact your mobile phone network provider to obtain the precise access data.

Explanation of the access data

Input field	Meaning
Phone Number:	Access number for establishing the connection The access number depends on the mobile phone used. For GSM/UMTS mobile phones, *99***1# is used as a standard.
Access Point:	APN network access point (**A**ccess **P**oint **N**ame) You can obtain this information from your mobile phone network provider. Entry is not necessary for all mobile phone network providers and mobile phones.
PDP Type:	Internet protocol used. You can obtain this information from your mobile phone network provider.
User ID:	The user identification can be obtained from your mobile phone network provider. Entry is not necessary for all mobile phone network providers.
Password:	The password can be obtained from your mobile phone network provider. Entry is not necessary for all mobile phone network providers.
Auto DNS:	Automatic allocation of DNS servers is activated. If the function is deactivated, the DNS server addresses must be entered manually. DNS (**D**omain **N**ame **S**ervice)
DNS1: DNS2:	Fields for entering the DNS server addresses manually. The address can be obtained from your mobile phone network provider.

Managing existing access data

Calling up the device list



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- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Settings: turn and press the controller.
- ▶ To select Configure Internet Settings: turn and press the controller. The device list is displayed.

Editing the access data

The mobile phone must be connected with the system for the access data to be changed.

When the Internet connection is active, you cannot edit or delete the access data of the currently set mobile phone network provider.

- ▶ Call up the device list (▷ page 83).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select ☰: slide ◎→ the controller.
- ▶ To select Change Configuration: turn and press the controller.
- ▶ Select Predefined Settings or Manual Settings. The provider settings are displayed.

In order to edit the access data of the mobile phone network provider you have two options:

- Option 1: select the predefined access data of the mobile phone network provider (▷ page 82).
- Option 2: manually set the access data of the mobile phone network provider (▷ page 82).

Canceling Internet access permissions for a mobile phone

- ▶ Call up the device list (▷ page 83).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select ☰: slide ◎→ the controller.
- ▶ To select Delete Configuration: turn and press the controller. A prompt appears asking whether you wish to delete the Internet configuration.
- ▶ To select Yes: turn and press the controller. The Internet access permission for the mobile phone is now canceled. The mobile phone can now no longer be used by the system for Internet functions.

or

- ▶ To select No: turn and press the controller. The process is canceled.

Changing the device name of the mobile phone

- ▶ Call up the device list (▷ page 83).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select ☰: slide ◎→ the controller.
- ▶ Select Change Internet Device Name. A character entry appears.
- ▶ Enter name and confirm with ok. The device name is changed.

Setting automatic disconnection of the Internet connection

If a preset time has elapsed during which the Internet functions have not been used, the Internet automatically disconnects.

- ▶ Call up the device list (▷ page 83).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select ☰: slide ◎→ the controller.
- ▶ To select Disconnect When Inactive: turn and press the controller.
- ▶ To select 5 Minutes, 10 Minutes, 20 Minutes or Never: turn and press the controller.

Establishing/ending the connection

Establishing the connection

Read the conditions for establishing a connection (▷ page 80).

A connection can be established by:

- entering a web address (▷ page 92)
- calling up the Mercedes-Benz mobile website (▷ page 90)
- calling up a Mercedes-Benz App (▷ page 90)
- calling up a favorite

Ending the connection

▶ Press Cancel in the connections window.

Connection status

① Display of existing connection and signal strength of the mobile phone network

In most cases, the current connection status is then shown in the status bar when you switch to another main function.

Detailed connection status

▶ To display the main function bar: slide ↑◎ the controller.

▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.

▶ To switch to the menu bar: slide ◎↓ the controller.

▶ To select Settings: turn and press the controller.

▶ To select Connection Status: turn and press the controller.
The following information is displayed:
- the volume of transferred data
- connection status
- the device name of the mobile phone

Ending the connection

USA: you cannot cancel the connection yourself. The Internet connection is automatically terminated if the system does not recognize any user input within a five-minute time period.

Canada:

▶ To display the main function bar: slide ↑◎ the controller.

▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.

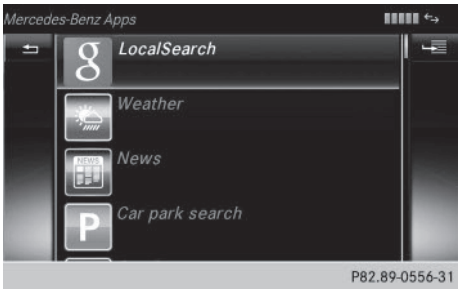
▶ To switch to the menu bar: slide ◎↓ the controller.

▶ To select the scissors symbol: turn and press the controller.

If the mobile phone Internet connection is disconnected, Audio 20 tries to reconnect. You should therefore always close the connection on Audio 20.

Google™ local search

Calling up Local Search



You do not need a Google™ account to use Local Search.

▶ To display the main function bar: slide ↑◎ the controller.

▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.

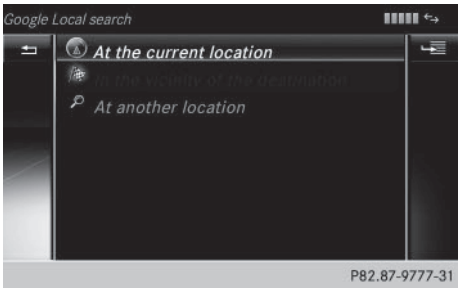
▶ To select Mercedes-Benz Apps: turn and press the controller.

▶ To select Google Local Search: turn and press the controller.

Further information on how to enter the search position and search term (▷ page 86).

ⓘ You will first need to register Audio 20 before you can use the Internet functions. To do so, you have to enter your name and postal address once in the vehicle and confirm the general terms and conditions.

Entering a search position and search term



It is only possible for the driver to enter a search term when the vehicle is stationary.

The following options are available for Local Search:

- At the current location
  Searches for destinations near the current vehicle position
- In the Vicinity of the Destination
  You can search for destinations in the vicinity of the destination if route guidance is active.
- At another location
  Searches for destinations near the location

ⓘ You can also select a destination from the general search history.

▶ To select the required option: turn and press the controller.

▶ To select Enter search term: turn and press the controller.
The input menu for the search term is displayed.

▶ To complete the entry and start the search, select OK: turn and press the controller.
The search results are displayed.

ⓘ Google™ determines how the search results are sorted; this is not necessarily based on the shortest distance.

Further information on how to make use of a search result (▷ page 86).

Using search results

▶ To select a search result: turn and press the controller.
A menu appears.

Displaying details

▶ Select Details.
The address of the selected entry is displayed.

Using a search result as a destination

▶ Select Set as Destination.
The navigation is called up. You can use the search result as the destination for route calculation.

ⓘ At the same time the search result is stored in the "Last destinations" memory. You can take the destination from this memory and save it permanently in the contacts.

Calling up a destination

▶ Select Call.
The telephone menu is called up and a call is activated.

ⓘ If there is no phone number available, the menu item cannot be selected.

Calling up Google Street View™

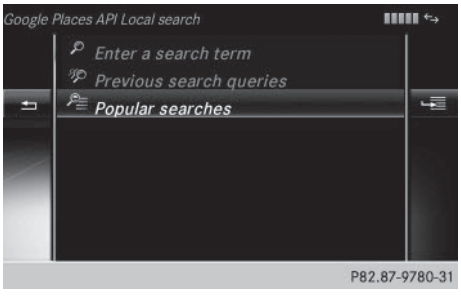
▶ Select Google Street View.
Google Street View™ is called up.

ⓘ If no Google Street View™ information is available, a corresponding message appears.

Calling up Panoramio by Google™

▶ Select Panoramio by Google.
Panoramio by Google™ is called up. You see pictures of places worth seeing in the vicinity of the search result.

Popular searches



You can use this function if search queries have already been carried out.

If the vehicle is stationary, the search results can be supplemented manually, e.g. "Hotel Adler".

▶ Call up Local Search (▷ page 85).

▶ To select the search position, e.g. At current location: turn and press the controller.

▶ To select Popular searches: turn and press the controller.
The most frequent search queries are displayed.

Search history

You can use this function if search queries have already been carried out.

If the vehicle is stationary, the search results can be supplemented manually, e.g. "Hotel Adler".

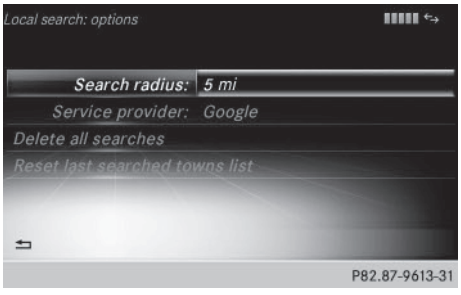
▶ Call up Local Search (▷ page 85).

▶ To select the search position, e.g. At current location: turn and press the controller.

▶ To select Search history: turn and press the controller.
The most recent search queries are displayed.

Local Search settings

Calling up settings



▶ To display the main function bar: slide ↑ the controller.

▶ To select 🌐: turn and press the controller.
The menu with the Internet functions is displayed.

▶ To select Mercedes-Benz Apps: turn and press the controller.

▶ To select Google Local Search: turn and press the controller.

▶ To select ⚙: slide → the controller.
The current settings are displayed.

Setting the search radius

- ▶ Call up Local Search settings (▷ page 87).
- ▶ To select Search radius: turn and press the controller.
  A menu appears.
- ▶ To select the desired entry: turn and press the controller.
  The selected setting is accepted.

Exiting a menu

- ▶ Select ⮌.

Resetting last location searches

- ▶ Call up Local Search settings (▷ page 87).
- ▶ To select Reset last location searches: turn the controller and press to confirm.
  A prompt appears asking whether the last location searches should be deleted.
- ▶ To select Yes: turn and press the controller.
  The search queries are deleted.

or

- ▶ To select No: turn and press the controller.
  The process is canceled.

Deleting search queries

- ▶ Call up Local Search settings (▷ page 87).
- ▶ To select Delete all searches: turn the controller and press to confirm.
  A prompt appears, asking whether the last search queries should be deleted.
- ▶ To select Yes: turn and press the controller.
  The last search queries are deleted.

or

- ▶ To select No: turn and press the controller.
  The process is canceled.

Destination/route download

Prerequisites

To download navigation locations you need a Google™ account and your vehicle identification number. Further information about the vehicle identification number (VIN) (▷ page 90).

To download navigation locations, the mbrace system must be:

- activated
- operational
- activated for the services of the system and for Internet access

For information on the mbrace system, see the separate vehicle Operator's Manual.

Procedure and general information

Sign into your Google™ account on the Internet. Use the Google Maps™ website to send the destination to a server (▷ page 88). Using the Download POI App, the destination is displayed in the vehicle (▷ page 89).

