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COMAND Operating Instructions

COMAND

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 font indicates a display in the multifunction display/COMAND 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:

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Vehicle manufacturer

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Germany

As at 10.02.2014

Welcome to the world of Mercedes-Benz

First, familiarize yourself with your COMAND system. 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 COMAND system and to avoid endangering yourself and others.

The equipment level and functions of your COMAND system may differ depending on:

- model
- order
- country specification
- availability

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.

Consult an authorized Mercedes-Benz Center if you have further questions.

The Operator's Manual and all supplements are integral parts 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

2185848200

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Operating safety

Important safety notes

⚠ 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.

⚠ 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 currently driving when operating COMAND.

COMAND calculates the route to the destination without taking account of the following, for example:

- traffic lights
- stop and yield signs
- merging lanes
- parking or stopping in a no parking/no stopping zone
- other road and traffic rules and regulations
- narrow bridges

COMAND can give incorrect navigation commands if the actual street/traffic situation does not correspond with the digital map's data. Digital maps do not cover all areas nor all routes in an area. For example, a route may have been diverted or the direction of a one-way street may have changed.

For this reason, you must always observe road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the system's driving recommendations.

Navigation announcements are intended to direct you while driving without diverting your attention from the road and driving.

Please always use this feature instead of consulting the map display for directions. Looking at the icons or map display can distract you from traffic conditions and driving, and increase the risk of an accident.

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.

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.)

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.

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.

Observe the following information when using COMAND:

- 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.

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 either you will not be able to select certain menu items or a message will appear to this effect.

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 vehi-

cle is serviced. The data obtained is used to properly diagnose and service your vehicle or to further optimize and develop vehicle functions.

COMAND/mbrace

If the vehicle is equipped with COMAND 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 COMAND or the mbrace system.

For additional information please refer to the COMAND User Manual 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**.

Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

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Overview

Components

① Display (▷ page 19)
② COMAND control panel (▷ page 21)
③ Controller and buttons (▷ page 18)

COMAND consists of:

- the display
- the COMAND control panel with a single drive or DVD changer
- the controller and buttons
- two connection options for USB or via Media Interface in the center console

  An iPod® is connected via USB cable.

Functions

- **HD FM radio/HD AM radio/satellite radio**

  Internet radio (call up via communication functions)
- **Media**
  - Media support: audio CD, MP3 CD, DVD video, two connection options for USB or via Media Interface, SD card, Bluetooth audio

    An iPod®, for example, can be connected directly to the USB via the integrated Media Interface.
  - Music search using all media
- **Sound system**

  You can select from two sound systems:
  - harman/kardon® Logic 7® surround sound system
  - Bang & Olufsen BeoSound AMG sound system

- **Navigation system**
  - Navigation via the hard drive
  - Destination entry, e.g. using keyword search
  - Realistic 3D map with textured city models
  - Personal POIs and routes using SD memory card
  - Navigation functions, e.g. compass display
  - Dynamic route guidance with traffic reports via SIRIUS satellite radio
- **Communication**
  - Messaging functions (text messages, email)
  - Address book
  - Internet browser
  - Mercedes-Benz Apps with Google Local Search™, Destination/Route Download, Weather, Facebook, Google Street View™, Internet radio, stock prices, news and much more
  - Mercedes-Benz Mobile Website
  - WiFi interface for the connection of a smartphone to COMAND
  - WiFi hotspot functionality to connect a tablet PC or laptop in order to enable access to the Internet using the customer's mobile phone
- **SIRIUS Weather**
  - Weather data as an information chart (current forecast, 5-day preview, detailed information)
  - Weather data on the weather map, e.g. rain radar data, storm characteristics and the track of tropical cyclones (hurricanes, tornadoes)
- **Vehicle functions**
  - Vehicle settings, e.g. fuel consumption
  - 360° camera
  - Rear view camera
  - Seat functions, e.g. setting driving dynamics
- **Favorites button**

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

Display

General notes

! Do not use the space in front of the display for storage. Objects placed here could damage the display or impair its function. 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

P82.89-1086-31

In the status bar at the top you will see the time and other displays, depending on the settings.

Below it you will see the main display field.

The climate control status display is briefly displayed when you operate the climate control system.

The example shows media playback in SD memory card mode.

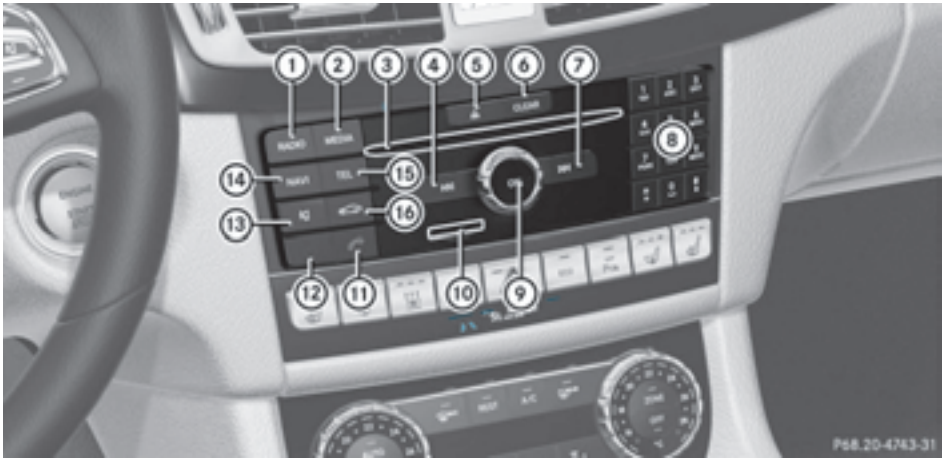
Cleaning instructions

! 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/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.

COMAND control panel



	Function	Page
①	Switches to radio mode	158
	Calls up the Radio menu	159
②	Switches to the last selected media mode	170
	Calls up the Media menu	170
③	Inserts and removes a disc from the single CD/DVD drive	174
	Inserts a CD/DVD into the DVD changer	174
	Ejects a CD/DVD from the DVD changer	175
④	Selects the previous station from the station list	159
	Skips backwards to a track	177
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⑤	Loads/ejects the CD/DVD	
	⏏ Single drive	174
	DVD changer	174
⑥	Clear button	23
	• Deletes characters	
	• Deletes an entry	

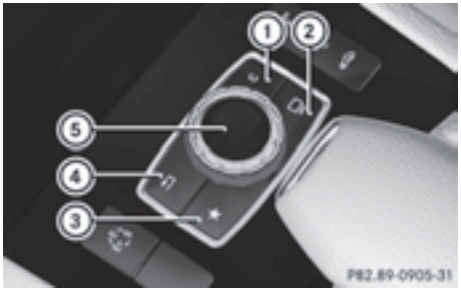
	Function	Page
⑦	Selects the next station from the station list	159
	Skips forwards to a track	177
	Fast forward	177
⑧	Number pad	
	• Saves a station	160
	• Authorizes (connects) a mobile phone	106
	• Telephone number entry	109
	• Searches for a contact	114
	• Character entry	26
	# Displays the current track being played (if the data medium supports track information)	171
	* Selects stations by entering the frequency manually	159
	* Selects a track	177
⑨	Switches COMAND on/off	23
	Adjusts the volume	23
⑩	Inserts/removes an SD memory card	175

	Function	Page
⑪	Accepts a call Making a call Redial Accepts a new call when a call is being made (call waiting)	109 109 109 112
⑫	Rejects a call Ends an active call	109 113
⑬	Switches the sound on or off Switches off navigation announcements	23 24

	Function	Page
⑭	Switches to navigation mode Calls up the navigation system menu	55 96
⑮	Calls up the telephone menu	103
⑯	Calls up vehicle settings	46

Buttons and controller

Overview



① Clear button
② Switches the display on/off
③ Favorites button (if available)
④ Back button
⑤ Controller

Instead of the display on/off button, the vehicle may be equipped with the seat setting button.

For AMG vehicles: the controller is equipped with buttons ① and ④.

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
- press briefly or press and hold

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.
COMAND 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.
COMAND changes to the basic display of the current operating mode.

Clear button

- ▶ **To delete individual characters:** briefly press the c button.
- ▶ **To delete an entire entry:** press and hold the c button.

Favorites button

You can assign predefined functions using the favorites button * and call them up by pressing the button (▷ page 41).

Display off button

You can switch the display on and off with the button (▷ page 33).

Seat button

If the controller is equipped with the button, you can call up the menu for seat settings (▷ page 48).

Basic functions

Switching COMAND on/off

- ▶ Press the ON control knob.
  When you switch on COMAND, a warning message will appear. COMAND calls up the previously selected menu.
  If you switch off COMAND, playback of the current media source will also be switched off.

Adjusting the volume

Adjusting the volume for media sources

- ▶ Turn the ON control knob.

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 ON control knob.

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 ON control knob.

or

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

ⓘ Setting the volume for the Voice Control System voice output, see the separate operating instructions.

Switching the sound on or off

Media source sound

- ▶ Press the button on the COMAND controller or the multifunction steering wheel.
  The sound is switched off. 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

▶ **To switch navigation announcements off:** press the [ ] button during an announcement.
The Spoken driving recommendations have been deactivated. message appears.

▶ **To switch navigation announcements back on:** switch COMAND off and then on again (▷ page 23).

or

▶ Start a new route calculation (▷ page 61).

or

▶ Select [ ]: while route guidance is active, show the menu and press the controller (▷ page 80).

Function menu

▶ Press the MEDIA button or the NAVI, RADIO, TEL, or [ ] button.
Navigation: the map displays the current vehicle position.
Radio: the basic menu of the last radio mode set appears.
Media: the basic display for the last media source set appears. In the example, SD memory card mode is set.
Communication: the basic menu of the last communication function set appears (telephone, address book, Internet).
Vehicle functions: the basic display appears.

▶ **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

For the main functions, e.g. communication or media, you can choose from the available operating modes.

In the communication menu, you can:

- switch to telephone mode
- call up the address book
- call up the Internet
- call up the digital operating instructions for the telephone/[ ]

▶ Press the TEL button.
The phone menu appears.

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

or

- To select Tel/: slide ↑ and press the controller.
  The communication menu appears. Phone is at the front.
- To select Internet, for instance, turn and press the controller.

Character entry (telephony)

Entering characters using the character bar

In the example, a new entry is added to the phone book (▷ page 115). The new entry has three input lines for entering the last name, first name and phone number. The input line for the surname is selected automatically.

Entering characters

- Turn and press the controller.
  The character selected in character bar ② is entered into surname input line ①.
- Enter the complete last name.

Deleting individual characters

- To switch to the bottom line of the character bar: slide ↓ the controller.
- To select c: turn and press the controller.
  The character last entered is deleted.

Deleting an entire entry

- To switch to the bottom line of the character bar: slide ↓ the controller.
- To select c: turn and hold the controller until the entire entry has been deleted.

Switching input line

- To switch to the bottom line of the character bar: slide ↓ the controller.
- To select ↓: turn and press the controller.
  The input line for the first name is selected. You can enter the characters for the first name.

When the telephone number input line is selected, the character bar is adapted for entering digits.

Entering characters

- Turn and press the controller.
  The character selected in character bar ④ is entered into telephone number input line ③.

Finishing an entry and saving a contact

- To switch to the bottom line of the character bar: slide ↓ the controller.
- To select ok: turn and press the controller.