The destination can be:

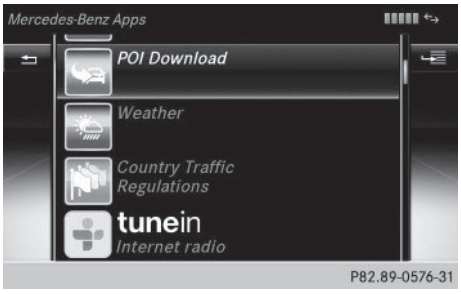
- used for route guidance (▷ page 89)
- called up (▷ page 89)
- deleted from the server (▷ page 90).

Sending destinations to the server

- ▶ Sign into your Google™ account.
- ▶ Call up the Google Maps™ website.
- ▶ Enter a destination.
- ▶ Click "More" at the destination.
- ▶ Click "Send".
- ▶ Enter the corresponding information in the boxes shown.
- ▶ Select "Send to car".
- ▶ Select Mercedes-Benz as the vehicle brand.
- ▶ Enter the mbrace e-mail address or the vehicle identification number.
  Further information about the vehicle identification number (▷ page 90).
- ▶ Click "Send".
  The destination is sent to the server.

The availability of the destination/route download function is country-dependent.

Displaying destinations in the vehicle



- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- ▶ To select Mercedes-Benz Apps: turn and press the controller.
- ▶ To select Download POI: turn and press the controller. Available destinations are shown in the list.
- ▶ To select and download a destination: turn and press the controller.
- ▶ To exit destination download: select Close.

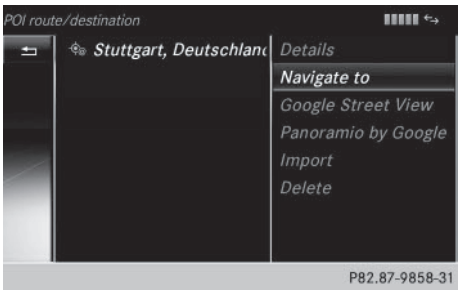
Further information on how to use the destination for route guidance (▷ page 89).

Further information on deleting the destination (▷ page 90).

You can save up to 50 destinations for your vehicle on the server and display these in the list. If you send further destinations to the server, the oldest entries are deleted from the list.

Using destinations

Displaying details



- ▶ Display the destination in the vehicle (▷ page 89).
- ▶ To highlight a destination: turn the controller.
- ▶ To select ☰: slide ◎→ the controller.
- ▶ To select Details: turn and press the controller. The destination address is shown.

Using a destination for route guidance

- ▶ Display the destination in the vehicle (▷ page 89).
- ▶ To highlight a destination: turn the controller.
- ▶ To select ☰: slide ◎→ the controller.
- ▶ To select Set as Destination: turn and press the controller. You then switch to navigation mode and can start route calculation.

  The destination is entered in the list of last destinations.

Calling up the destination

You can use the function if:

- a mobile phone is connected (▷ page 60)
- the destination address contains a telephone number

- ▶ Display the destination in the vehicle (▷ page 89).
- ▶ To highlight a destination: turn the controller.
- ▶ To select [☰]: slide ◎→ the controller.
- ▶ Select Call.
  You then switch to the telephone function and make the call (▷ page 65).

Deleting a destination from the server

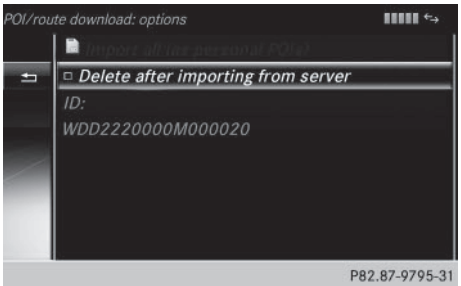
Destinations on the server are automatically deleted after seven days.

- ▶ Display the destination in the vehicle (▷ page 89).
- ▶ To highlight a destination: turn the controller.
- ▶ To select [☰]: slide ◎→ the controller.
- ▶ Select Delete.
  A prompt appears asking whether the destination should be deleted.
- ▶ To select Yes: turn and press the controller.
  The phone number is deleted.

or

- ▶ To select No: turn and press the controller.
  The process is canceled.

Displaying the vehicle identification number (VIN)



- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller.
  The menu with the Internet functions is displayed.
- ▶ To select Mercedes-Benz Apps: turn and press the controller.
- ▶ To highlight Download POI: turn the controller.
- ▶ To select [☰]: slide ◎→ the controller.
  The vehicle identification number is displayed.

Exiting a menu

- ▶ Press the [↩] button.

Further Mercedes-Benz Apps

General notes

To be able to use Mercedes-Benz Apps, you first have to register. To do so, you have to enter your name and postal address once in the vehicle and confirm the general terms and conditions. A message to this effect appears the first time you call up the online and Internet functions.

For individual Mercedes-Benz Apps, it may be necessary to pay license fees before using. Use is then limited to a certain period of time. License fees must be paid again for use beyond this time period.

Mercedes-Benz Mobile Website

Connecting to the Internet: (▷ page 85)

The online functions contain the Mercedes-Benz Mobile Website as a predefined favorite.

- To display the main function bar: slide ↑◎ the controller.
- To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- Select the Mercedes-Benz Mobile Website menu. The Mercedes-Benz home page appears.

ⓘ You cannot delete the Mercedes-Benz Mobile Website menu.

Calling up Mercedes-Benz Apps

- To display the main function bar: slide ↑◎ the controller.
- To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- To select Mercedes-Benz Apps: turn and press the controller. The available Mercedes-Benz Apps are displayed.
- To select the desired app: turn and press the controller.

Additional Mercedes-Benz Apps can be purchased on the Mercedes-Benz website. You can find further information at:
http://apps.mercedes-benz.com/apps/
The available features are country-dependent.

Closing Mercedes-Benz Apps

- Press the ⮌ button. The Internet menu appears.

or

- Press the ⮌ button for longer than two seconds. The Mercedes-Benz Apps menu or the Internet menu appears.

Adjusting the settings of individual apps

- To display the main function bar: slide ↑◎ the controller.
- To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- To select Mercedes-Benz Apps: turn and press the controller.
- To highlight the desired app: turn the controller.
- To select ☰: slide ◎→ the controller. The current app settings are displayed.

Resetting adjustments

With the reset function, all Mercedes-Benz Apps settings are reset to the factory settings.

- To display the main function bar: slide ↑◎ the controller.
- To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- To select Mercedes-Benz Apps: turn and press the controller. The available Mercedes-Benz Apps are displayed.
- To select ☰: slide ◎→ the controller.
- To select Reset: turn and press the controller. A prompt appears asking whether you really wish to reset.
- Select Yes or No. If you select Yes the settings are reset. If you select No the process is canceled.

Web browser

Calling up a website

Function restrictions

Internet pages cannot be shown while the vehicle is in motion.

Entering a web address

P82.87-9783-31

- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- ▶ To select WWW: turn and press the controller. An input menu for the web address is displayed.
- ▶ Enter characters using the controller or the number keypad.
- ▶ To finish entry and call up a website: select ok .

Selecting a web address from the list

- ▶ When the character bar is displayed, slide ↑◎ the controller.
- ▶ To select the desired web address: turn and press the controller.
  The web address can still be changed as desired.
- ▶ To call up a website: select ok .
  The website is called up.

Navigating the website

Step	Result
▶ Turn the controller.	Navigates from one selectable item (e.g. link, text field or menu) to the next and highlights the respective element on the website.
Sliding the controller: ▶ Left or right ←◎→ ▶ Up or down ↑◎↓ ▶ Diagonally ↗◎↙	Moves the pointer on the page.
▶ Press the controller.	Opens the selected item.
▶ Press ⮌.	Calls up the menu.

Menu functions

P82.89-0194-31

① Closes the browser
② Goes back/forward
③ Refreshes/cancels
④ URL entry
⑤ Favorites
⑥ Disconnects
⑦ Options

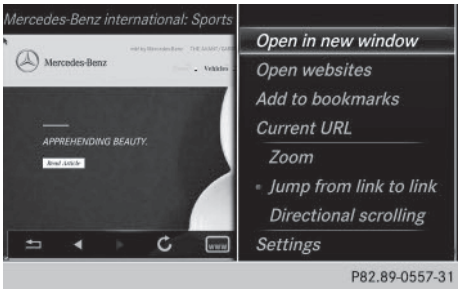
- **To show the menu:** press the [↩] button.
- **To call up the Options menu:** select [≡] by turning and pressing the controller.
- **To close the website:** select [↩].
- **To call up the previous website:** select [◀].
- **To call up the next website:** select [▶].
- **To refresh the website:** select [↻].
  The website is refreshed. This procedure may take some time.

ℹ While the website is loading, a cross appears in the menu. This can be used to cancel the loading procedure.

- **To enter a URL:** select [www].
- Enter a web address (URL) (▷ page 92).
- **Favorites:** select [☆].

Options menu

Opening in a new window



In order to be able to use this function, the cursor must be on a link.

- **To show the menu:** press the [↩] button.
- To select [≡]: turn and press the controller.
- Select Open In A New Window.
  The website is opened in a new window.

Adding to bookmarks

Adds the current website to the favorites. The website can then be called up using the menu. You can store up to 20 favorites in the menu.

- **To show the menu:** press the [↩] button.
- To select [≡]: turn and press the controller.
- Select Add to Bookmarks.
- Select Save As Global Bookmark or Save As Local Bookmark.
  The message: The website was added to bookmarks appears.

Current URL

- **To show the menu:** press the [↩] button.
- To select [≡]: turn and press the controller.
- Select Current URL.
  The URL appears.

Zoom

You can use this function to enlarge web pages.

- **To show the menu:** press the [↩] button.
- To select [≡]: turn and press the controller.
  A menu appears. The ● dot indicates the current setting.
- Select Zoom.
- To navigate on the web page: slide ←◎→, ↑◎↓ or ⤡◎⤢ the controller.
- To zoom in on the web page: turn the controller.

Jumping from link to link

You can use this function to skip from one link to the next on a website.

▶ **To show the menu:** press the [↩] button.

▶ To select [≡]: turn and press the controller.
A menu appears. The ● dot indicates the current setting.

▶ Select Jump From Link To Link.
If a website has been called up and the controller is turned, the cursor jumps from link to link.

Directional scrolling

You can use this function to scroll up and down on the web page.

▶ **To show the menu:** press the [↩] button.

▶ To select [≡]: turn and press the controller.
A menu appears. The ● dot indicates the current setting.

▶ Select Directional Scrolling.
If a website has been called up and the controller is turned, the cursor moves up or down depending on the direction of the turn.

Settings

Overview

▶ **To show the menu:** press the [↩] button.

▶ To select [▶≡]: turn and press controller.
A menu appears.

▶ Select Settings.

You can activate/deactivate the following settings:

- Download Images Automatically
  It may take some time to download the contents of websites that contain a large amount of images. Therefore, it may be useful to deactivate this option.
- Block Pop-Ups
  Pop-ups are windows (usually with advertisements) which are displayed automatically when you call up a website. You can block these displays.
- Activate Javascript
  Javascript makes it possible to display and interact with dynamic content on the website.
- Allow Cookies
  Some websites save information in small text files (cookies) on your system. You can determine whether cookies may be stored.
- Show Link Target
  You can display the link's URL here.
- Character Size
  You can select the font size which is used when displaying the website.
- Character Code
  You can select a different character set here, e.g. if the characters of a website appear distorted.

Changing settings

▶ To select the desired setting: turn and press the controller.
Switch the setting on ☑ or off ☐.

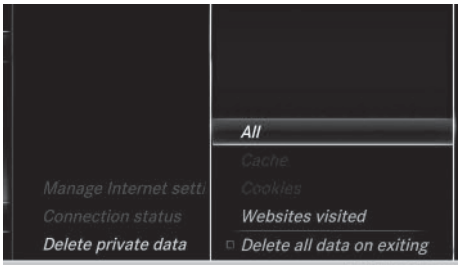
Changing the character size or character code.

▶ Select Character Size or Character Code.

▶ To select the setting you require: turn and press the controller.

ⓘ If you change the settings, the websites may not be displayed correctly.

Deleting private data



- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- ▶ To show the menu: slide ◎↓ the controller.
- ▶ To select Settings: slide ◎↓ , turn and press the controller. A menu appears.
- ▶ To select Delete Private Data: turn and press the controller. A menu appears. The • dot indicates the current setting.
- ▶ To select the setting you require: turn and press the controller.

or

- ▶ Select Delete All Data On Exit. Switch the setting on ☑ or off ☐.

Option	Function
All	Deletes all personal data.
Cache	Deletes data in the cache.
Cookies	Deletes cookies that are created by websites which you have called up.
URL History	Deletes all websites visited (path).
☑ Delete All Data On Exit	If this function is activated ☑, all personal data is deleted when you exit the Internet browser.

ⓘ If you reset Audio 20 to the factory settings (reset function), these data and settings are deleted (▷ page 37).

Favorites

Introduction

Favorites/bookmarks are frequently visited websites.

Creating favorites

Adding a favorite in the menu

- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.
- ▶ Select www.
- ▶ Enter the web address (URL) and name using the character bar and press ok .

Adding to favorites

- ▶ To call up the menu: press the ⮌ button.
- ▶ To select ▶☰: turn and press the controller.
- ▶ Select Add to Bookmarks (▷ page 93).

Selecting favorites

- ▶ To display the main function bar: slide ↑◎ the controller.
- ▶ To select 🌐: turn and press the controller. The menu with the Internet functions is displayed.

- To select the Internet Favorites menu: turn and press the controller.
  The Favorites menu appears.
- Select the desired bookmark.
  The favorite is opened in a new window.

Editing favorites

- To display the main function bar: slide ↑ the controller.
- To select 🌐: turn and press the controller.
  The menu with the Internet functions is displayed.
- To select the Internet Favorites menu: turn and press the controller.
  The Favorites menu appears.
- Select the desired favorites.
- To select 📄: slide → and press the controller.
- Select Edit.
  An input menu appears.
- Enter the web address (URL) and name using the character bar.

Deleting favorites

- To display the main function bar: slide ↑ the controller.
- To select 🌐: turn and press the controller.
  The menu with the Internet functions is displayed.
- To select the Internet Favorites menu: turn and press the controller.
  The Favorites menu appears.
- Select the desired favorites.
- To select 📄: slide → and press the controller.
- Select Delete.
  A prompt appears.
- Select Yes or No.
  If you select Yes the favorite is deleted.
  If you select No the process is canceled.

Closing the browser

- Select ⮌ in the browser menu (▷ page 92)

or

- Press the ⮌ button for longer than two seconds.
  A prompt appears, asking whether you want to close the Internet browser.
- Select Yes or No.
  If you select Yes the application is closed.
  If you select No the process is canceled.

Audio 20 features 98
Switching on the radio 98
Overview 98
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Station 99
Tagging music tracks 101
Displaying the artist and track 102
Calling up sound settings 102
Displaying information 102
Satellite radio 102

Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Switching on the radio

▶ Press the RADIO button.
The radio display appears. You will hear the last station played on the last waveband selected.

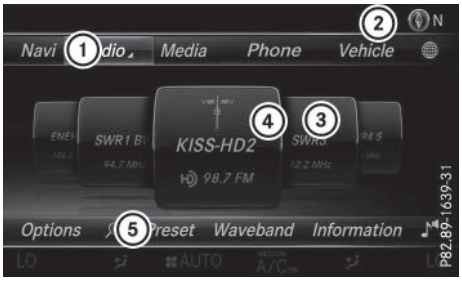
Switching HD Radio on/off

▶ In radio mode: slide ◎ the controller.
▶ Select Options.
▶ By selecting ☑ or ☐ before HD Radio, you determine whether HD radio is switched on or off.

If HD radio is switched off, the system does not switch to digital radio and it is not possible to select any sub-channels.

ⓘ HD Radio™ and the HD, HD Radio, and "Arc" logos are proprietary trademarks of iBiquity Digital Corp.

Overview



① Main function bar
② Status bar with compass display
③ Main display field with available stations and relevant information
④ Display of radio station selected
⑤ Radio menu bar

The following functions are available using the radio main function bar:

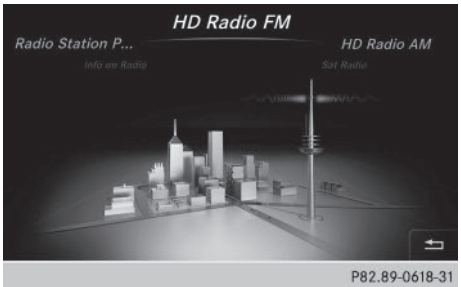
- HD Radio FM: HD FM radio mode
- HD Radio AM: HD MW radio mode
- Sat Radio: satellite radio
- Radio Station Presets: 100 preset positions for radio stations
- Info on Radio: information on radio in the Digital Operator's Manual

The following functions are available using the radio menu bar :

- 🔍: searches for stations by name
- Waveband: selects wavebands
- Preset: station preset menu
- Info: displays additional information about the current station (radio text)
- ♪: sound settings, Burmester® sound
- Options: radio options

Setting the waveband

Button activation



P82.89-0618-31

- ▶ In radio mode: press the RADIO button.
  A menu appears with a selection of HD Radio FM, HD Radio AM, Radio Station Presets and Info on Radio.
- ▶ To select the desired waveband: turn and press the controller.

Using the main function bar

- ▶ In radio mode: slide ↑◎ the controller.
  The radio main function bar and menu bar appear. Radio is active.
- ▶ Press the controller.
  A menu appears with a selection of HD Radio FM, HD Radio AM, Radio Station Presets and Info on Radio.
- ▶ To select the desired waveband: turn and press the controller.

Using the menu bar

- ▶ In radio mode: slide ◎↓ the controller.
  The radio menu bar appears.
- ▶ To select Waveband: turn and press the controller.
  A menu appears which allows you to select from HD Radio FM and HD Radio AM.
- ▶ To select the desired waveband: turn and press the controller.

Station

Selecting a station

From the main display field

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All currently available stations are displayed.

- ▶ In radio mode, turn the controller until the desired station is in the center.

Using the current station list

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ⓘ The station list is available in HD FM radio mode or HD AM radio mode. It includes all stations that can be received.

- ▶ In radio mode, press the controller.
  The station list appears with the stations currently available.
- ▶ To select the desired station: turn and press the controller.

Using direct entry

- In radio mode: slide ◎⬇ the controller. The radio menu bar appears.
- To select Options: turn and press the controller.
- Select Direct Entry. An additional menu appears.

HD FM radio mode:

- To select the HD FM Frequency option: turn and press the controller.
- Enter the frequency of the desired station in the entry field.

HD MW radio mode:

- To select the HD AM Frequency option: turn and press the controller.
- Enter the frequency of the desired station in the entry field.

Satellite radio mode:

- To select the SatRadio Channel option: turn and press the controller.
- Enter the frequency of the desired station in the entry field.

Station presets:

- To select the Radio Station Presets option: turn and press the controller.
- Enter the station preset of the desired station.

Using the search function

- In radio mode: slide ◎⬇ the controller. The radio menu bar appears.
- Select [🔎] and enter the first letters of the required station using the controller.
- Press OK to confirm. Audio 20 displays a list of available stations.
- To select stations from the list: turn the controller and press to confirm.

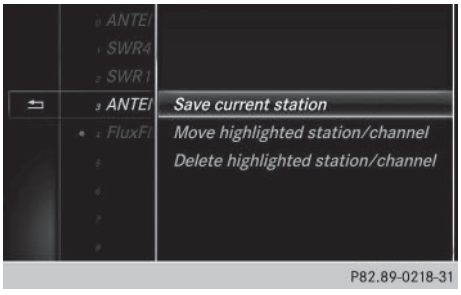
Using the preset position

- In radio mode: slide ◎⬇ the controller.
- To select Presets: turn and press the controller.
- To select Enter Preset: turn and press the controller.
- Enter the station preset of the desired station.

Station list

- In radio mode, press the controller. The station list appears with the stations currently available.

Saving/deleting a station



Storing current stations

- In radio mode: slide ◎⬇ the controller. The radio menu bar appears.
- To select Presets: turn and press the controller.
- To select the Save Current Station/ Channel option: turn and press the controller.
- To select the position of the required preset entry: turn and press the controller.

or

- Select the Edit Station Preset option.
- Select the position of the required preset: turn the controller.

This can also be a preset position that is already occupied, which is then overwritten by the current station.

▶ Slide ◎→ the controller.
An additional menu appears.

▶ To select the Save Current Station/Channel option: turn and press the controller.
The currently set station is stored in the selected preset position. A tone signals a successful preset entry.

or

▶ In the main display field, press and hold the controller.
A list of current allocated preset positions appears.

▶ To select the position of the required preset and confirm: turn the controller and press.

Moving highlighted stations

▶ In radio mode: slide ◎↓ the controller.
The radio menu bar appears.

▶ To select Presets: turn and press the controller.

▶ Select Edit Station Preset.

▶ To select the required preset entry: turn the controller.

▶ Slide ◎→ the controller.
An additional menu appears.

▶ To select the Move Highlighted Station/Channel option: turn and press the controller.
The list of stored stations appears again.

▶ To move the highlighted station to the new position: turn the controller and press to confirm.

Deleting highlighted stations

▶ In radio mode: slide ◎↓ the controller.
The radio menu bar appears.

▶ To select Presets: turn and press the controller.

▶ Select Edit Station Preset.

▶ To select the required preset entry: turn the controller.

▶ Slide ◎→ the controller.

▶ To select the Delete Highlighted Station/Channel option in the additional menu: turn and press the controller.

▶ To select Yes: turn and press the controller.
The highlighted station is deleted.

or

▶ To select No: turn and press the controller.
The process is canceled.

ⓘ Frequencies are already stored in Audio 20. There are 100 preset positions available.

Activating/deactivating the station presets display

You can use this function to change to the station presets display.

Activating

▶ In radio mode: slide ◎↓ the controller.