Further functions available in the character bar

Symbol	Function
•••	Switches the character bar for entering characters, digits and symbols
ABC	Switches the character bar to uppercase/lowercase letters
	Changes the country setting for the character bar
c	Deletes a character/an entry

Symbol	Function
↑, ↓	Selects the input line
←, →	Moves the cursor within the input line
OK	Confirms an entry
⮌	Cancels input
↵	Inserts a paragraph

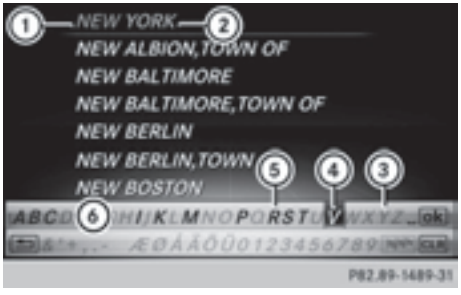
Entering characters using the number keypad

If an input line for text or numbers is selected, the number keypad is used for the character entry.

- For example, to enter the letter C: press the 2 ABC number key briefly three times in succession.
  An additional display area is shown with all the available characters. Press the key repeatedly to go through the characters until C is highlighted.
- Wait until the character display goes out. The letter C is entered in the input line.

Character entry (navigation)

Entering characters using the character bar



① Characters NEW (orange-color) entered by the user
② Characters YORK automatically added by COMAND
③ Characters not currently available
④ Currently selected character
⑤ Characters currently available
⑥ Character bar

The example shows the address entry (▷ page 60).

- **To enter a character:** turn, slide ◎↓ or ↑◎ and press the controller.
  Selected character ① is entered in the upper line. COMAND adds the missing characters and shows the entry that best matches the current input.
  The characters are available ⑤ or not ③, depending on the characters already entered and the data stored in the digital map.
  The ◢ symbol indicates that an entry exists more than once.
- **To delete a character:** slide ◎↓ and turn the controller, then press it after selecting c.
- **To delete an entire entry:** slide ◎↓ and turn the controller; then after selecting c press and hold down the controller until the entire entry is deleted.
- **To confirm an entry:** slide ◎↓ and turn the controller, then press it after selecting ok .

or

- Slide ↑◎ the controller repeatedly until the character bar disappears.
  The location selection list appears. The selected entry is highlighted.

The example shows the character entry when you save a destination as a navigable contact in the address book (▷ page 61). The cursor is located in the input line.

▶ **To select an input line:** slide ◎⬇ and turn the controller, then press it after selecting ↑ or ↓.

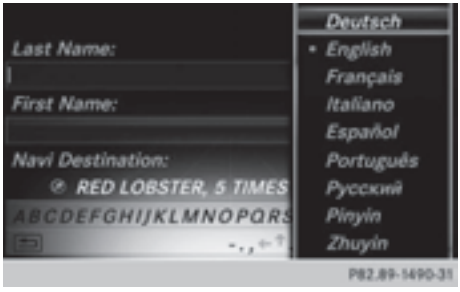
or

▶ Slide ⬆◎ the controller repeatedly until the character bar disappears.

▶ Turn and press the controller.

▶ **To move the cursor:** select the input line.

▶ Slide ◎⬇ and turn the controller, then press it after selecting ← or →.



▶ **To change the character bar language:** slide ◎⬇ and turn the controller, then press it after selecting ⚑. A menu appears.

▶ To select the language: turn and press the controller. The character set for the selected language is set.

The character bar entry functions are listed in the table.

Symbol	Function
•••	Switches between digits and symbols
ABC	Switches the character bar to uppercase/lowercase letters
⚑	Changes the character bar language

Symbol	Function
c	Deletes a character/an entry
🔍	Switches to keyword search (▷ page 62)
↑, ↓	Selects the input line
←, →	Moves the cursor within the input line
ok	Confirms an entry
⮌	Cancels input

Entering characters using the number keypad

▶ Press one of the number keypad buttons, e.g. 2 ABC, once or repeatedly in quick succession.
The character appears at the bottom of the display when the key is pressed. The first available letter is highlighted.
You see which characters you can enter with that key. Each time the key is pressed, the next character is selected.

▶ Wait until the character display goes out. The entries matching your input are shown in the list.

Favorites

Overview of favorites

① To add a new favorite (▷ page 28)
② To rename a selected favorite (▷ page 29)
③ To move a selected favorite (▷ page 29)
④ To delete a selected favorite (▷ page 29)

Displaying the favorites overview

- ▶ Press the favorites button on the controller. The favorites are displayed.
- ▶ To show the menu bar: slide ◎⬇ the controller.

You can manage a total of 20 favorites.

Further information on how to select and display a favorite (▷ page 28).

Displaying and selecting favorites

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

Adding favorites

Adding predefined favorites

- ▶ Press the favorites button on the controller. The favorites are displayed.
- ▶ To show the menu bar: slide ◎⬇ the controller.
- ▶ To select Assign New: turn and press the controller.
  The categories for the available favorites are displayed.
  - Navigation
  - Entertainment
  - Tel
  - Vehicle
  - Climate Control
- ▶ To select a category: turn the controller and press to confirm.
  The corresponding favorites are displayed.
- ▶ To select the desired favorite: turn and press the controller.
- ▶ To store the favorite in the desired order: turn and press the controller.
  The favorite has been added.

  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, radio stations or destinations as favorites.

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

- ▶ Call up the phone book (▷ page 113).
- ▶ Search for the contact and display the phone number: (▷ page 114).
- ▶ To store the phone number as a favorite: press and hold the favorites button on the controller until the favorites are displayed.
- ▶ To store the favorite in the desired order: turn and press the controller.
  The favorite has been added.

  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 (▷ page 25).
- ▶ To finish the entry: select OK. The favorite has been renamed.

Moving favorites

- ▶ 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. The favorite has been moved.

  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.

or

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

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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

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.

⚠ 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.

Display settings

Setting the brightness

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

▶ Press the button on the COMAND control panel.

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 Display: turn and press the controller. A menu appears.

▶ Select Brightness. A control appears.

▶ To select the desired brightness: turn and press the controller.

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 on the COMAND control panel.

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 Display: turn and press the controller.
  A menu appears.
- ▶ To select Day Mode, Night Mode or Auto: turn and press the controller.
  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.
Auto	If the Auto setting is selected, COMAND evaluates the readings from the automatic vehicle light sensor and automatically switches between the display designs.

Switching the display on/off

- ▶ Press the [🚗] button on the COMAND control panel.
- ▶ To select Display Off: slide ◎⬇, turn and press the controller to confirm.
  The display goes out.

or

- ▶ Press the [▢] button on the controller.
  The display goes out.
- ▶ **To switch the display on again:** press the controller.

Time settings

General information

COMAND can automatically set the time and date.

The following navigation system functions require the time, time zone and summer/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.

- ▶ Press the [🚗] button on the COMAND control panel.

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.

- ▶ Press the [🚗] button on the COMAND control panel.

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.

▶ Select the country you are currently in by turning and pressing 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 34).

Setting summer and standard time

The Daylight Saving Time menu is not available in all countries.

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.

▶ Press the button on the COMAND control panel.

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

ⓘ Using the manual time settings, you can set the time forwards or backwards by up to several hours.

▶ Press the button on the COMAND control panel.

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 the 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 on the COMAND control panel.

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
DD.MM.YYYY	Day.Month.Year date format, year (all four digits)
DD/MM/YYYY	Day/Month/Year date format, year (all four digits)
MM/DD/YYYY	Month/Day/Year date format, year (all four digits)
YY/MM/DD	Year/Month/Day date format, year (two digits)
YYYY/MM/DD	Year/Month/Day date format, year (all four digits)
YYYY-MM-DD	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)

Text reader settings

▶ Press the button on the COMAND control panel.

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 Text Reader Speed: turn and press the controller. A list appears.

▶ Select Fast, Medium or Slow. The ● dot indicates the current setting.

Voice Control System settings

Opening/closing the help window

ⓘ If the set system language is not supported by the Voice Control System, English will be selected.

The help window also shows you information on audible instructions:

- during individualization
- during subsequent operation of the Voice Control System.

▶ Press the button on the COMAND control panel.

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

▶ To select Voice Control: turn and press the controller.

▶ Select Help Window. You have switched the help window on ☑ or off ☐.

More information on the Voice Control System is available in the separate operating instructions.

Individualization

Using individualization, you can fine-tune the Voice Control System to your own voice. This will help improve voice recognition (see the separate operating instructions).

WiFi

Overview

USA:

To establish a WiFi connection between COMAND and a WiFi-enabled device, such as a tablet computer or smartphone:

- WiFi must be activated at COMAND and at the device to be connected.

If COMAND is to be used as a WiFi hotspot:

- COMAND must be connected to an Internet-enabled mobile phone via Bluetooth® or USB.
- The Internet access data for the mobile phone network provider must be selected or set for COMAND.
- There must be an Internet connection to COMAND.

Canada:

Prerequisites for establishing a WiFi connection between COMAND and a WiFi hotspot for a WiFi-enabled device, such as a smartphone, or another hotspot:

- WiFi must be activated on COMAND.
- the mobile WiFi hotspot on the smartphone to be used as a hotspot must be activated.

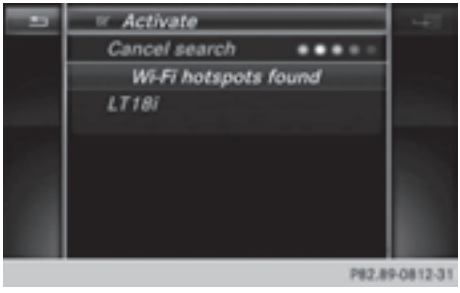
Activating WiFi (USA)

- Press the button on the COMAND control panel.

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: press the controller.
- To select WiFi: turn and press the controller. The WiFi menu appears.
- To select the Activate option: press the controller.

Activating WiFi (Canada)



- Press the button on the COMAND control panel.

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: press the controller.
- To select WiFi: turn and press the controller. The WiFi menu appears.
- To select the Activate option: press the controller. Available WiFi hotspots are searched for and displayed.

Connecting the device

General notes

The exact WiFi connection procedure may vary depending on the device to be connected. Follow the instructions that are shown in the display. Further information can be found on the operating instructions for the device you wish to connect.

Selecting a hotspot (Canada)

- Press the button on the COMAND control panel.

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: press the controller.

- To select WiFi: turn and press the controller.
  The WiFi menu appears. A search for hotspots is carried out.
- To select a hotspot: turn and press the controller.
  A menu for making the connection appears.

Connecting a device via WPS PIN (USA)

Prerequisite:

For this type of connection, the device to be connected must support "Connect using WPS PIN".

- Select Connect via WPS PIN.
- Select the vehicle from the device to be connected and "Connect using WPS PIN".
  The vehicle is displayed with the SSID MB HOTSPOT XXXXX.
  The device to be connected generates a PIN.
- This PIN is also entered on COMAND.
- To confirm the entry: press the controller.

Connecting a device via WPS PIN (Canada)

Prerequisite:

For this type of connection, the device to be connected must support "Connect using WPS PIN".

- Press the button on the COMAND control panel.

or

- Press Vehicle in the main function bar.
  The vehicle menu is displayed.
- To switch to the menu bar: slide the controller.
- Select System Settings.
  The System Settings menu is displayed.
- To select WiFi: turn and press the controller.
  The WiFi menu appears.
- Select one of the hotspots that has been found.
  A menu for making the connection appears.
- Select Connect via WPS PIN.
- Enter the WPS PIN generated by COMAND into the device.
- To confirm the entry: press the controller.

Connecting a device via WPS PBC (USA)

Prerequisite:

For this type of connection, the device to be connected must support "Connect via push button".

- Press the button on the COMAND control panel.