▶ To select Presets: turn and press the controller.

▶ To select Station Preset View: On: turn and press the controller.
The station preset display appears.

▶ To switch between the stored stations: turn the controller.

Deactivating

▶ In radio mode: slide ◎↓ the controller.

▶ To select Presets: turn and press the controller.

▶ To select Station Preset View: Off: turn and press the controller.
A view of the last waveband you listened to appears.

Tagging music tracks

This function allows you to transfer the music track currently playing to an Apple® device. You can then purchase it in the iTunes® store.

- ▶ In radio mode: slide ◎⬇ the controller.
  The radio menu bar appears.
- ▶ To select Options: turn and press the controller.
- ▶ Select Tag This Track.
  A message appears in Audio 20 about storing track information.

Displaying the artist and track

- ▶ In radio mode: slide ◎⬇ the controller.
  The radio menu bar appears.
- ▶ To select Options: turn and press the controller.
- ▶ You can determine whether or not the artist, track or station name are shown in the main display area with ☑ or ☐ before Show Station Information.

Calling up sound settings

- ▶ In radio mode: slide ◎⬇ the controller.
  The radio menu bar appears.
- ▶ To select ♪: turn and press the controller.
  The sound menu appears (▷ page 130).

Displaying information

This function is available in HD FM radio and HD AM radio mode.

Reception is only possible if the radio stations provide the relevant information.

- ▶ In radio mode: slide ◎⬇ the controller.
- ▶ To select Info: turn and press the controller.
  If the station supports this function, additional information will be shown.

If available, you will see:

- station abbreviation
- the current track
- the artist of the current track
- information about the current program
- hotline number for the station or latest headlines

Back to radio display:

- ▶ To select Info: slide ◎⬇ and press the controller.

Satellite radio

General notes

Satellite radio mode requires satellite radio equipment and registration with a satellite radio provider.

Note that the categories and channels shown in the illustrations depend on the program content offered by the provider. The illustrations and descriptions in these operating instructions may therefore differ from the channels and categories offered by the provider.

Satellite radio mode may be temporarily unavailable or interrupted for a variety of reasons. These include environmental or topographical conditions as well as other factors beyond the control of Mercedes-Benz USA, LLC. This means operation may not be possible in certain areas.

These include:

- tunnels
- parking garages
- locations inside or next to buildings
- locations in the vicinity of other structures

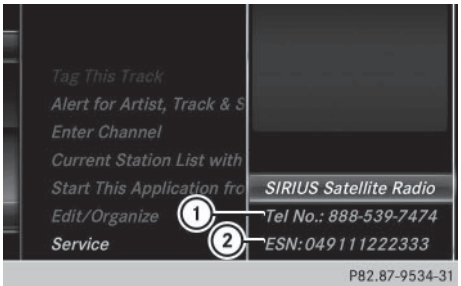
SIRIUS XM Satellite Radio offers more than 140 digital-quality radio channels providing 100% commercial-free music, sports, news and entertainment.

SIRIUS XM Satellite Radio employs a fleet of high-performance satellites to broadcast around the clock throughout the USA and Canada.

The satellite radio program is available for a monthly fee. Details are available from the SIRIUS XM Service Center and at **http://www.siriusxm.com** (USA) or **http://www.siriusxm.ca** (Canada).

Your new Mercedes-Benz vehicle comes with SIRIUS XM Satellite Radio pre-installed at the factory. This service is free for a six-month trial period. About a month before the trial period ends, information will be provided on how to extend this subscription. An acoustic signal sounds and a message is shown, describing how the subscription can be extended.

Registering satellite radio



① Phone number of provider

② SIRIUS XM ID of your satellite receiver

▶ Switch on SatRadio mode (▷ page 103). The satellite radio main menu appears showing the preview channel. You cannot select any other stations.

▶ To select Options in the radio menu bar: turn and press the controller.

▶ To select Service: turn and press the controller.
The service information screen appears.

Once the telephone connection has been established:

▶ Follow the instructions of the service staff. The activation process may take up to ten minutes. If the activation is completed successfully, the Updating Channels... message appears in the display, followed by the satellite radio main menu.

ⓘ You can also have the satellite service activated online. To do so, visit the SIRIUS XM Radio website at **http://www.siriusxm.com** (USA) or **http://www.siriusxm.ca** (Canada).

ⓘ If registration is not included when purchasing the system, your credit card details will be required to activate your account.

If the satellite receiver is not installed correctly, the Device Unavailable message will appear.

Switching to satellite radio

▶ To show the main function bar: slide ↑◎ the controller.

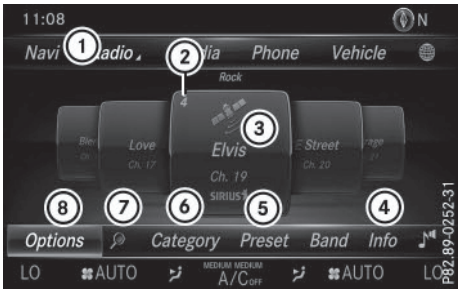
▶ To select Radio: turn and press the controller.
The radio display appears. You will hear the last station played on the last waveband selected.

▶ To select Radio in radio mode: slide ↑◎ and press the controller.
The menu appears with the available radio modes.

▶ To select Sat Radio: turn and press the controller.

The No Service message appears if there is no signal.

Satellite radio overview



① Main function bar
② Preset
③ Channel name and channel number
④ Channel information
⑤ Station presets menu
⑥ Category list
⑦ Keyword search
⑧ Options menu

Channel information ④ can be viewed in detail (▷ page 106).

Selecting a category

Satellite radio channels are sorted into various categories. You can choose between various categories such as News/Discussions, Sports and Country (if available). The category list is sorted alphabetically. The content of the categories is sorted by channel numbers.

- ▶ **To call up the category list:** select Category in the menu bar by turning and pressing the controller.
  The category list appears.
- ▶ **To select a category:** turn the controller and press to confirm.
  The category selected is shown in the display. You hear the station last selected for this category.
  The • dot indicates the current setting.
  The All Channels category is at the beginning of the category list. This category enables you to browse all available channels.

Selecting a channel

Channel search

- ▶ When the display/section window is selected, slide ◀◎ or ◎▶ the controller.
  Audio 20 searches in both directions (ascending and descending) and stops at the next channel found in the selected category.

Entering channel numbers directly

- ▶ To select Options in the radio menu bar: turn and press the controller.
  The satellite radio menu appears.
- ▶ To select Direct Entry: turn and press the controller.
  An input menu appears.
- ▶ To select channel numbers: turn and press the controller.
- ▶ Audio 20 sets the selected channel.

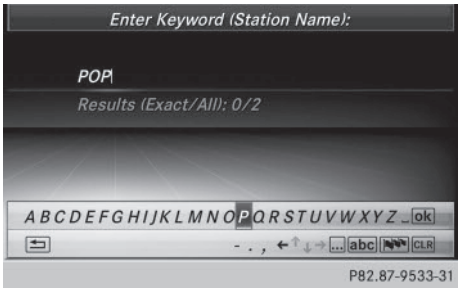
ⓘ You can only select currently permitted digits.

Selecting a channel via the satellite radio station list

You can select the channel using the station list displaying the artists and tracks that are currently playing.

- To select Options in the radio menu bar: turn and press the controller.
- To select Curr. Station List with Artist & Title: turn and press the controller.
  The channel list appears.
- Select the desired channel

Keyword search



- To select the keyword search in the menu bar: slide and turn the controller.
- To enter the required search term: turn and press the controller.
  Direct and indirect results are shown.
- Select the required result.
  The relevant channel is played.

Memory functions

Quick save:

- Set the desired channel in satellite radio mode.
- Press and hold the controller until the preset list appears.
- To select the preset number: turn and press the controller.
  A tone confirms that the storing process was successful.

Saving a channel using the edit function:

- In satellite radio mode, slide the controller.
- To select Preset: turn and press the controller.
- To select Edit List: turn and press the controller.
  The list of saved channels appears.
- To select the preset: turn the controller and press for about 2 seconds.
  The newly saved station overwrites the existing preset.

There are 100 presets available.

Music and sport alerts

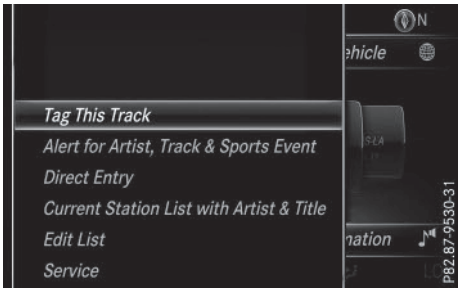
General notes

This function makes it possible to store a program alert for your favorite artists, tracks or sporting events.

You can store up to 30 music and sports alerts (favorites).

Music alerts can only be saved whilst a track is being played. You can also specify sport alerts via the menu option. The system then continuously searches through all the channels. If a match is found with a saved message, you will be informed. A window appears with the respective information.

Setting a music alert



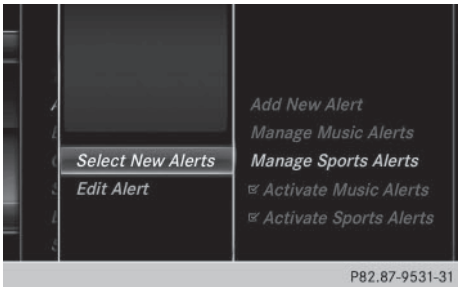
- To select Options in the radio menu bar: turn and press the controller.
- To select Alert for Artist, Track & Sports Event: turn and press the controller.
  A menu appears.

▶ Select Add New Alert.
A window with a prompt appears.
▶ Select Artist or Track.
The alert is set for the current artist or track.

The music alert window appears

▶ To select Change To or Ignore: turn and press the controller.
If you select Change To, the channel is changed and the favorite artist or track is played.
If you select Ignore, the current channel will continue playing.

Setting a sport alert



▶ To select Options in the radio menu bar: turn and press the controller.
▶ To select Alert for Artist, Track & Sports Event: turn and press the controller.
A menu appears.
▶ Select Manage Sports Alerts.
A menu appears.
▶ Select Select New Alerts.
A menu appears.
▶ Select the desired team from a league, e.g. college, NBA, NHL, NFL or MLB.
The alert function for the sports team is added.

Editing music and sport alerts

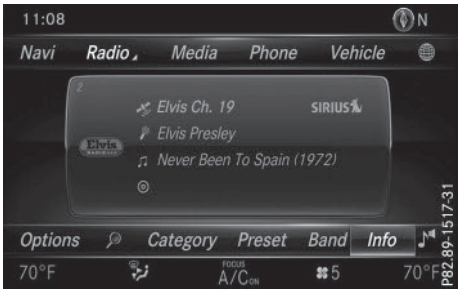
▶ Select Edit Alert.
A list of set sport alerts appears.
▶ Select Manage Music Alerts.
A list of set artists and tracks (artist) appears.

Tagging music tracks

This function allows you to transfer the music track currently playing to an Apple® device. You can then purchase it in the iTunes® store. Not all radio stations support this function.