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: press the controller.
- Select WiFi.
  The WiFi menu appears.
- Select Connect via WPS PBC.
- Select the vehicle from the device to be connected and Connect via WPS PBC.

The vehicle is displayed with the SSID MB HOTSPOT XXXXX.

▶ To confirm the entry: press the controller.

Connecting a device via WPS PBC (Canada)

Prerequisite:

For this type of connection, the device to be connected must support "Connect via push button".

▶ Press the button on the COMAND control panel.

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: press the controller.

▶ Select WiFi. The WiFi menu appears.

▶ To select one of the hotspots that has been found: turn and press the controller. A menu for making the connection appears.

▶ Select Connect via WPS PBC.

▶ Press the pushbutton on your device.

▶ To confirm the entry: press the controller.

Generating a new security key (USA)

▶ Press the button on the COMAND control panel.

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: press the controller.

▶ To select WiFi: turn and press the controller. The WiFi menu appears.

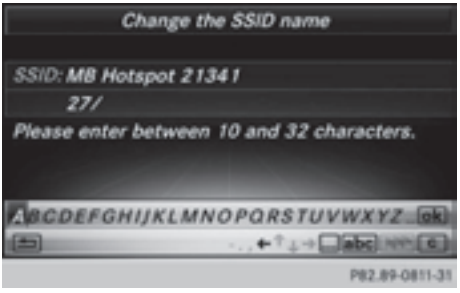
▶ To select Generate Security Key: turn and press the controller.

▶ To select Regenerate: press the controller. A new security key is generated.

▶ To save the security key: turn the controller and select Save. The WiFi menu appears. The new security key will now be displayed and verified when a connection is established via the security key. The connection must be re-established with the newly created security key.

ⓘ Device connections established using the previous security key will no longer work after the security key is changed. You have to reconnect these devices (▷ page 37).

Changing the name of the SSID (USA)



▶ Press the button on the COMAND control panel.

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: press the controller.
- ▶ To select WiFi: turn and press the controller.
  The WiFi menu appears.
- ▶ To select Change SSID: turn and press the controller.
  A dialog for entering the SSID appears.
- ▶ Enter the new SSID.
- ▶ To select ok : turn and press the controller.
  The new SSID is shown on the device to be connected and in the Connect Using Security Key menu.

ⓘ Device connections established using the previous SSID will no longer work after the SSID is changed. You have to reconnect these devices (▷ page 37).

Bluetooth® settings

General information about Bluetooth®

Bluetooth®-capable devices, e.g. mobile phones, have to comply with a certain profile in order to be connected to COMAND. 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 COMAND 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 on the COMAND control panel.

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 ☐.

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.

ⓘ When you set the system language, the language of the Voice Control System will change accordingly. If it is not supported by the Voice Control System, English will be selected.

- ▶ Press the button on the COMAND control panel.

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 Language: turn and press the controller. The list of languages appears. The ● dot indicates the current setting.
- ▶ Select the desired language. COMAND loads the selected language and sets it.

Calling up the favorite functions

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)

Calling up the Favorites function via the system menu:

- ▶ Press the [🚗] button on the COMAND control panel.

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. A menu appears.

Calling up the Favorites function using the controller:

- ▶ Press the favorites button on the controller. 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 [↩] on the controller.

or

- ▶ To select [↩] in the display: turn and press the controller.

Further information on the Favorites function (▷ page 28).

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 COMAND data from one system/vehicle to another.
- make a backup copy of your personal data (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 on the COMAND control panel.

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.

- 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 COMAND data (▷ page 43).

Importing/exporting data

- Insert the SD memory card (▷ page 175).

or

- Connect a USB device (e.g. a USB memory stick) (▷ page 176).
- Press the button on the COMAND control panel.

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, such as address data, the existing data on COMAND is overwritten. You will see a message to this effect. COMAND is restarted after the data import.

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

▶ To enter the PIN: turn the controller and press ok .
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 address data, 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 COMAND to the factory settings. Amongst other things, this will delete all personal COMAND data. These include:

- Station presets
- Entries in the destination memory
- Entries in the list of previous destinations in the navigation system
- Entries in the address book
- 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 on the COMAND control panel.

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. COMAND is reset to the factory settings and restarted.
If you select No the process is canceled.

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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

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

- ▶ Press the button on the COMAND control panel.

or

- ▶ Press Vehicle in the main function bar.
  The vehicle menu is displayed.
- ▶ To select Vehicle Settings: turn and press the controller.
- ▶ 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 46).
- ▶ To select Ambient Light Brightness: turn and press the controller.
  The setting element is active.
- ▶ Press the controller.
- ▶ To change the brightness value: turn and press 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 46).
- ▶ 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 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.

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.

You can find further information on the automatic headlamp mode in the vehicle Operator's Manual.

- ▶ Call up Vehicle Settings (▷ page 46).
- ▶ 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 locking feature in the vehicle Operator's Manual.

Setting the delayed switch-off time

Interior lighting delayed switch-off

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 46).
- ▶ 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.

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.

- ▶ Call up Vehicle Settings (▷ page 46).
- ▶ 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.

Displaying the fuel consumption

Every bar of the graph displays the average value for one minute.

- Call up Vehicle Settings (▷ page 46).
- To select Consumption: turn and press the controller.
  The fuel consumption for the last 15 minutes of the journey is shown.

Switching the ionization on/off

The ionization has a cleansing effect on the air in the vehicle interior. You can find further information on the ionization in the vehicle Operator's Manual.

- Call up Vehicle Settings (▷ page 46).
- To select Ionization: turn and press the controller.
  The ionization is switched on or off , depending on the previous status: press and turn the controller.

Exiting a menu

- Press the button.

Seats

Overview

The following settings can be made in the menu:

- Backrest side bolsters
- Lumbar
- Seat cushion
- Massage
- Dynamics
- Seat heating balance

Selecting the adjustment function and seat

- Press the button on the COMAND control panel.

or

- To select Vehicle from the main function bar: turn and press the controller.
  The vehicle menu is displayed.
- To select Seat Settings: turn and press the controller.
  The seat settings menu is shown.

or

- Press the button on the controller.
  The seat settings menu is shown.
- To select the required seat function: turn and press the controller.
- To switch between Driver and Front Passenger: slide ◂◎▸ the controller.

Adjustment functions

Adjusting the backrest side bolsters

- Call up the seat functions (▷ page 48).
- To select Backrest Sides: turn and press the controller.
- To change the setting: turn the controller.
  You will see the changes you have made in the settings display.
- **To exit the menu:** press the button.

Adjusting the seat contour in the lumbar region of the seat backrest

This function allows you to adjust the air cushions in the lumbar region of the backrest (4-way lumbar support).

- Call up the seat functions (▷ page 48).
- To select Lumbar: turn and press the controller.
- To activate the setting element: press the controller.
- To change the setting: slide ▴◎▾ or ◂◎▸ the controller.
  The change will be visible in the setting element.
- **To exit the menu:** press the button.

Adjusting the seat cushion

- ▶ Call up the seat functions (▷ page 48).
- ▶ To select Seat Surface: turn and press the controller.
- ▶ To select a seat: slide ◂◎▸ the controller.
- ▶ To change the setting: turn the controller. You will see the changes you have made in the settings display.
- ▶ **To exit the menu:** press the ⮌ button.

Adjusting the driving dynamics

- ▶ Call up the seat functions (▷ page 48).
- ▶ To select a seat: slide ◂◎▸ the controller.
- ▶ To select Dynamic Multicontour Seat: turn and press the controller.

You can select:

- 0: Off
- 1: Level 1 (weak)
- 2: Level 2 (strong)

- ▶ To select the setting: turn the controller.
- ▶ **To exit the menu:** press the ⮌ button.

Massage programs

Overview

You can select the following massage programs:

- Relaxing Massage
  Relaxing massage program starting in the pelvic area, warm pressure points can be felt, full back massage, stretching the pelvic area, ending with gentle soothing movements
- Activating Massage
  Activating massage through increasing twin-waves and then soothing movements
- Classic Massage
  Massage with increasing waves, soothing movements
- Mobilizing Massage
  Mobilization of the spinal column and the complete upper body by means of pressure point mobilizing massage at chest height

Selecting a massage program

- ▶ Call up the seat functions (▷ page 48).
- ▶ To select Massage: turn and press the controller.
- ▶ To select a seat: slide ◂◎▸ the controller.
- ▶ To select massage programs: turn and press the controller.
  The massage program runs for approximately 15 to 25 minutes, depending on the setting.
- ▶ **To exit the menu:** press the ⮌ button.

Seat heating balance

The balance function controls the distribution of heat on the seat backrest and cushion.

The balance function influences the currently set heating level of the seat heating (see the vehicle Operator's Manual).

- ▶ Call up the seat functions (▷ page 48).
- ▶ To select Seat Heating Balance: turn and press the controller.
- ▶ To select a seat: slide ◂◎▸ the controller.
- ▶ To change the setting: turn the controller. You will see the changes you have made in the settings display.

The settings represent the following:

- 0 – the backrest and seat cushion are evenly heated according to the setting selected with the seat heating button.
- 1 to 3 – the heat output to the seat cushion is reduced one level at a time.
- -1 to -3 – the heat output to the backrest is reduced one level at a time.

- ▶ **To exit the menu:** press the ⮌ button.

Resetting all adjustments

- ▶ Call up the seat functions (▷ page 48).
- ▶ Select a seat.
- ▶ To select Reset: turn and press the controller.
- ▶ To select a seat: slide ◀◎▶ the controller.
- ▶ To reset: press the controller.
  A prompt appears.
- ▶ To select Yes or No: turn and press the controller.
  If you select No the process is canceled.
  After selecting Yes all seat adjustments are reset to the default values (factory setting).

360° camera

General notes

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.

Overview

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

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

Settings for the 360° camera

When you activate the Activation by R gear function, the image from the 360° camera is displayed when you select reverse gear.

Activating/deactivating using the reverse gear:

- ▶ Press the button on the COMAND control panel.

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.
- ▶ Select 360° Camera.
- ▶ Select Activation by R gear.
  The function is switched on ☑ or off ☐, depending on the previous status.

Switching object detection on/off

The 360° camera can detect both moving and stationary objects. If, for example, a pedestrian or another vehicle is detected, these objects are marked with bars. The system is only able to detect and mark stationary objects when your vehicle is moving. By contrast, stationary objects will always be detected and marked.

- ▶ To select Object Detection in the 360° camera menu: turn the controller and press to confirm.
  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 speed of approx. 30 km/h

Rear view camera

General notes

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.

Overview

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

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

Settings for the rear view camera

When you activate the Activation by R gear function, the image from the rear view camera is displayed when you select reverse gear.

Activating/deactivating using the reverse gear:

▶ Press the button on the COMAND control panel.

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.

▶ 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 area behind the vehicle is shown with guide lines in the display. You can find further information about the rear view camera in the vehicle Operator's Manual.

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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

Introduction

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 currently driving when operating COMAND.

COMAND calculates the route to the destination without taking account of the following, for example:

- traffic lights
- stop and yield signs
- merging lanes
- parking or stopping in a no parking/no stopping zone
- other road and traffic rules and regulations
- narrow bridges

COMAND can give incorrect navigation commands if the actual street/traffic situation does not correspond with the digital map's data. Digital maps do not cover all areas nor all routes in an area. For example, a route may have been diverted or the direction of a one-way street may have changed.

For this reason, you must always observe road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the system's driving recommendations.

Navigation announcements are intended to direct you while driving without diverting your attention from the road and driving.

Please always use this feature instead of consulting the map display for directions. Looking at the icons or map display can distract you from traffic conditions and driving, and increase the risk of an accident.