▶ To select Options in the radio menu bar: turn and press the controller.
▶ To select Tag This Track: turn and press the controller.
A message about saving this music track on the Apple® device appears.

Displaying information



▶ To select Info in the radio menu bar: turn and press the controller.
Information on the currently received program is displayed.

If available, you will see:

- the channel logo
- the channel abbreviation
- the artist of the track that is currently being played
- the current track

- **To return to the radio display:** select Info by sliding ◎⬇ and pressing the controller.

Displaying service information

The provider's customer service center is available by phone at any time to answer any general questions or questions on the versions available.

- To select Options in the menu bar: slide ◎⬇ and press the controller.
- To select Service: turn and press the controller.
  The provider's details appear.
- **To return to the main display:** press the ⮌ button.

Channel list updates

During reception of a new channel list, the Updating Channels... message is shown.

The station last selected is switched to mute until the update has been completed. Satellite radio mode is not available during this process.

Once the update has been completed, the satellite radio basic menu appears. If the channel previously selected is still available, this channel will be played.

Sound settings

Information on sound settings (▷ page 130).

Audio 20 features 110
Activating media mode 110
Audio mode 111
Media search 116
Bluetooth® audio mode 118
Operation with the Media Interface 124
Picture viewer 126

Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Activating media mode

General notes

There are several ways to activate media sources using Audio 20.

The relevant sections of the Operator's Manual describe the simplest way to activate a media source. This section describes all options for activating media sources. If you wish to play external media sources, the default display must already be turned on.

The following external media sources can be used:

- Apple® devices (e.g. iPhone®)
- USB devices (e.g. USB stick, MP3 player)
- CD
- SD memory cards
- via devices connected by Bluetooth®

Button activation

▶ To call up the media menu: press the MEDIA button.
The last media source you have set is displayed.

▶ Press the MEDIA button again.
The menu appears with the available media sources.

▶ To select the media source: turn the controller and press to confirm.

Depending on the vehicle equipment, the following media sources will be available:

- Disc
- Memory Card
- Media Interface 1
- Media Interface 2
- Bluetooth Audio

If playable media files are found, they will be played by Audio 20.

Using the main function bar

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▶ To display the main function bar: slide ↑◎ the controller.

▶ To select Media: turn and press the controller.
The last media source you have set is displayed.

- To select Media in media mode: slide ↑◎ and press the controller.
  The menu appears with the available media sources.
- To select the media source: turn the controller and press to confirm.
  If the media source contains music files, these will be played. The corresponding basic menu will be shown.

Using the device list

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- In media mode, slide ◎↓ the controller.
  The media menu bar is shown.
- To select Devices: turn and press the controller.
  The available media sources will be shown. The • dot indicates the current setting.
- Select the media source.
  If the media source contains music files, these will be played. The corresponding basic menu will be shown.

Switching on automatically

After inserting a CD, this media mode is automatically switched on by Audio 20.

If playable media files are found, they will be played by Audio 20.

If a media function is already switched on in Audio 20, this will be interrupted and the basic display of the CD mode will appear. If another function, such as navigation, is being operated, the basic display will not change.

Only the music from the last inserted CD will be played.

Audio mode

Important safety notes

⚠ WARNING

The CD drive is a class 1 laser product. If you open the housing of the CD drive, there is a risk of exposure to invisible laser radiation. This laser radiation could damage your retina. There is a risk of injury.

Never open the housing. Always have maintenance and repair work carried out at a qualified specialist workshop.

⚠ WARNING

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

Handle discs only when the vehicle is stationary.

Notes on audio mode

Permissible data carriers

- CD-R, CD-A and CD-RW
- SD memory card
- USB storage device

Permissible file systems

- ISO 9660/Joliet standard for CDs
- FAT16, FAT32, exFAT and NTFS for SD memory card and USB storage media

Multisession CDs

For multisession CDs, the content of the first session determines how Audio 20 will process the CD. Audio 20 plays only one session and gives priority to the audio CD session.

File structure of a data carrier

When you create a disc with compressed music files, the tracks can be organized in folders. A folder may also contain subfolders. The disc may contain no more than eight directory levels. Files beyond the eighth level will not be recognized by the system.

ⓘ Audio 20 supports up to 15,000 files from one data medium. For data media with more than 64 GB, only files in the following folders are supported: Music, Pictures.

Track and file names

When you create a disc with compressed music files, you can assign names to the tracks and folders.

If MP3 or WMA files are stored in the root directory itself, the root directory will also be treated as a folder.

You should observe the following when assigning track names:

- track names must have at least one character.
- track names must have an extension of a supported audio format, e.g. mp3 or aac.
- there must be a dot between the track name and the extension.

  Example of a correct track name: "Track1.mp3".

Permissible formats

Audio 20 supports the following audio formats:

- MP3
- WMA
- CD-A
- AAC formats: .aac, .mp4, .m4a and .m4b

Copy-protected iTunes® music files with the .m4p file extension are not supported.

Permissible bit and sampling rates

Audio 20 supports the following types of MP3 files:

- fixed and variable bit rates from 32 kbit/s to 320 kbit/s
- sampling rates of 8 kHz to 48 kHz

Audio 20 supports the following types of WMA files:

- fixed bit rates from 5 kbit/s to 384 kbit/s
- sampling rates of 8 kHz to 48 kHz

Audio 20 does not support the following types of WMA files:

- DRM (Digital Rights Management) encrypted files
- variable bit rate
- WMA Pro
- 5.1 surround sound

ⓘ Only use tracks with a bit rate of at least 128 kbit/s and a sampling rate of at least 44.1 kHz. Lower rates can cause a noticeable deterioration in quality. This is especially the case if you have activated a surround sound function.

Selecting an active partition (USB mass storage devices only)

You can select this function for USB storage devices when the storage device is partitioned. Up to 9 partitions (primary or logical, FAT, FAT32 and NTFS) are supported.

Selecting an active partition

▶ To select `Options` in the media menu bar: turn and press the controller.

▶ Select `Select Active Partition`.

Notes on copyright

Audio files that you create or reproduce yourself for playback are generally subject to copyright protection.

In many countries, reproductions, even for private use, are not permitted without the prior consent of the copyright holder.

Make sure that you know about the applicable copyright regulations and that you comply with these.

Notes on compact discs

! Please bear the following in mind:
- Do not affix stickers or labels to the discs.
- CDs must not be thicker than 1.3 mm.
- CDs must be round with a diameter of 12 cm. Do not use an adapter.

Discs with copy protection are not compatible with the audio CD standard. Consequently, it may not be possible to play them on the Audio 20 system.

Playback problems may occur when playing copied discs.

There may be playback problems if you play CDs that you have copied yourself with a storage capacity of more than 700 MB.

i Audio 20 is able to play back audio CDs in multichannel audio format.

Inserting and removing a CD from the single CD drive

Before inserting a CD, ensure that the cup holder is empty.

Before removing a disc, be aware that the CD can become hot.

▶ **To insert:** press the ⏏ button on the single drive.
If there is a disc already inserted, it will be ejected.

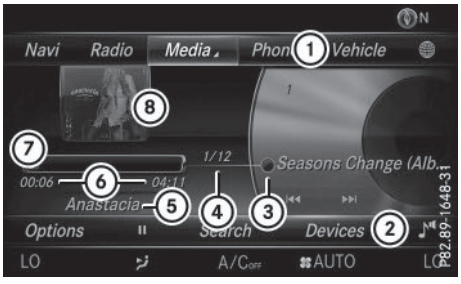
▶ Insert a disc into the disc slot with the printed side facing upwards.
The drive closes and the disc is played.
If the CD is operated in Media mode, the corresponding basic menu will be shown. If the CD is started using another application (e.g. navigation) the display will not change.

i The drive may not be able to play discs with copy protection.

▶ **To remove:** press the ⏏ button.
The drive ejects the disc.

▶ Remove the ejected disc from the slot.
If you do not take the disc out of the slot, it is drawn in again automatically after a short while.

Menu overview



① Main function bar
② Media menu bar
③ Track display on the disc
④ Track number and number of tracks in the track list
⑤ Artist and album
⑥ Numerical time display
⑦ Graphic time display
⑧ Cover view (if available)

Inserting and ejecting an SD memory card

Important safety notes

⚠ **WARNING**

SD memory cards are small parts. They can be swallowed and cause asphyxiation. This poses an increased risk of injury or even fatal injury.

Keep SD memory cards out of the reach of children. If an SD memory card is swallowed, seek immediate medical attention.

! If you are no longer using the SD memory card, you should remove it and take it out of

the vehicle. High temperatures can damage the card.

Audio 20 supports SD memory cards (**S**ecure **D**igital), SDHC memory cards (**S**ecure **D**igital **H**igh **C**apacity), and SDXC memory cards (**S**ecure **D**igital e**X**tended **C**apacity.

Inserting an SD memory card

- ▶ Insert the SD memory card into the multimedia connector unit until it engages. The side with the contacts must face downwards.
  If the memory card has been selected as a media source, the medium is played and the files are loaded in the background. If there are no supported audio files, you will see a message to this effect.
- ▶ Select the media source (▷ page 110).

Ejecting an SD memory card

- ▶ Press the memory card.
  The memory card is ejected.
- ▶ Remove the memory card.

Connecting USB devices

There are two USB ports in the stowage space under the armrest.

- ▶ Connect the USB device to the USB port.
  If the corresponding media display is visible, the medium is played and the files are loaded in the background. If there are no supported audio files, you will see a message to this effect.

ⓘ MP3 players must support Media Transfer Protocol (MTP).

Activating media mode

Switching on automatically

After inserting a CD or an SD memory card, the media mode is automatically switched on by Audio 20.

If playable media files are found, they will be played by Audio 20.

If a media function is already switched on in Audio 20, this will be interrupted and the basic display of the CD mode will appear. If another function, such as navigation, is being operated, the basic display will not change. Only the music from the last inserted CD will be played.

Depending on the vehicle equipment, the default display must already be turned on when using with USB devices.

- ▶ Insert CDs: (▷ page 113)

or

- ▶ Insert an SD memory card: (▷ page 114)

or

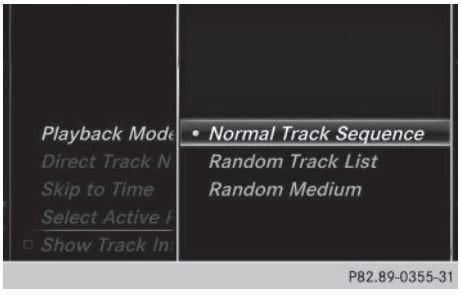
- ▶ Connect a USB device: (▷ page 114)
  Audio 20 loads the inserted medium and playback starts automatically.