General notes

Operational readiness of the navigation system

The navigation system must determine the position of the vehicle before first use or whenever operational status is restored. Therefore, you may have to drive for a while before precise route guidance is possible.

GPS reception

Among other things, correct functioning of the navigation system depends on GPS reception. In certain situations, GPS reception may be impaired, there may be interference or there may be no reception at all, e.g. in tunnels or parking garages.

ⓘ Using roof carriers may impair the correct functioning of a roof antenna (phone, satellite radio, GPS).

Entry restriction

For vehicles in certain countries, there is a data entry restriction.

Entries can be made when the selector lever is in position **P** or the vehicle is stationary.

When the restriction is active, certain entries cannot be made. This will be indicated by the fact that certain menu items are grayed out and cannot be selected.

The following entries are not possible, for example:

- entering the destination city and street
- POI entry via a name search
- editing and saving of entries

Other entries are however possible, such as a keyword search and entering POIs in the vicinity of the destination or current position.

Switching to navigation mode

▶ Press the NAVI button.
The map shows the vehicle's current position.

Access from one of the other main functions:

▶ To activate the menu: slide ↑◎ the controller (e.g. in radio mode).

▶ To select Navi: turn and press the controller.

Access within navigation:

▶ From any menu, press the NAVI button.
The navigation menu appears.

▶ Press the controller.
The map shows the vehicle's current position.

Showing/hiding the menu

Using the menu, you can make a destination entry or select the navigation settings, for example.

▶ **To show:** slide ◎↓ the controller when the map appears.
If there has been no route calculated, Destination is marked.
If a route has been calculated, is marked.

▶ **To hide:** press the ⮌ button.

or

▶ Slide ↑◎ the controller.
Full screen symbol ① appears.

▶ Press the controller.

Moving the map

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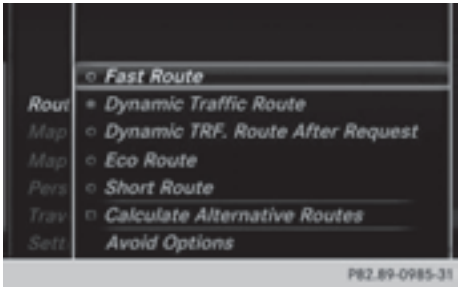
REQUIREMENT: the map is in full screen mode, the menu is faded out (▷ page 55).

- ▶ Press the controller.
  The crosshair is shown.
- ▶ Slide ◀◎▶, ▲◎▼ or ◎ the controller.
  The map moves in the corresponding direction under the crosshair.
- ▶ To show the menu: press the controller.
- ▶ Select Menu.

Basic settings

Selecting the route type



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- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎▼ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ To select Route Settings: press the controller.
- ▶ To select the route type: turn and press the controller.
  A filled circle indicates the current selection.
  - With active route guidance, COMAND calculates a new route.
    Route guidance active: a destination has been entered and the route has been calculated.
  - If there has been no route calculated, COMAND uses the selection as the new basic setting.

Fast Route	COMAND calculates a route with a short journey time.
Dynamic Traffic Route	Based on the Fast Route route type and includes traffic reports on the route for the route guidance.
Dynamic TRF. Route After Request	If there are traffic reports, a prompt appears asking whether these reports should be considered in the route calculation.
Eco Route	COMAND calculates an economical route. The journey may take slightly longer compared to taking the fast route.
Short Route	COMAND calculates a shorter route.

The route types Dynamic Traffic Route and Dynamic TRF. Route After Request use real-time traffic reports from SIRIUS satellite radio.

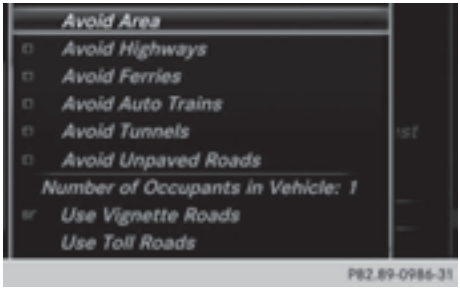
Further Information on real-time traffic reports (▷ page 84).

- ▶ **To calculate alternative routes:** select Calculate Alternative Routes.
  Switch the function on ☑ or off ☐.

Function activated: after each route calculation, route alternatives are offered that correspond to the local conditions (▷ page 82).

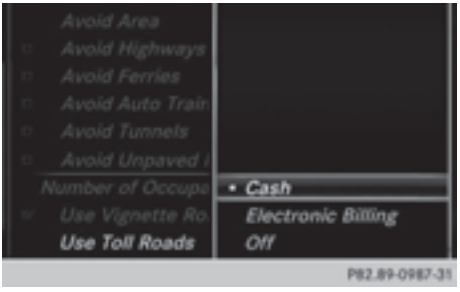
If desired, you can have COMAND calculate alternative routes even during route guidance (▷ page 82).

Setting route options



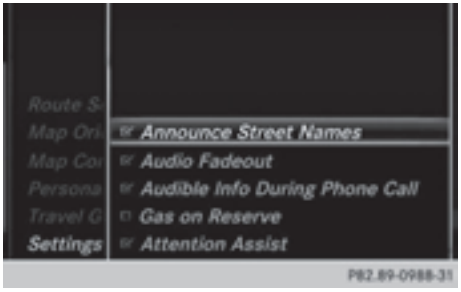
- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ To select Route Settings: press the controller.
- ▶ **To avoid/use route options:** select Avoid Options.
  A menu appears.
- ▶ Select one of the options.
  ☑: using or avoiding route options is enabled
  ☐: using or avoiding route options is disabled
  - Avoid Area (▷ page 93)
    COMAND enables you to avoid areas you do not wish to drive through.
  - Avoid Highways
  - Avoid Ferries
  - Avoid Auto Trains
  - Avoid Tunnels
  - Avoid Unpaved Roads
    The function is not available in all countries.
  - Use Toll Roads
    The route calculation includes roads which require you to pay a usage fee (toll).
  - Number of Occupants in the Vehicle:
    If your vehicle meets the access conditions for carpool lanes, you can use this function.
    Navigation includes carpool lanes if the carpool lanes option is activated.

Depending on local conditions, COMAND may not always be able to include all route options. A route may include a ferry, for instance, even though Avoid Ferries is enabled. COMAND will notify you of this visually and through a navigation message.



- ▶ **To use toll roads:** turn and press the controller.
  A menu appears.
- ▶ Select an option.
  The options include using roads that require cash payment or electronic billing, or switching off the function.
- ▶ **To exit a menu:** slide ◎ the controller.

Selecting announcements



- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎⬇ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ Select Settings.
- ▶ Select an option.
  Switch the option on ☑ or off ☐.

Announce Street Names	COMAND announces the names of the streets to which the impending change of direction will lead.
Audio Fadeout	The volume of an active media source is automatically reduced during a navigation announcement.
Audible Info During Phone Call	The navigation message is also given during telephone calls.
Gas on Reserve	Function activated: once the reserve fuel tank level is reached, a message appears to help you start a gas station search.
Attention Assist	Function activated: if ATTENTION ASSIST displays a warning in the multifunction display, a message appears in the COMAND display to help you start a rest stop search. For further information about ATTENTION ASSIST, see the vehicle Operator's Manual.

Using car pool lanes

You can include carpool lanes (HOV or car sharing lanes) in the route calculation.

If you use HOV or carpool lanes, please observe the applicable laws as well as the local and time limitation conditions.

Carpool lanes may only be used under certain conditions. They can normally be used when there are two people in the vehicle. However, there are also carpool lanes which can only be used when there are three or more people in the vehicle. In California, single drivers may also use the carpool lanes if the vehicle's emission or consumption values are below the prescribed levels.

Carpool lanes may be reserved for specific times (e.g. during the peak period).

Carpool lanes are indicated by a diamond symbol on specific road signs and on the road surface. The road signs may also include the designation CARPOOL. The lanes are arranged as a separate lane next to the others or are built as a physically separate lane.

Depending on the setting under Number of Occupants in the Vehicle:, COMAND uses carpool lanes when calculating the route. During route guidance, visual and audible driving directions provide guidance into and out of carpool lanes.

- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** press the controller.
- ▶ To select Options: turn and press the controller.
- ▶ Select Route Settings.
- ▶ Select Avoid Options.
- ▶ Select Number of Occupants in the Vehicle:.
  A menu appears. The • dot indicates the current setting.
- ▶ To select the number: turn and press the controller.

Destination entry

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 currently driving when operating COMAND.

Destination entry may be blocked while driving, depending on the country specifications.

Using an address

Calling up the address entry menu

- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎↓ the controller.
- ▶ To select Destination: turn and press the controller.
- ▶ Select Address Entry.

Address entry options

Examples of how you can enter an address:

- City/ZIP, street, house number
- City/ZIP, street
- City/ZIP, center
- City/ZIP, street, intersection
- Street, City/ZIP, house number
- Street, City/ZIP, intersection

The address can be entered faster by entering the street before the city if the address has an unusual street name.

While entering an address, you can also switch to other destination entry options:

- Keyword Search (▷ page 62)
- Map (▷ page 68)
- POI (▷ page 65)

Entering an address

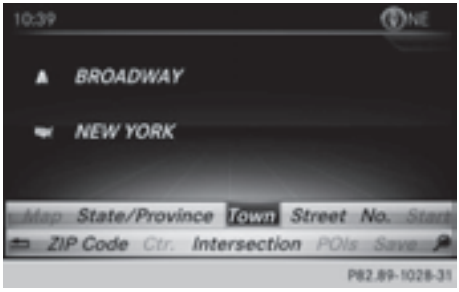
The example shows you how to enter a city, street and house number for an address, e.g. for your home address.

- In the address entry menu, select Street: press the controller (▷ page 59).
  The city in which the vehicle is currently located is at the top of the list.
- Enter BROADWAY. Character entry (▷ page 26).

- **To call up the list:** slide ↑◎ the controller repeatedly until the character bar disappears.

or

- To select OK: turn and press the controller.



- To select Town: press the controller.
- Enter the city, e.g. New York. Then call up the list and select an entry. Proceed in the same way as when entering a street.
- To select No.: press the controller.
- Enter the house number. Then call up the list and select an entry. Proceed in the same way as when entering a street.
  The address entry menu shows the address.

The city in which the vehicle is currently located (current vehicle position) is at the top of the list of cities. When destinations are entered using the character bar, the locations for which route guidance has already been carried out are more prominently available.

You can enter any of the cities, streets, ZIP codes, etc. which are stored in the digital map. However, ZIP codes are not available for some countries.

State/province and city are sufficient to start navigating. You can enter either a city or a ZIP code. The street and house number complete the destination address.

Entering additional address data

You can enter additional address data:

- State/province
  You can use Last Used to select the last selected state (USA) or province (Canada). You can also select Mexico and The Bahamas.
- ZIP code
  Entering a ZIP code will delete a previously entered city.

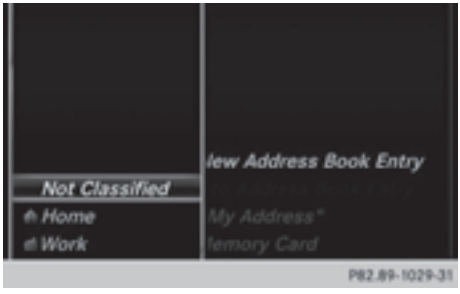
- Center
  Entering a center will delete a previously entered street.
- Intersection
  Entering an intersection will delete a previously entered house number.

▶ Select the address entry menu (▷ page 59).
▶ To select: State/Province, ZIP Code, Ctr. or Intersection turn, slide ◎⬇ and press the controller.
▶ Select an entry (▷ page 60).