Further options for switching on

- Using the main function bar: (▷ page 110)
- Using the device list: (▷ page 111)
- Using the MEDIA button: (▷ page 110)

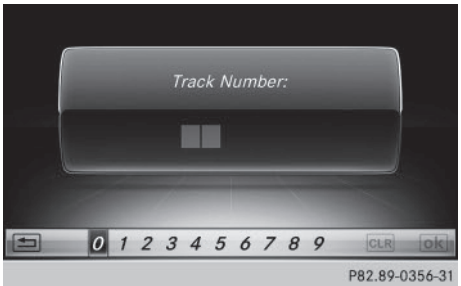
Playback options

- ▶ In media mode, slide ◎⬇ the controller.
  The media menu bar is shown.
- ▶ To select Options: turn and press the controller.



Play mode

- To select Playback Mode: turn and press the controller.
- Select Normal Track Sequence.
  The current track list is played in the order it appears on the data medium.
- Select Random Track List.
  The current track list is played in random order.
- Select Random Medium.
  All tracks on the data medium are played in random order.



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Direct track entry

- To select Track Number:: turn and press the controller.
  A menu appears.
- Enter the desired track number.

Skip to time

- To select Skip to Time: turn and press the controller.
  A menu appears.
- To set the time: turn the controller
  or
- Set the desired time.

Selecting an active partition

- To select Select Active Partition: turn and press the controller.
  With the Select Active Partition option, you can select a partition in the USB data medium.

Showing track information

- To select Show Track Information: turn and press the controller.
  Checking or unchecking the box in front of Show Track Information displays or hides the information on the track, artist and album in the main display field.

Pause and playback function

- **To pause playback:** in audio mode, slide ◎↓ the controller.
  The media menu bar is shown.
- To activate ❚❚ in the Media menu bar: turn and press the controller.
  Playback is interrupted here. The display changes to ▶.
- **To continue playback:** in audio mode, slide ◎↓ the controller.
  The media menu bar is shown.
- To activate ▶ in the Media menu bar: turn and press the controller.
  Playback is continued from the point of interruption. The symbol changes to ❚❚.

Selecting a track

Selecting using the current track list

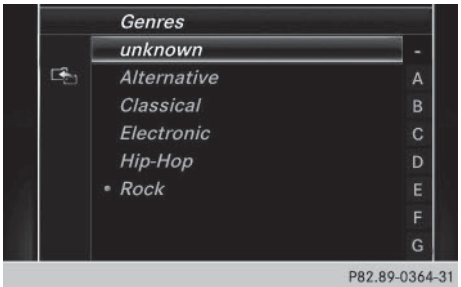
- **To display the current track list:** press the controller in the basic display.
  The category list appears.
- Select the current track list.
- To select a track: turn the controller and press to confirm.

Selecting by skipping to a track

- To skip forwards or backwards to a track: turn or briefly slide ◎→ or ←◎ the controller in the media basic display.

Search menu

▶ In media mode, slide ◎⬇ the controller.
The media menu bar is shown.
▶ To select Search: turn and press the controller.
The category list is shown.
▶ Select a category, e.g. Genres.
Sub-categories appear with the selection of the main category (depends on the Audio 20 default settings and the music tracks available).



▶ Select a sub-category, e.g. Rock.
If the Rock sub-category includes music tracks, these will be shown.

Media search

General notes

Audio 20 plays back files from the following data mediums:

- Disc (audio CD)
- Memory card
- USB storage device
- Apple® devices (folder, year and photos are not available)

The categories are displayed according to the data available.

Starting the media search

▶ In media mode, slide ◎⬇ the controller.
The media menu bar is shown.
▶ To select Search: turn and press the controller.
The category list appears.

Category list

▶ In media mode, slide ◎⬇ the controller.
The media menu bar is shown.
▶ To select Search: turn and press the controller.
The category list is shown.

Depending on the connected media sources and files, the following categories are listed:

- Current Track List
- Folder
- Select By Cover
- Keyword Search
- Playlists
- Artists
- Albums
- Track
- Genres
- Year
- Composers
- Photos
- Podcasts
- Audiobücher (Audiobooks)

ⓘ The categories are available as soon as the entire media content has been read and analyzed.

If the same device is reconnected with unchanged media content, these categories are available more quickly.

When connecting Apple® devices, the categories “Folder”, “Year” and “Photos” are not available.

Searching by current track list

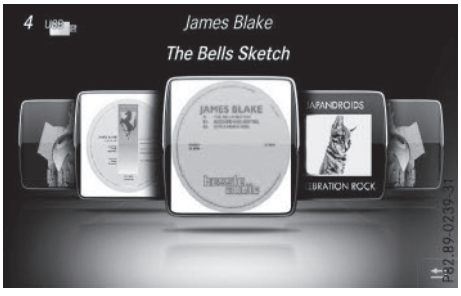
- ▶ To select Current Track List in the category list: turn and press the controller.
  The selection list appears.
- ▶ Select the required track.

Searching by folder

Playable files can be searched for in the active data medium's directories.

- ▶ To select Folder in the category list: turn and press the controller.
  The folder list appears.
- ▶ Select the required folder.
  The track list appears.
- ▶ Select the required track.

Selecting by cover

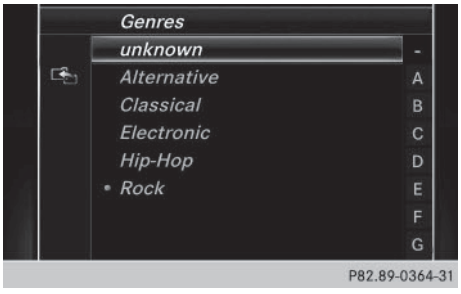


- ▶ To select Select By Cover in the category list: turn and press the controller.
  A menu with cover views appears.

Audio 20 searches all media sources.

- ▶ To move the desired folder to the front: turn the controller.
  The track list appears.
- ▶ To select the desired track: turn and press the controller.

Searching by genre



- ▶ To select Genres in the category list: turn and press the controller.
  Audio 20 searches all media sources. A selection list with Genres and media sources appears.
- ▶ Select the desired Genres.
  A selection list with music tracks from the selected genre appears.
- ▶ Select a music track.
  The track is played. The basic menu for the active media source is shown.
- ▶ To exit the selection list: press the ⮌ button.

Keyword search

▶ To select Keyword Search in the category list: turn and press the controller.
The input field appears.

▶ To select the desired characters: turn and press the controller for each character. Entering just part of the name of a track or artist is enough. The search result then displays the entire text.

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▶ Select ok .
The search results are displayed.
The numbers behind the results, as shown in the example Artists (1/1), mean: 1 result that contains the exact keyword searched for and 1 result that is similar.

▶ Select one of the results.
Keywords that have already been searched for are displayed in the "Search history" without having to enter them completely. They can be accepted directly and displayed in the search result.

▶ Select an entry.
Albums and covers (if available) are shown.
Audio 20 searches all media sources.

▶ Select an album.
The tracks are listed.

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▶ Select a track.
The basic display appears and playback starts.

Bluetooth® audio mode

Connecting Bluetooth® audio devices

Prerequisites

▶ Activate the Bluetooth® function in Audio 20 (▷ page 34).

Bluetooth® audio mode requires a Bluetooth®-capable audio device.

Check your Bluetooth® audio device for the following (see the manufacturer's operating instructions):

- Bluetooth® audio profile
  The Bluetooth® audio device must support the A2DP and AVRCP Bluetooth® audio profiles.
- Bluetooth® visibility
  Certain Bluetooth® audio devices do not just require activation of the Bluetooth® function. In addition, your device must be made "visible" to other devices.
- Bluetooth® device name
  This device name is predetermined but can usually be changed. For a clear selection of the Bluetooth® device, Mercedes-Benz recommends that you customize the device name.

ⓘ A2DP (**A**dvanced **A**udio **D**istribution **P**rofile): Bluetooth® audio profile for audio data transmission
AVRCP (**A**udio **V**ideo **R**emote **C**ontrol **P**rofile): Bluetooth® audio profile for audio data playback.

ⓘ The Bluetooth® device must be visible for authorization. After authorization, Audio 20 finds the Bluetooth® device even when it is not visible.

▶ The Bluetooth® function in Audio 20 must be activated (▷ page 34).

General notes

Before using your Bluetooth® audio device with Audio 20 for the first time, you will need to authorize it.

When you authorize a new Bluetooth® audio device, it is connected automatically. Connection involves first searching for a Bluetooth® audio device and then authorizing it.

You can authorize up to fifteen Bluetooth® devices.

ⓘ If you authorize a mobile phone that supports Bluetooth® audio, the A2DP and AVRCP Bluetooth® audio profiles are connected automatically.

The mobile phone is then entered:

- in the Bluetooth® telephone list (▷ page 61)
- in the Bluetooth® device list (▷ page 119)

Mercedes-Benz recommends authorizing a mobile phone in Bluetooth® telephony (▷ page 62).

ⓘ If the mobile phone that is connected only supports two Bluetooth® profiles at the same time, Audio 20 functions may behave as follows:

- when connecting to the Internet, playback is stopped on the Bluetooth® audio device.
- when starting playback on the Bluetooth® audio device, the Internet connection is ended.

Searching for and authorizing a Bluetooth® audio device

Switching to Bluetooth® audio mode

▶ To call up the media menu: press the MEDIA button.
The last media source you have set is displayed.

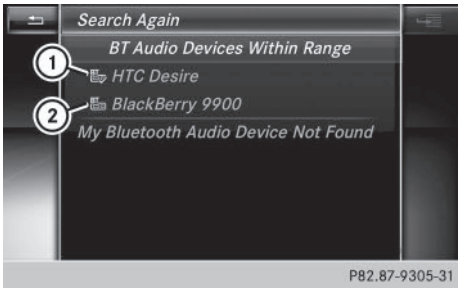
▶ To display the main function bar: slide ↑◎ the controller.

▶ To select Media: turn and press the controller.

▶ To select Bluetooth Audio: turn and press the controller.
A menu appears.
If you see the No Bluetooth Audio Device Connected message, you will need to authorize the Bluetooth® audio device first.

▶ To select Options in the Bluetooth audio menu: slide ◎↓ the controller and press to confirm.

▶ To select Bluetooth Audio Devices: press the controller.
A new menu appears.



① Bluetooth® audio player within range and already authorized
② Newly detected mobile phone with Bluetooth® audio mode in range

The Bluetooth® device list displays all authorized devices, whether they are within range or not. After a device search, devices which are within range but not authorized are also displayed.

Searching for Bluetooth® audio

▶ To select Search for Audio Devices: press the controller.
A message appears.

▶ Select Start Search.
Audio 20 searches for Bluetooth® audio devices within range and adds them to the Bluetooth® device list.

The duration of the search depends on the number of Bluetooth® audio devices within range and their characteristics.

ⓘ On some Bluetooth® audio devices, playback has to be started on the device itself first so that Audio 20 can play the audio files. Bluetooth® must also be given as a media output location for the audio device used.

Authorizing Bluetooth® audio

▶ Select a Bluetooth® audio device that has not yet been authorized from the list: turn and press the controller.
Authorization starts.

Depending on the Bluetooth® audio device used, you now have two options for continuing with authorization.

Option 1: entering the passkey

▶ You can find information on this in the "Authorizing (connecting) a mobile phone" section (▷ page 62).
After successful authorization, the Bluetooth® audio device is connected and starts playing.

Option 2: Secure Simple Pairing

▶ You can find information on this in the "Authorizing (connecting) a mobile phone" section (▷ page 62).
After successful authorization, the Bluetooth® audio device is connected and starts playing.

ⓘ The Bluetooth® audio device must support Bluetooth® version 2.1 for connection via Secure Simple Pairing. Audio 20 creates a six-digit code, which is displayed simultaneously on both devices that are to be connected.

For some Bluetooth® audio devices, the pairing must be confirmed within 10 seconds.

▶ If the number code displayed on Audio 20 and on the Bluetooth® audio device is the same, select Yes: press the controller.
If you select Yes, authorization continues and the Bluetooth® audio device is connected. Playback starts.

If you select No, authorization will be canceled.

External authorization

If Audio 20 does not find your Bluetooth® audio device, this may be due to particular security settings on your Bluetooth® audio device. In this case, check whether conversely your Bluetooth® audio device can locate the Audio 20 system.

The Bluetooth® device name for Audio 20 is MB Bluetooth.

▶ Switch on Bluetooth® audio mode (▷ page 122).

▶ To select Options: slide ◎⬇ and press the controller.

▶ To select Bluetooth Audio Devices: press the controller.

▶ To select Connect via Audio Device: turn and press the controller.

Authorizing

▶ Start the authorization on your Bluetooth® audio device (see the manufacturer's operating instructions).
After successful authorization, the Bluetooth® audio device is connected and starts playing.

On some Bluetooth® audio devices, playback has to be started on the device itself first so that Audio 20 can play the audio files.

Device-specific information on authorizing and connecting Bluetooth®-capable mobile phones can be found on the Internet at **http://www.mercedes-benz.com/connect** .

Reconnecting a Bluetooth® audio device

The Bluetooth® audio profiles are connected automatically under the following circumstances:

- one of the last two mobile phones to have been connected has also been used as a Bluetooth® audio player (if this function is supported by the mobile phone).
- the mobile phone is automatically connected. The Bluetooth® audio profiles are then also connected.

For an automatic connection with Audio 20, the telephone must be within range.

For most Bluetooth® audio devices, the "automatic connection" must be activated by ticking a box. Depending on the device used, this prompt often takes place when authorizing (see the manufacturer's operating instructions).

If the No Bluetooth Audio Device Connected message appears, you have two options to reconnect the Bluetooth® audio device.

Option 1:

▶ In the Connect Device basic display: press the controller.
If Audio 20 can locate the Bluetooth® audio device, it will be connected and playback will start.

Option 2:

▶ To select Options: slide ◎↓ and press the controller.
▶ To select Bluetooth Audio Devices: press the controller.
▶ To select a Bluetooth® audio device: turn and press the controller.
If the Bluetooth® audio device has been authorized, playback starts.

Bluetooth® audio device and simultaneous search for mobile phones

When searching for a mobile phone or a new Bluetooth® audio device, the connection to an already activated Bluetooth® audio device is stopped.

In the Bluetooth® audio basic display , you will see the No Bluetooth Audio Device Connected message, and the Connect Device menu item cannot be selected.

Displaying details

▶ To select a Bluetooth® audio device from the Bluetooth® device list: turn the controller.
▶ To select the symbol to the right of the Bluetooth® audio device: slide ◎→ the controller.
▶ To select Details: turn and press the controller.
The following information concerning the selected mobile phone is shown:
  - Bluetooth® name
  - Bluetooth® address
  - availability status (shown after an update)
  - authorization status
▶ **To close the detailed display:** press the ⮌ button.

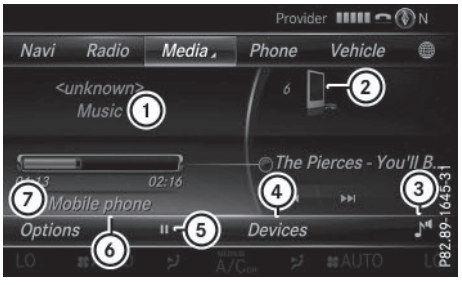
De-authorizing (deregistering) a Bluetooth® audio device

- ▶ To select a Bluetooth® audio device from the Bluetooth® device list: turn the controller.
- ▶ To select the symbol to the right of the Bluetooth® audio device: slide ◎→ and press the controller.
- ▶ To select Deauthorize: press the controller.
  A prompt appears asking whether you really wish to deauthorize this device.
- ▶ To select Yes or No: turn and press the controller.
  If you select Yes, the device will be deleted from the Bluetooth® device list.
  If you select No the process is canceled.

ⓘ Before re-authorizing the Bluetooth® audio device, you should also delete the device name MB Bluetooth from your Bluetooth® audio device's Bluetooth® list (see the Bluetooth® audio device's operating instructions).

Switching to Bluetooth® audio mode

Basic display



① Audio transmission status (depending on the Bluetooth® audio device, also title name and artist)
② Data medium position in the media list
③ Sound settings
④ Device list
⑤ To stop ⏸ or start ▶ playback
⑥ Name of the connected Bluetooth® audio device (example)
⑦ Options menu

Some mobile phones only support two Bluetooth® profiles at the same time (e.g. Hands-Free Profile for Bluetooth® telephony and Bluetooth® audio profile for audio streaming). If you activate Bluetooth® audio mode and there is already an active Internet connection, this can cause the connection to be terminated.

Switching to Bluetooth® Audio

- ▶ To call up the media menu: press the MEDIA button.
  The last media source you have set is displayed.
- ▶ To show the main function bar: slide ↑◎ the controller.
- ▶ To select Media: turn and press the controller.
- ▶ To select Bluetooth Audio: turn and press the controller.
  Audio 20 activates the Bluetooth® audio device. The basic display then appears. Playback starts.

ⓘ If the Bluetooth® audio device connected supports metadata and corresponding data is available, then the artist, track and album name can be displayed.

Starting/stopping playback

- ▶ To select **Start playback** ▶: turn and press the controller.
  Playback starts. ⏸ is selected.
- ▶ **To stop playback:** select ⏸.
  A message appears. ▶ is selected.
- ▶ **To continue playback:** select ▶.
  A message appears. ⏸ is selected.

Starting playback if the Bluetooth® audio device has been stopped

During the search for mobile phones (▷ page 61), the connection with the Bluetooth® audio device is terminated . In the Bluetooth® audio basic display (▷ page 122) you will see the No Bluetooth Audio Device Connected message and the Connect Last Used Player menu item cannot be selected.

When the search is finished, the Bluetooth® audio device can be reconnected.

- ▶ To select **Start playback:** ▶: slide ◎↓ and press the controller.
  Playback resumes from the beginning.
- ▶ To select Connect Last Used Player: press the controller.
  Depending on the Bluetooth® audio device used, playback starts immediately or you must start playback manually.
  In this case, you will see the Bluetooth Audio Device Paused message.

ⓘ If there is an Internet connection and the mobile phone that is connected only supports two Bluetooth® profiles at the same time, the Internet connection is interrupted.

ⓘ The connection to the Bluetooth® audio device can also be interrupted if:

- the connected mobile phone only supports 2 Bluetooth® profiles at the same time.
- you connect to the Internet using Audio 20 (▷ page 85).

Selecting a track

The function is not supported by all Bluetooth® audio devices.

Some mobile phones impair function with regard to the following criteria:

- the number of tracks that can be selected
- the time period until the next or previous track is played

- ▶ Switch the multifunction steering wheel to the media menu (see the vehicle Operator's Manual).
- ▶ **To skip forwards or backwards to a track:** press the ▲ or ▼ button on the multifunction steering wheel.
- ▶ **Rapid scroll:** press and hold the ▲ or ▼ button on the multifunction steering wheel until the desired track is reached. If you press and hold the ▲ or ▼ buttons, the rapid scrolling speed increases after a short time.

ⓘ In rapid scroll, track names are not shown, but instead only Track 1, Track2 etc. The playback times for the tracks played are not displayed. This is available as an optional function starting with AVRCP Version 1.3. There is also no music search option available with Bluetooth® Audio.

Selecting playback options

If the Bluetooth® audio device supports the corresponding function, the following options are available:

- Normal Track Sequence: the tracks are played in the normal order (e.g. track 1, 2, 3 etc.).
  Audio data playback is determined by the order in which the tracks are written to the data medium. Alphabetical order is the most common. Once all the tracks in a folder have been played, the tracks in the next folder are played.
- Random Track List: the current track list is played in random order (e.g. 3, 8, 5 etc.).
- Random Medium: all tracks on the data medium are played in random order (e.g. track 3, 8, 5 etc.).
  Playback options are optional functions and are not, or only partially, supported by Bluetooth® audio devices.

Selecting playback options

▶ To select Options: turn and press the controller.
▶ Select Playback Mode.
A ● dot indicates the current setting.
▶ Select the desired option.
If you select Random Track List, you will see a corresponding message in the display or selection window.

Increasing the Audio 20 volume

▶ To select Options: slide ◎⬇ and press the controller.
▶ To select Volume: turn and press the controller.
A menu appears. The ● dot indicates the current setting.
▶ Select Standard or Boost.
Information on sound settings (▷ page 130).

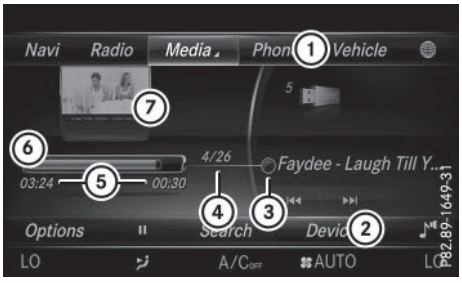
Operation with the Media Interface

General notes

Media Interface is a universal interface for the connection of mobile audio devices. Media Interface in Audio 20 has two USB connections.

The USB connection sockets are located in the stowage compartment under the armrest.

Media Interface basic display



① Main function bar
② Media menu bar
③ Track display on the disc
④ Track number and number of tracks in the track list
⑤ Numerical time display
⑥ Graphic time display
⑦ Cover view (if available)

Switching to Media Interface

▶ Connect a data medium to USB socket 1 or USB socket 2 (▷ page 114).
▶ Select the basic menu for Media Interface 1 or Media Interface 2 (▷ page 111).
If playable media files are found, they will be played by Audio 20.
If you remove a device, the No Device Connected message appears.

Supported devices

The Media Interface allows you to connect the following devices to Audio 20:

- iPod®
- iPhone®
- iPad®
- MP3
- USB devices

It is not possible to run two Apple® devices simultaneously. Therefore the device last connected is loaded.

iPod®, iPhone® and iPad® are registered trademarks of Apple Inc., Cupertino, California, USA.

Audio and picture files can be played back. Picture files from Apple® devices and MP3 players cannot be displayed (except cover pictures).