Saving an address

You can store the addressed entered as:

- home address in the address book
- a navigable address book contact
  For further information on the address book, see (▷ page 117)
- a personal destination on the SD memory card (▷ page 89)



▶ Call up the address entry menu (▷ page 59).
▶ To select Save: slide ◎⬇, turn and press the controller to confirm.
▶ **As the home address:** select As "My Address".
COMAND stores your home address under My Address in the list of contacts.

▶ **As a contact:** select As New Address Book Entry.
▶ Select Not Classified, Home or Work.
▶ Enter a surname and first name (▷ page 26).
▶ To select OK: turn and press the controller.
The destination address is saved in the address book as a navigable contact.

Starting route calculation

The entered destination appears in the address entry menu.

▶ To confirm Start or Continue: press the controller.
If you select Start: the route is calculated with the current route settings (▷ page 56). While route calculation is in progress, an arrow will indicate the direction to your destination. Once the route has been calculated, route guidance begins. If the vehicle is traveling on a non-digitized road, the system displays the linear distance to the destination, the direction to the destination and the Road Not Mapped message.

Selection Continue: If Calculate Alternative Routes is activated, alternative routes are calculated (▷ page 57). You can display these and select them for route guidance (▷ page 82).

If route guidance has already been activated, a prompt will appear asking whether you wish to end the current route guidance.

▶ To select Yes or Set as Intermediate Destination: turn and press the controller.
Yes cancels the current route guidance and starts route calculation to the new destination.
Set as Intermediate Destination adds the new destination in addition to the existing destination and opens the intermediate destinations list.

ⓘ The route is calculated using the digital map data. The calculation time depends on the distance from the destination, for example.

The route may differ from the ideal route, e.g. due to incomplete map data. Please also refer to the notes about the digital map (▷ page 96).

Calling up the keyword search

▶ To select the magnifying glass symbol: while in the address entry menu, slide ◎⬇, turn and then press the controller.

Viewing the vicinity of the destination

▶ To select symbol ①: turn the controller and press to confirm.
You can explore the destination area.

Requirement for exploring a destination (USA): mbrace must be activated for Internet access (▷ page 137).

Requirement for exploring a destination (Canada): a mobile phone is connected via Bluetooth® (▷ page 104) or USB (▷ page 187) with COMAND.

Keyword Search

Entering keywords

The keyword search is used to help find destinations using fragments of words. If you enable the appropriate setting in the search options, the keyword search is tolerant of errors (▷ page 63).

It can be used for an address or a POI. For example, you can search for the Empire State Building in New York.

The keyword search finds geographically tolerant hits. If, for example, you are searching for a street located on the edge of a major city, the search will also cover adjacent smaller cities.

The keyword search supports the character sets of the system languages available.

▶ **To switch to navigation mode:** press the NAVI button.

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

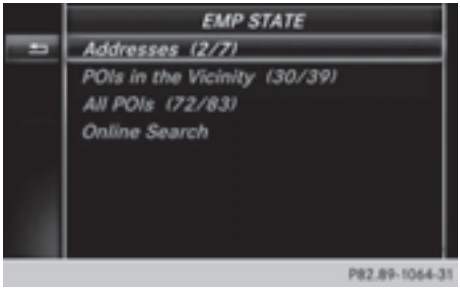
▶ To select Destination: turn and press the controller.

▶ Select Keyword Search.

▶ Enter the first few letters of the city and street, e.g. NEW and EMP.
While entering the information, the number of exact matches/all hits is shown.
---/--- is displayed if fewer than three characters have been entered.
999+ is displayed if there are too many hits.

▶ Select OK.
The search results are displayed (▷ page 63).

Selecting search results



The search results are divided into categories, such as addresses. The number of exact/total hits is shown in brackets.

Further search results are displayed, if POI Search and/or Fuzzy Search are activated in the search options (▷ page 63).

▶ **To select an address:** press the controller.
The search results are displayed.

Exact hits are shown at the very top of the list. Hits are listed alphabetically. The search term that you entered is highlighted in orange in the entries.

▶ Select an entry: turn and press the controller.
The address entry menu appears, showing the destination address.

▶ To start route calculation: select Start .

▶ **To select POI:** select POIs in the Vicinity or All POIs by turning and pressing controller.
A list appears. The search results are displayed according to the linear distance, starting with those closest.

▶ Select a POI.
The POI is shown.

▶ To start route calculation: select Start .

▶ **To use online search:** select Online Search by turning and pressing the controller.
The search switches to the online functions.

Online search requirement (USA): mbrace must be activated for Internet access (▷ page 137).

Requirement for the online search (Canada): a mobile phone must be connected via Bluetooth® (▷ page 104) or USB (▷ page 187) with COMAND.

Selecting search options

▶ **To switch to navigation mode:** press the NAVI button.

▶ **To show the menu:** slide ◎↓ the controller.

▶ To select Destination: turn and press the controller.

▶ Select Keyword Search.

▶ To select Search Options: slide ↑◎, turn and press the controller to confirm.

▶ Select Fuzzy Search or POI Search.
Switch the setting on ☑ or off ☐.

The error-tolerant search is useful if parts of the address are incomplete or the spelling is unclear.

The POI search takes into account points of interest in the search.

Selecting a state/province

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎↓ the controller.
- To select Destination: turn and press the controller.
- Select Keyword Search.
- To select State/Province: slide ↑◎, turn and press the controller to confirm. States/provinces are sorted alphabetically.
- To select a state/province : turn and press the controller.

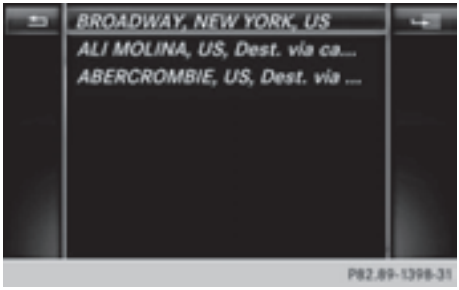
Using online search

Requirement (USA): mbrace must be activated for Internet access (▷ page 137).

Requirement (Canada): a mobile phone is connected via Bluetooth® (▷ page 104) or USB (▷ page 187) with COMAND.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎↓ the controller.
- To select Destination: turn and press the controller.
- Select Keyword Search.
- To select Online Search: slide ↑◎, turn and press the controller to confirm. The search switches to the online functions.

Selecting a destination from the list of last destinations



COMAND automatically stores the last 50 destinations.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎↓ the controller.
- To select Destination: turn and press the controller.
- Select From Last Destinations.
- Select the destination. The address entry menu appears, showing the destination address.
- **To start route calculation:** select Start .

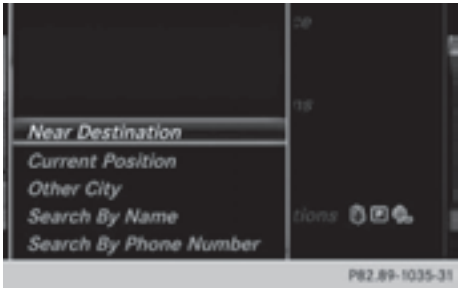
Selecting an address book contact as a destination

You can select navigable address book contacts as the destination. These are identified by the ⓘ symbol. If you have already entered and saved your home address, you can select this as the destination by using My Address.

- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎⬇ the controller.
- ▶ To select Destination: turn and press the controller.
- ▶ Select From Contacts.
- ▶ Select the destination.
  The address entry menu appears, showing the contact and associated destination address.
- ▶ **To start route calculation:** select Start .

Selecting a destination from POIs

Calling up the POI menu



- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎⬇ the controller.
- ▶ To select Destination: turn and press the controller.
- ▶ Select From POIs.

Defining the position for the POI search

Selection	Instructions
Near Destination (when route guidance is active)	▶ Call up the POI menu (▷ page 65). ▶ To select Near Destination: turn and press the controller. ▶ Select a POI category (▷ page 67).
Current Position Searches in the vicinity of the current vehicle position.	▶ Call up the POI menu (▷ page 65). ▶ To select Current Position: turn and press the controller. ▶ Select a POI category (▷ page 67).
Other City After entering a city, the search is performed within the city's boundaries	**Option 1** ▶ Call up the POI menu (▷ page 65). ▶ To select Other City: turn and press the controller. ▶ Select the state/province (▷ page 60), if desired. ▶ Enter the city (▷ page 60). ▶ Select a POI category (▷ page 67). **Option 2** ▶ Enter a city in the address entry menu (▷ page 60). ▶ To select POIs: slide ◎⬇ the controller, turn and press to confirm. ▶ Select a POI category (▷ page 67).

Selection	Instructions
Search By Name Searches for all POIs on the digital map or around one of the three previously specified positions	▶ Call up the POI menu (▷ page 65). ▶ To select Search By Name: turn and press the controller. ▶ Select All POIs or one of the three previously selected positions. The POI list with character bar appears. ▶ Enter a name. or ▶ To select Mercedes-Benz Service: turn and press the controller.
Search By Phone Number All POIs with a telephone number can be selected.	▶ Call up the POI menu (▷ page 65). ▶ To select Search By Phone Number: turn and press the controller. You will see a list of phone numbers. ▶ Enter the telephone number. The telephone number consists of: • the country code (international dialing code) • the area code When entering the area code, omit the leading "0". • the telephone number of the participating caller

Selecting a POI category

POI categories appear after choosing the menu items Near Destination, Current Position and after entering another city.

▶ Turn and press the controller.
The ◢ symbol after an entry shows that further categories are available.

▶ Select a sub-category.
The POI search covers a 240 mile (400 km) radius around the selected position.

Once the search is completed, the POI list is displayed.

The search results display the following information:

- an arrow that shows the linear direction to the POI (search around vehicle position)
- the linear distance to the POI
- the name of the POI

▶ Select a POI.
The complete address of the POI is shown.

Selecting a POI

Requirement for "Calling up POI": a mobile phone must be connected to COMAND (▷ page 104).

Requirements for "Viewing the vicinity of the destination" and "Loading data from the Internet" (USA): mbrace must be activated for Internet access (▷ page 137).

Requirements for "Viewing the vicinity of the destination" and "Loading data from the Internet" (Canada): a mobile phone must be connected via Bluetooth® (▷ page 104) or USB (▷ page 187) with COMAND.

The complete address of the POI is shown.

Viewing the vicinity of the destination

▶ To select ①: turn and press the controller.
If street images are available, the street in the vicinity of the destination address is shown.

Calling up the map

▶ Select Map.

▶ Move the map, change the map scale and select the POI (▷ page 68).

Calling up a POI

▶ Select Call.
If a phone number is available, COMAND switches to the telephone function.

Loading data from the Internet

▶ Select www.
If an Internet address is available, data is loaded from the Internet.

Saving a POI

▶ To select Save: turn and press the controller.
The POI can be saved as:
- home address
- a navigable address book contact (▷ page 117)
- a personal destination on the SD memory card (▷ page 89)

Starting route calculation

▶ To select Start or Continue: turn and press the controller.
Continue can be selected: the Calculate Alternative Routes setting is enabled (▷ page 57).

Using the Map

① Crosshair
② Distance of crosshair position from current vehicle position

▶ **To switch to navigation mode:** press the NAVI button.

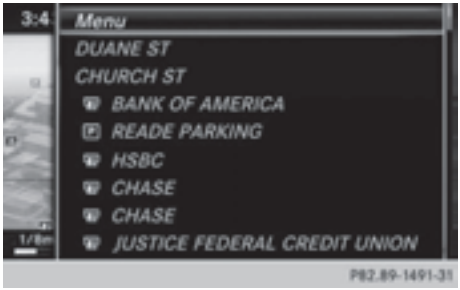
▶ **To show the menu:** slide ◎↓ the controller.

▶ To select Destination: turn and press the controller.

▶ Select Using Map.
The map with crosshair is shown.

▶ **To move the map:** slide ←◎→, ↑◎↓ or ⤡◎⤢ the controller.

▶ **To change the map scale:** turn the controller until the desired map scale is selected.
The scale is displayed at the bottom.
To enlarge the map: turn the controller counter-clockwise.
To zoom the map out: turn the controller clockwise.



- **To select a destination:** press the controller.
  The list contains the Menu menu item. If several destinations are available in the area around the crosshair, these are also displayed.
- To show the menu: press the controller.
- To select a destination from the selection list: turn and press the controller.
  If the digital map provides navigable address data, you will see the destination address in the address entry menu.
- **To start route calculation:** select Start .

Entering intermediate destinations

Introduction

You can also map the route to the destination yourself by entering up to four intermediate destinations. The sequence of the intermediate destinations can be changed at any time.

COMAND provides a selection of predefined POIs in eight categories, e.g. Restaurants for a quick selection. You can also use the destination entry options to enter intermediate destinations.

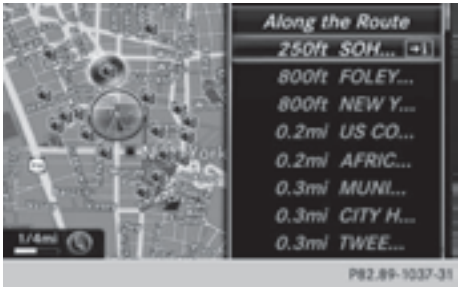
Creating intermediate destinations

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Destination: turn and press the controller.
- Select Intermediate Destinations.
  The destination is entered in the intermediate destinations menu.
- To select Add New:: press the controller.

- To select a POI category or Other : turn and press the controller.
  After selecting one of the eight POI categories, available POIs are displayed:
  - along the route
  - near current position

  COMAND first searches for destinations on the route. The search for destinations is then initiated in the area around the current vehicle position.
- After selecting Other, select one of the destination entry options.

Selection	Step
Address Entry	▶ Enter a destination by address (▷ page 60).
Keyword Search	▶ Select a destination by means of a keyword search (▷ page 62).
From Last Destinations	▶ Select a destination from the list of last destinations (▷ page 64).
From Contacts	▶ Select a contact from the address book as the destination (▷ page 64).
From POIs	▶ Select a point of interest (▷ page 65).
Using Map	▶ Enter a destination using the map (▷ page 68).
From Memory Card	▶ Select a personal POI (▷ page 75).
From Mercedes-Benz Apps	▶ Enter a destination from Mercedes-Benz Apps (▷ page 72).
Using Geo-Coordinates	▶ Enter a destination using the geo-coordinates (▷ page 72).



▶ To select a POI: turn the controller and press to confirm.
After selecting a POI or entering a destination, the address of the intermediate destination is displayed.
After entering a destination using the map, the address entry menu is displayed. Start is highlighted.

▶ **To call up a map:** select Map by turning and pressing the controller.
You can move the map and select the destination.

▶ **To make a call:** select Call.
If the intermediate destination has a telephone number and a mobile phone is connected to COMAND (▷ page 104), the call is connected.

▶ **To load data from the Internet:** select www.
If an Internet address is available, data is loaded from the Internet.

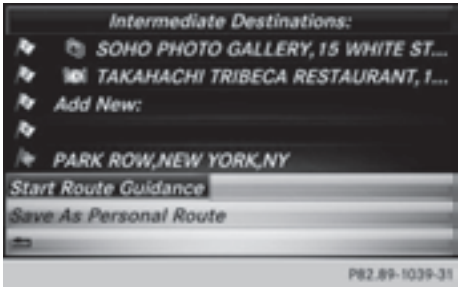
▶ **To store an intermediate destination in the destination memory:** select Save (▷ page 88).

▶ **To accept an intermediate destination:** select Start by pressing the controller.
The destination is entered in the intermediate destinations menu.

Editing intermediate destinations

You can perform the following functions:

- change intermediate destinations
- switch the sequence of the intermediate destinations in the intermediate destinations menu
- delete intermediate destinations



▶ To select an intermediate destination in the intermediate destinations menu: turn and press the controller.
A menu appears.

▶ **To change an intermediate destination:** select Edit in the menu.

▶ Change the address, e.g. the city and street.

▶ To select OK: turn and press the controller.
The intermediate destinations menu appears and displays the changed intermediate destination.

You can change the sequence of the intermediate destinations entered and the destination. To change the sequence, at least one intermediate destination and the destination must have been entered.

▶ **To change the order:** in the menu, select Move.

▶ Turn the controller and move the intermediate destination or destination to the desired position.

▶ Press the controller.

▶ **To delete an intermediate destination:** select Delete in the menu.

Accepting intermediate destinations for the route

▶ To select Start in the intermediate destinations menu: press the controller.
The route is calculated with the entered intermediate destinations.
If Calculate Alternative Routes is enabled in the basic settings, the menu item Continue is displayed instead of Start (▷ page 57).
If an intermediate destination was passed during route guidance, a green tick mark will be entered in the intermediate destinations menu. Once the route has been recalculated, the intermediate destination is deleted from the intermediate destinations menu.

Saving as a personal route

▶ Insert the SD memory card (▷ page 175).

▶ To select Save As Personal Route in the intermediate destinations menu: turn and press the controller.
The route is saved on the SD memory card under Personal Routes.

Searching for a gas station when the fuel level is low

Requirement: the setting Gas on Reserve must be enabled (▷ page 58).

If the fuel tank reserve level is displayed, you will see the Gas on Reserve Do you want to start a search for surrounding gas stations? message.

▶ To select Yes or No: turn and press the controller.
If you select Yes, the gas station search starts. When the search is complete, a list of the gas stations available along the route or in the vicinity is displayed.

If you select No, the search is canceled.

▶ Select the gas station.
The address of the gas station is displayed.

▶ To select Start: press the controller.
The gas station selected is set in the intermediate destinations menu as the next intermediate destination not yet reached. Route guidance begins.

Entering a destination from Mercedes-Benz Apps

Requirement (USA): mbrace is activated for the Mercedes-Benz Apps (▷ page 137).

Requirement (Canada): a mobile phone is connected via Bluetooth® (▷ page 104) or USB (▷ page 187) with COMAND.

▶ **To switch to navigation mode:** press the NAVI button.

▶ **To show the menu:** slide ◎↓ the controller.

▶ To select Destination: turn and press the controller.

▶ Select From Mercedes-Benz Apps.
The list of Mercedes-Benz Apps appears.

Using Geo-Coordinates

▶ **To switch to navigation mode:** press the NAVI button.

▶ **To show the menu:** slide ◎↓ the controller.

▶ To select Destination: turn and press the controller.

▶ Select Using Geo-Coordinates.
Geo-coordinates are entered in degrees, minutes and seconds.

Entering the latitude and longitude coordinates

▶ To change the value: turn the controller.

▶ To move the selection within the line: slide ←◎→ the controller.

▶ To move the selection between lines: slide ↑◎↓ the controller.

▶ To confirm the value: press the controller.

Saving a destination

▶ To select Save: turn and press the controller.
The destination can be stored as:
- home address in the address book
- a navigable address book contact
  For further information on the address book, see (▷ page 117)
- a personal destination on the SD memory card (▷ page 89)

Starting route calculation

▶ To select Start Route Guidance: turn and press the controller.

Personal POIs and routes

General notes

The use of personal POIs for displaying traffic surveillance equipment is not permitted in every country. Please observe the country-specific regulations and always drive at a suitable speed.

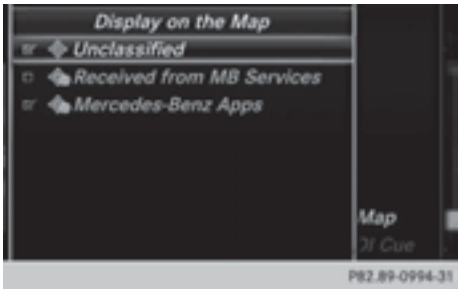
Personal POIs are filed in categories:

- Not Classified
  Standard entry for personal POIs
- Mercedes-Benz Apps
  Personal POIs (destinations, routes) that you have imported via the online functions
- Categories which you have created yourself, e.g. on your PC

Personal routes are not categorized.

Settings for personal POIs

Displaying on the map



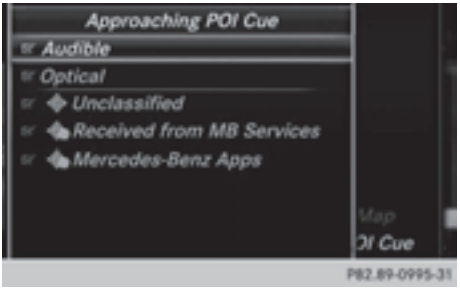
Requirement: an SD memory card with personal POIs is inserted (▷ page 175).

All personal POIs of the selected category are displayed on the map with a corresponding symbol.

If the "Alert when approaching" (▷ page 73) function is activated, the symbols are displayed up to a map scale of 2 km.

- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ Select Personal POIs.
- ▶ Select Display on the Map.
  The menu displays the categories available on the SD memory card.
- ▶ To select a category: turn the controller and press to confirm.
  All personal POIs in the selected category are displayed ☑ or not displayed ☐, depending on the previous status.

Alert when approaching



Requirement: an SD memory card with personal POIs is inserted (▷ page 175).

If the vehicle is approaching a personal POI, this is highlighted on the map and/or an audible signal sounds.

For this purpose, both the corresponding function Alert When Approaching and the category containing the personal POI must be activated.

- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ Select Personal POIs.
- ▶ Select Alert When Approaching.
  The menu displays the categories available on the SD memory card.
- ▶ Select Audible or Optical.
  The function is switched on ☑ or off ☐, depending on the previous status.
- ▶ To select a category: turn the controller and press to confirm.
  The function is switched on ☑ or off ☐, for all personal POIs of this category, depending on the previous setting.

Saving personal POIs and routes

General notes

Personal POIs and routes are geodata which are saved in the open GPX (**GP**S E**x**change) format on the SD memory card.

Personal POI from current vehicle position or crosshair position

- ▶ Insert the SD memory card (▷ page 175).
- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ When the map is displayed, press the controller until a message appears.
  The current vehicle position is saved to the Not Classified category on the SD memory card and also stored in the "Last destinations" memory (▷ page 89).
  If the "Move map" function is selected (▷ page 56), the crosshair position is saved.

ⓘ If no SD memory card is inserted, the personal POI will only be stored in the "Last destinations" memory.

Personal POI from destination address

- ▶ Insert the SD memory card (▷ page 175).
- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ Call up the address entry menu and enter the destination address (▷ page 59).
- ▶ To select Save: slide ◎⬇ the controller.
- ▶ Turn and press the controller.
- ▶ To select To Memory Card: turn and press the controller.
- ▶ Enter the name.
- ▶ Select a category.
  The current address is saved as a personal point of interest on the SD memory card.

ⓘ You can select a destination from the From Last Destinations or From Contacts memories and save it on the SD memory card.

- From Last Destinations (▷ page 64)
- From Contacts (▷ page 64)

Personal route from a tour including intermediate destinations

- ▶ Insert the SD memory card (▷ page 175).
- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ Enter a destination, e.g. by address (▷ page 59).
- ▶ Start route calculation (▷ page 61).
- ▶ To create intermediate destinations (▷ page 69).
- ▶ To select Save As Personal Route in the intermediate destinations menu: turn and press the controller.
  The route is saved in the Personal Routes folder on the SD memory card.