For details and a list of supported devices, visit our website at **http://www.mercedes-benz-mobile.com/**. Then follow the instructions in the "Media Interface" section.

Or call the Mercedes-Benz Customer Assistance Center at 1-800-FOR-MERCedes (1-800-367-6372) (for the USA) or Customer Relations at 1-800-387-0100 (for Canada).

Supported data formats

Music	mp3, wma, aac
Images	jpg, jpeg, bmp, png

Selecting a music file

Selecting with the controller

▶ **To display the current track list:** press the controller in the basic display.
The track list for the active data medium appears.

▶ To select a track: turn the controller and press to confirm.

▶ **To skip forwards or backwards to a track:** turn the controller in the basic display.
The selected track is played.

Fast forward/rewind

▶ With the media source active in the basic display, slide ◀◎ or ◎▶ the controller and hold it until the desired position has been reached.

Search function

Selecting Search using media menu bar

▶ Slide ◎⬇ the controller.
The media menu bar is shown.

▶ To select Search: turn and press the controller.
The category list appears.

Overview

The following categories are listed:

- Current Track List
- Folder
- Select By Cover
- Keyword Search
- Playlists
- Artists
- Albums
- Track
- Genres
- Year

- Composers
- Photos
- Podcasts
- Audiobücher (Audiobooks)

The functions are available as soon as the entire media content has been read and analyzed.

If the same device is reconnected with unchanged media content, these functions are available more quickly.

The audio books and podcasts categories are not available for USB devices.

When connecting Apple® devices, the categories “Folder”, “Year” and “Photos” are not available.

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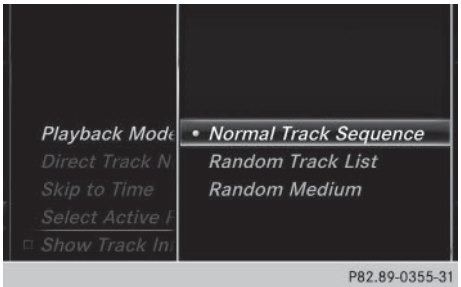
▶ To select a category, e.g. Current Track List: turn and press the controller.
The selection list appears.

▶ Select the required track.

▶ **Keyword search:** using the controller, enter the characters for the desired search term and confirm (▷ page 117).

Search results are sorted according to the available categories, displayed and can then be selected.

Playback options



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▶ In media mode, slide ◎⬇ the controller.
The media menu bar is shown.

▶ To select Options: turn and press the controller.

▶ To select the desired playback option: turn and press the controller.

Picture viewer

General notes

If there are pictures on the active data medium, you can view them on the Audio 20 display.

The following data media and picture formats are supported:

- **Data media:** CD, USB devices, SD memory cards
- **Picture formats:** jpeg, jpg, bmp, png

The maximum image resolution is 20 megapixels

It is not possible to view a picture while the vehicle is in motion.

Displaying pictures

▶ In media mode, slide ◎⬇ the controller.

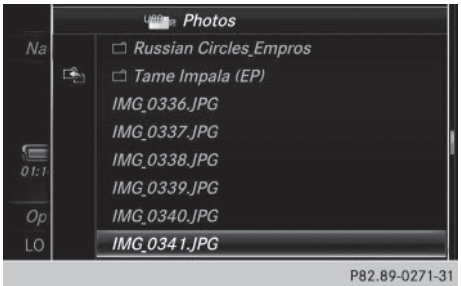
The media menu bar is shown.

- ▶ To select Search: turn and press the controller.
  The category list appears.
- ▶ To select Photos: turn and press the controller.
  A directory list appears. Folders and picture files can be shown.
- ▶ Select a folder or picture.
  If there is no picture on the data medium, an empty list is shown.

  You can search for pictures on other data media.

Searching for pictures on other data media

- ▶ In the directory list, slide ◀◎ the controller.
  The device list appears.



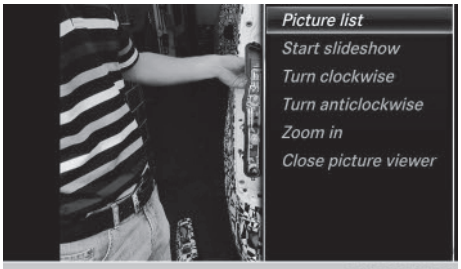
Example: the directory list displays the existing picture files

- ▶ To select a data medium with picture files: turn the controller and press to confirm.
  A directory list appears. Folders and picture files can be shown.
- ▶ Select a folder or picture.

Starting a slide show

- ▶ While viewing a picture, press the controller.
  The image menu appears.
- ▶ To select Start Slideshow: turn and press the controller.
  The slide show starts.
- ▶ To end the slide show: press the controller.
  The image menu appears.
- ▶ Select End Slide Show.

Changing the picture view



- ▶ Press the controller.
  The image menu appears.
- ▶ To select Turn Clockwise: turn and press the controller.
  The picture rotates 90 degrees.
- ▶ Select Turn Counterclockwise.
  The picture rotates 90 degrees.
- ▶ Select Zoom In.
  The size of the picture increases.

  After you have zoomed into the picture, you can move the section of the picture.
- ▶ To move the section of the picture: slide ↑◎↓ and ◀◎▶ the controller.
- ▶ To revert to the original size: press the controller

or

- ▶ Press the ⮌ button.

Closing the picture viewer

- ▶ Press the controller.
  The menu appears.
- ▶ To select Close Picture Viewer: turn and press the controller.
  Audio 20 returns to the last accessed media function.

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Audio 20 features

ⓘ These operating instructions describe all the standard and optional equipment of your Audio 20 system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.

ⓘ Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Sound settings

Calling up the sound menu

The sound settings can be selected to suit a variety of different audio sources. This means that it is possible to set more bass for radio mode than for USB mode, for example. The respective sound menu can be called up from the menu of the desired mode.

▶ Switch to radio mode (▷ page 98).

or

▶ Switch to media mode (▷ page 110).

▶ To switch to the menu bar: slide ◎⬇ the controller.

▶ To select ♪: turn and press the controller.
The menu appears with the last setting accessed, e.g. Equalizer.

Sound menu overview

Function	Options
Equalizer	Sets treble, mid-range and base
Balance/fader	Moves the sound focus: left/right and front/rear

Setting treble, mid-range and bass

P82.89-0275-31

▶ Call up the sound menu (▷ page 130).

▶ Turn the controller until Equalizer is brought to the front.

▶ To activate rotary menus for treble, mid-range and base: slide ◎⬇ the controller.

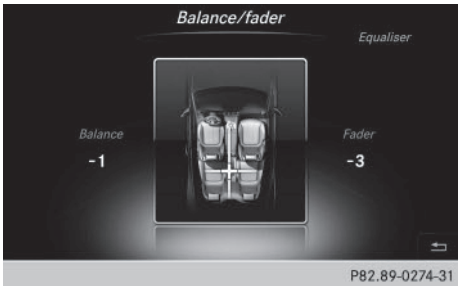
▶ To switch between the rotary menus: slide ⬅◎ or ◎➡ the controller.

▶ To make the desired Equalizer settings: turn the controller.
Rotary menus show the set values.

▶ To return to the menu: slide ⬆◎ the controller.

▶ To return to the basic menu: press the ⮌ button briefly.

Adjusting the balance/fader



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Balance moves the focus of the sound between left and right.

Fader moves the focus of the sound between front and rear.

- ▶ Call up the sound menu (▷ page 130).
- ▶ Turn the controller until Balance/Fader is brought to the front and then slide ◎⬇ the controller.
- ▶ To activate the menu for balance and fader: press the controller.
- ▶ To adjust the balance focus: slide ⬅◎ or ◎➡ the controller.
- ▶ To adjust the fader focus: slide ◎⬇ or ⬆◎ the controller.
  An image shows the sound focus set.
- ▶ To exit the menu: press the ⮌ button.

Burmester® surround sound system

General notes

The Burmester® surround sound system has a total output of 590 watts and is equipped with 13 loudspeakers.

The Burmester® surround sound system is available for all functions in the radio and media modes.

Calling up the sound menu

The sound settings can be selected to suit a variety of different audio sources. This means that it is possible to set more bass for radio mode than for USB mode, for example. The respective sound menu is called up from the menu of the desired mode.

- ▶ Switch to radio mode (▷ page 98).

or

- ▶ Switch to media mode (▷ page 110).
- ▶ To switch to the menu bar: slide ◎⬇ the controller.
- ▶ To select ♪: turn and press the controller.
  The menu appears with the last setting accessed, e.g. Equalizer.

Overview of Burmester® surround sound system

Function	Options
Equalizer	Sets treble, mid-range and base
Balance/fader	Moves the sound focus: left/right and front/rear
Surround	Optimizes sound playback for all seats

Setting treble, mid-range and bass

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- ▶ Call up the sound menu (▷ page 131).
- ▶ Turn the controller until Equalizer is in the center.
- ▶ Slide ◎⬇ the controller.
  The rotary menus for treble, mid-range and bass are activated.
- ▶ To switch between the rotary menus: slide ⬅◎ or ◎➡ the controller.
- ▶ To make the desired Equalizer settings: turn the controller.
  The rotary menus show the set values.
- ▶ To return to the menu: slide ⬆◎ the controller.
- ▶ To return to the basic menu: press the ⮌ button briefly.

Adjusting the balance/fader

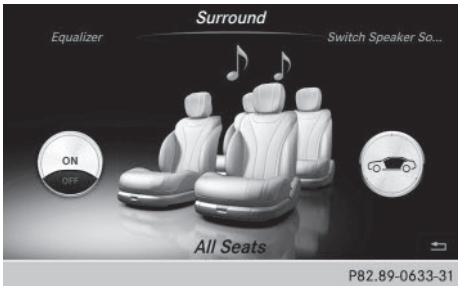
P82.89-0631-31

Balance moves the focus of the sound between left and right.

Fader moves the focus of the sound between front and rear.

- ▶ Call up the sound menu (▷ page 131).
- ▶ Turn the controller until Balance/Fader is brought to the front and then slide ◎⬇ the controller.
- ▶ To activate the menu for balance and fader: press the controller.
- ▶ To adjust the balance focus: slide ⬅◎ or ◎➡ the controller.
- ▶ To adjust the fader focus: slide ◎⬇ or ⬆◎ the controller.
  An image shows the sound focus set.
- ▶ To exit the menu: press the ⮌ button.

Setting surround sound



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The Surround setting optimizes the sound playback for the selected seat position.

- ▶ Call up the sound menu (▷ page 131).
- ▶ Turn the controller until Surround is in the center.
- ▶ Slide ◎⬇ the controller.
  The left-hand rotary menu to switch surround sound on and off is activated.
- ▶ To activate Surround: turn the controller until On is active.
- ▶ To adjust the surround sound for Front, Rear or All Seats: slide ◎➡ the controller.
  The right-hand rotary menu is activated.
- ▶ To set the desired Surround focus: turn the controller.
  The menu symbol, text and image show the selected setting.
- ▶ To exit the menu: press the ⮌ button.