Importing personal POIs and routes via Mercedes-Benz Apps

You can use Mercedes-Benz Apps (e.g. Download POI, Local Search) to import destinations to the navigation system. These have their own symbol and are filed in the Mercedes-Benz Apps category.

You can save the imported destinations and routes as personal POIs and routes (▷ page 74).

When importing routes, please note:

- The Mercedes-Benz Apps may generate a route based on a different map from the one used by COMAND. Points on the route may therefore be situated off the digital roads. For this reason an imported route commenced in COMAND may deviate from the original route from the Mercedes-Benz Apps.
- The Mercedes-Benz Apps minimize the number of route points offered. For this reason an imported route commenced in

COMAND may deviate from the original route from the Mercedes-Benz Apps.

Selecting and editing personal POIs and routes

Selecting

- Insert the SD memory card (▷ page 175).
- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎ the controller.
- To select Destination: turn and press the controller.
- Select From Memory Card.
  The menu displays the categories available on the SD memory card.
- To select a category or Personal Routes: turn and press the controller.
  The available personal POIs or route entries are displayed.
- Select personal POI or personal route.
  The address of the personal POI appears or the personal route is displayed in the map.

If a large number of entries are stored, a register for quick selection appears. Personal POIs and routes can be saved and sorted with different character sets (e. g. Latin, Cyrillic, Arabic).

Selecting a register

- Slide ◎ the controller.
- To select a character: turn and press the controller.

Selecting character set for sorting

- To highlight , slide ◎ the controller.
- Press the controller.
  The available character sets are displayed. The • dot indicates the current setting.
- Turn and press the controller.

Editing

The example shows a personal route.

- Select personal POI or personal route (▷ page 75).

Exploring personal POI or route

- To select Map: turn and press the controller.
  The map with the crosshair appears and shows the destination.
- Scroll the map (▷ page 56).
- Set the map scale (▷ page 90).
- To return to the menu: press the ⮌ button.

Placing a call to the personal POI

- To select Call: turn and press the controller.
  If a mobile phone is connected to COMAND and the telephone number is available, the call is connected (▷ page 110).

Changing name and category

- To select Edit: turn and press the controller.
- Select Change Name or Edit Icon.
- To change name: enter character (▷ page 26).
- To change the category: select a category.
  The personal POI is saved in the selected category.

Deleting personal POI or route

- To select Delete: turn and press the controller.
  A prompt will appear.
- Select Yes or No.
  If you select Yes, the personal destination or personal route is deleted.

Selecting outward and return route

- To select Swap: turn and press the controller.
  The starting and destination positions of your personal route, and thus the direction for route guidance, are switched round. One-way streets or restricted intersections are taken into consideration. Therefore, the outward and return routes may differ from each other.

Saving personal POI

- To select Save: turn and press the controller.
- To continue saving (▷ page 88).

Starting route guidance

- To select Start: turn and press the controller.

Recording the route

General notes

When recording the route, bear in mind the following:

- if the SD memory card is inserted, it must not be removed during recording.
- if route recording is started manually, it must be finished manually before COMAND is switched off (e. g. when the engine is switched off).
- COMAND minimizes the number of route points recorded. Therefore when the recorded route is subsequently commenced, it may differ from the route that was originally recorded.

Starting/finishing route recording

- Insert the SD memory card (▷ page 175).
- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Destination: turn and press the controller.
- Select From Memory Card.
- Select Start Route Recording.
  The route is recorded and REC appears at the bottom edge of the screen.
- To stop recording, select End Route Recording from the menu.
  The route is stored under Personal Routes.

Displaying/editing the recorded route

- Insert the SD memory card (▷ page 175).
- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Destination: turn and press the controller.
- Select From Memory Card.
- Select Personal Routes.
  Previously recorded routes are displayed.
- To select Route: turn and press the controller.
  The map appears with a menu. The recorded route is shown on the map in blue.

Starting route calculation

▶ Select Start.

Changing the name and symbol

▶ Select Edit.
▶ Select Change Name or Edit Icon.
▶ To change name: enter character (▷ page 26).
▶ To change symbol: select a symbol. The symbol is saved.

Route guidance

General notes

Always observe the traffic regulations when driving. Road and traffic rules and regulations always have priority over system driving recommendations.

COMAND calculates the route to the destination without taking account of the following, for example:

- traffic lights
- stop and yield signs
- parking or stopping restrictions
- road narrowing
- temporary traffic rules and regulations

COMAND may give differing navigation commands if the actual street/traffic situation does not correspond with the digital map's data. For example, if the road layout or the direction of a one-way street has been changed.

For this reason, you must always observe road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the system's driving recommendations.

Route guidance begins once a route has been calculated (▷ page 61).

COMAND guides you to your destination by means of navigation announcements in the form of audible navigation announcements and route guidance displays.

Navigation messages guide you during the journey without distracting you from traffic conditions or driving. Please always use this feature instead of consulting the map display for directions. The symbols or the map display could distract you from traffic conditions and driving.

The route guidance displays can be seen if the display is switched to navigation mode.

If you do not follow the navigation announcements or if you leave the calculated route, COMAND automatically calculates a new route to the destination.

If the digital map contains the corresponding information, the following applies:

- during route guidance, COMAND tries to avoid roads with restricted access. Those roads, for example, that are closed to through-traffic.
- roads that have time restrictions (e.g. closed on Sundays and public holidays) are considered for route guidance on days when they are open. For this purpose, the relevant times must be correctly stored in the database.

Change of direction

Overview

Changes of direction have three phases:

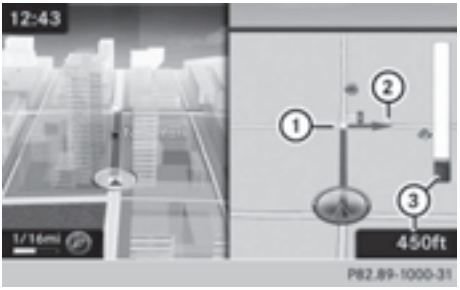
- preparation phase
- announcement phase
- change-of-direction phase

Changes in direction are also shown in the multifunction display of the instrument cluster (see the vehicle Operator's Manual).

Preparation phase

COMAND prepares you for the upcoming change of direction, e.g. with the announcement "Prepare to turn right". You see the full-screen map.

Announcement phase



① Point at which the change of direction takes place (white dot)
② Change of direction (turn right here)
③ Distance to the next change of direction

COMAND announces the imminent change of direction. The change of direction is announced ahead of time, with the announcement "Turn right in 300 meters", for example.

The display is now split into two sectors. The map is shown on the left side of the display, and a detailed image of the intersection or a 3D image of the imminent change of direction is shown on the right side of the display.

Change-of-direction phase

COMAND announces an imminent change of direction. The change of direction is announced ahead of time, e.g. with the announcement "Now turn right".

The display is split in two like in the announcement phase.

The change of direction is performed when the light-colored bar on the right drops down to 0 ft and the current vehicle position symbol has reached the white change-of-direction point.

When the change of direction is completed, the map will appear in full screen mode again.

Display on highways

The image shows an example of route guidance at a highway intersection when driving on a highway.

Lane recommendations

Display on multi-lane roads

① Lanes not recommended (dark gray)
② Possible lane (light gray)
③ Recommended lanes (white)

If the digital map contains the relevant data, COMAND can display lane recommendations on multilane roads for the next change of direction.

Lane not recommended ①: you will not be able to complete the next change of direction if you stay in this lane.

Possible lane ②: you will be able to complete the next change of direction in this lane.

Recommended lane ③: in this lane you will be able to complete the next change of direction and the one after that.

Lane recommendations are also shown in the multifunction display of the instrument cluster (see the vehicle Operator's Manual).

Approaching new lanes

① Approaching new lane

During the change of direction, new lanes may be added. These will be shown in the display of lane recommendations with a lower boundary line.

Highway information

Display mode

Requirement: the Highway Information map content must be enabled (▷ page 90).

While driving on the highway, gas stations, rest stops, rest areas and highway exits are displayed along with their immediate distances from the current vehicle position.

Calling up the selection mode

- ▶ While displaying the highway information, slide ◎→ the controller.
  The marker is on the highway information. The associated position is highlighted on the map.
- ▶ To select the desired rest stop/highway exit: turn and press the controller.
  The available POIs are displayed.

Starting route guidance to a POI

Highway information enables route guidance to a POI and other functions.

- ▶ To select a POI: turn the controller and press to confirm.
  The POI details are displayed.
  You can perform the following functions:
  - store in the address book (▷ page 88)
  - save to the SD memory card (▷ page 88)
  - viewed on the map (▷ page 93)
  - call if a mobile phone is connected and a phone number is available (▷ page 110)

- USA: view the vicinity of the destination if street images are available and mbrace is activated for Internet access (▷ page 137)
- Canada: view the vicinity of the destination if street images are available and a mobile phone is connected to COMAND via Bluetooth® (▷ page 104) or USB (▷ page 187)
- USA: download data from the Internet if an Internet address is available and mbrace is activated for Internet access (▷ page 104)
- Canada: download data from the Internet if an Internet address is available and a mobile phone is connected to COMAND via Bluetooth® (▷ page 104) or USB (▷ page 187)
- selected for route guidance and a route to it calculated (▷ page 61).

Using the traffic jam function

Highway information enables the use of the traffic jam function. The remaining route on the highway in this case is blocked in the direction of travel from the selected exit.

▶ To select Detour: turn and press the controller.
The traffic jam function appears (▷ page 83).

Destination reached

Once the destination is reached, you will see the checkered flag. Route guidance is finished.

Navigation announcements

Repeating navigation announcements

If you missed the current navigation announcement, you can call it up again.

▶ **To switch to navigation mode:** press the NAVI button.

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

▶ Select : turn and press the controller.

ⓘ If you previously assigned the Repeat Spoken Driving Recomm. function to the Favorites button, you can select the function using the Favorites button instead (▷ page 41).

Setting the volume manually

▶ During a navigation announcement, turn ON the control knob.

ⓘ When you start the engine, the volume will be at its lowest setting.

Switching navigation announcements on/off

▶ **To deactivate navigation messages:** during a navigation announcement, press the

button on the COMAND control panel.

or

- During a navigation announcement, press the button on the multifunction steering wheel.
  The Spoken driving recommendations have been deactivated. message appears.

- **To switch navigation announcements back on:** press the controller.

- Select : turn and press the controller.

COMAND automatically switches the navigation announcements back on when:

- a new route is calculated.
- you switch COMAND on again or start the engine.

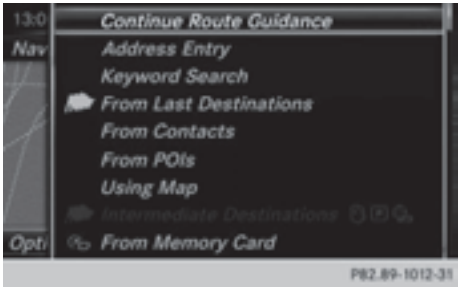
A navigation message is given if the route is recalculated during dynamic route guidance due to new traffic reports (▷ page 84).

Canceling/continuing route guidance

Canceling route guidance

- Slide the controller.
  The menu is shown.
- To select Destination: turn and press the controller.
- Select Cancel Active Route Guidance.
  The blue route line is no longer shown on the map.

Continuing route guidance



- Slide the controller.
  The menu is shown.
- To select Destination: turn and press the controller.
- Select Continue Route Guidance.
  COMAND calculates the route.

Route information

Destination information

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide the controller.
- To select Route: turn and press the controller.
- Select Destination Information.
  The destination and existing intermediate destinations are displayed with distances, travel time and arrival time.
- **To select destination or intermediate destination:** turn and press the controller.
  The address appears.

  You can use these functions for the destination or intermediate destination:

  - store in the address book (▷ page 88)
  - save to the SD memory card (▷ page 88)
  - view on the map (▷ page 93)
  - call if a mobile phone is connected and a phone number is available (▷ page 110)

- USA: view the vicinity of the destination if street images are available and mbrace is activated for Internet access (▷ page 137)
- Canada: view the vicinity of the destination if street images are available and a mobile phone is connected to COMAND via Bluetooth® (▷ page 104) or USB (▷ page 187)
- USA: download data from the Internet if an Internet address is available and mbrace is activated for Internet access (▷ page 104)
- Canada: download data from the Internet if an Internet address is available and a mobile phone is connected to COMAND via Bluetooth® (▷ page 104) or USB (▷ page 187)

Alternative route

If the Calculate Alternative Routes setting is activated ☑, different routes will be offered each time a route is calculated (▷ page 57).

You can also view these for the current route any time from COMAND.

Route 1 is calculated with the current settings for the route type and route options and shown with a dark blue line.

Routes 2 and 3 are alternatives to route 1 and also displayed with a dark blue line.

Route 4 is the most economic route and is displayed with a green line.

▶ **To switch to navigation mode:** press the NAVI button.

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

▶ To select Route: turn and press the controller.

▶ Select Alternative Route.
Route 1 is shown.

▶ To display additional routes: select Next or Prev..

▶ **To start a new route guidance:** select Start.

Route list

▶ **To switch to navigation mode:** press the NAVI button.

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

▶ To select Route: turn and press the controller.

▶ Select Route List.
The route list shows the next change of direction and the immediate distances from the current vehicle position.

▶ **To display additional route sections:** turn the controller.
The position of the change of direction that belongs to the respective route section is indicated on the map with a cross.

Where am I?

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Position: turn and press the controller.
- Select Where am I?.
  The street you are currently on and the previous and next intersections are displayed.

Traffic jam function

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Route: turn and press the controller.
- Select Detour.
- **To specify the start of the traffic jam section:** select Beginning.
  The next possible traffic jam section starting point is marked.
- Turn the controller.
  The marking moves along the route to the next starting position.
- Press the controller.
  The start of the traffic jam is set.
- **To specify the end of a traffic jam section:** select End.
  The next possible traffic jam section end point is marked.
- Turn the controller.
  The marking moves along the route to the next end position.
- Press the controller.
  The end of the traffic jam is determined.
- **To calculate the detour:** select Start.

Off-road

General notes

The COMAND navigation system may direct you to off-road routes that your vehicle may not be capable of traversing through without damaging your tires, wheels or vehicle. It is the driver's sole responsibility to determine the suitability of the route. The status and navigability of off-road routes may be influenced by various factors such as time of day, time of year and current weather conditions. The COMAND system is unable to assess these factors or take them into consideration.

Route guidance to an off-road destination

COMAND can guide you to destinations which are within the area of the digital map, but which are not themselves on the map.

These destinations are known as off-road destinations, which you can enter using the map, for example. In these cases, COMAND guides you for as long as possible with navigation announcements and displays on roads known to the system.

If the vehicle reaches an area which is not part of the digital map, the display appears as a

split-screen view. On the right, an arrow appears that points to the off-road destination. You hear the announcement: "Please follow the arrow on the display". As the vehicle approaches the destination, you will see a display to this effect.

Route guidance from an off-road location to a destination

Off-road location: the vehicle's position is on the digital map, but the map does not contain any information about that location. COMAND is able to guide you to a destination even from an off-road location.

At the start of route guidance, you will see the Road Not Mapped message, an arrow and the distance to the destination. The arrow shows the compass heading to the actual destination.

As soon as the vehicle is back on a road known to the system, route guidance continues in the usual way.

Off-road during route guidance

Due to road works, for example, there may be differences between the data on the digital map and the actual course of the road.

In such cases, the system will temporarily be unable to locate the vehicle position on the digital map. The vehicle is therefore in an off-road position.

In the display, you will then see the Road Not Mapped message, an arrow and the distance to the destination. The direction arrow shows the compass heading to the destination.

As soon as the system can assign the vehicle position to the map again, route guidance continues in the usual way.

Real-time traffic reports

Prerequisites

This function is currently not available for Canada.

In order to receive real-time traffic reports via satellite radio, you need to subscribe to SIRIUS XM Satellite Radio Traffic Message Service.

Further information on satellite radio (▷ page 162).

COMAND can receive traffic reports via satellite radio and take account of these for route guidance in the navigation system. Received traffic reports are displayed on the map either as text or as symbols.

Real-time traffic reports on the map

COMAND can show certain traffic messages on the map with symbols (type of incident) and color lines (extent). Traffic reports are shown on the map at scales of 1/32 mi to 10 mi.

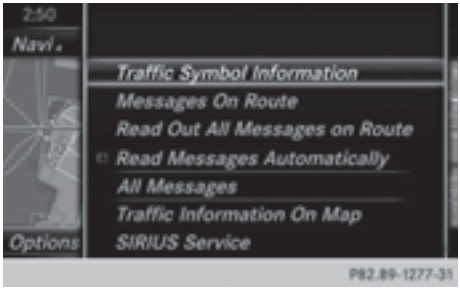
When ① is displayed, traffic reports can be received or traffic reports are available. If it is not displayed, no reception is possible.

- ▶ To hide the menu: slide ↑◎ and press the controller.
  The map can be seen in the full-screen display.
- ▶ To set the map scale: turn the controller until the desired map scale is selected.
  The legend shows the symbolic traffic messages on the map.

① Traffic jam on the route
② Slow-moving traffic on the route
③ Road blocked
④ Traffic disruption
⑤ Traffic warning
⑥ Dashed red and white line delimiting the traffic warning
⑦ Road block (red crosses along the affected road)
⑧ Slow-moving traffic (orange line along the affected route)
⑨ Traffic jam (red line along the affected route)

Displaying real-time traffic reports

Starting a search for traffic reports

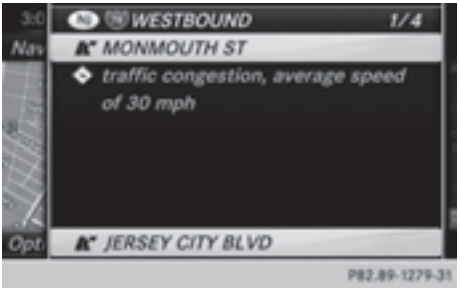


▶ To switch to navigation mode: press the NAVI button.
▶ To show the menu: slide ◎⬇ the controller.
▶ To select Traffic: turn and press the controller.
▶ To close the report: press the controller.

Traffic symbol information

① Affected roads with indication of direction
② Symbol for report type, e.g. traffic flow message

▶ To switch to navigation mode: press the NAVI button.
▶ To show the menu: slide ◎⬇ the controller.
▶ To select Traffic: turn and press the controller.
▶ To select Traffic Symbol Information: turn and press the controller.
The map appears and shows the available traffic information as icons. The first traffic information is highlighted.
▶ To highlight other traffic symbols, select Next or Previous.
▶ **To move the map:** select Map.
You can move the map to enable further traffic information to be displayed.



You can have the traffic report relevant to a traffic icon shown.

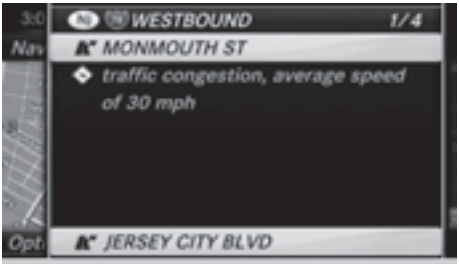
▶ To select Details: turn and press the controller.

The report shows the following information:

- State/province, road and display of the affected direction
- Section of the road to which the traffic report applies
- Traffic icon and traffic report

▶ To close the detailed display: press the ⮌ button.

Displaying reports on the route



The function is only available while route guidance is active. It shows the available traffic reports affecting the current route.

If there are no reports for the route or the function is not supported in the selected language: the Messages On Route menu item is gray and cannot be selected.

▶ To switch to navigation mode: press the NAVI button.

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

▶ To select Traffic: turn and press the controller.

▶ To select Messages On Route: turn and press the controller.
The traffic report window appears. Several traffic reports may be available for the calculated route, marked for example by 1/4.
The report shows the following information:

- State/province, road and display of the affected direction
- Section of the road to which the traffic report applies
- Traffic icon and traffic report

▶ To display the next/previous traffic report: turn the controller.

▶ To close the display: press the ⮌ button.

Displaying all traffic reports

▶ To switch to navigation mode: press the NAVI button.

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

▶ To select Traffic: turn and press the controller.

▶ To select All Messages: turn and press the controller.
A list is shown containing all roads, areas or regions affected by traffic reports. Roads, areas or regions not on the route also appear in the list.

▶ To select the road, area or region: turn the controller and press to confirm.
The traffic report is displayed (▷ page 86). There may be several traffic reports for the affected road.

▶ To close the display: press the ⮌ button.

Activating/deactivating traffic information on the map

You can switch traffic information on the map on/off:

- Incidents
- Speed & Flow
- Free Flow

▶ To switch to navigation mode: press the NAVI button.

▶ To show the menu: slide ◎ the controller.

▶ To select Traffic: turn and press the controller.

▶ To select Traffic Information On Map: turn and press the controller.

▶ Select Incidents, Speed & Flow or Free Flow.
The display is on ☑ or off ☐.

Reading out traffic reports on the route

Introduction

The read-aloud function is only available while route guidance is active. It reads out traffic reports affecting the current route.

You can select from the following text reader properties:

- Language (▷ page 40)
- Text reader speed (▷ page 36)

You can start the text reader function manually or set it to automatic.

Starting the text reader function manually

▶ To switch to navigation mode: press the NAVI button.

▶ To show the menu: slide ◎ the controller.

▶ To select Traffic: turn and press the controller.

▶ Select Read Out All Messages on Route.
COMAND reads out the reports in sequence.

If there are no reports for the route, the Read Out All Messages on Route menu item is gray and cannot be selected.

▶ To cancel the read-aloud function: select Cancel Read-Aloud Function.
COMAND reads out the current report and then exits the read-aloud function.

Automatic read-aloud function

▶ To switch to navigation mode: press the NAVI button.

▶ To show the menu: slide ◎ the controller.

▶ To select Traffic: turn and press the controller.

▶ Select Read Messages Automatically.
Depending on the previous state, switch the option on ☑ or off ☐.

Recalculating the route dynamically

Route types Dynamic Traffic Route and Dynamic TRF. Route After Request take into account all of the traffic reports they receive for the current route when calculating the route (▷ page 56).

If you have selected Dynamic Traffic Route as the route type, COMAND guides you to your destination along the updated route.

If you have selected the route type Dynamic TRF. Route After Request, a prompt will first appear.

You can now decide whether to:

- accept the route suggested by COMAND
- continue your original route

- ▶ To accept the proposed detour: press the controller.
- ▶ To reject the proposed detour and continue with the original route: turn the controller and press to confirm.
  The original route is continued.

Storing destinations

General notes

In the "Last destinations" memory, the following are stored:

- destinations and intermediate destinations according to the route calculation
- the current vehicle position or the crosshair position, if these are saved
- personal routes

If the memory is full, COMAND overwrites the oldest destination.

You can save destinations permanently in the address book (▷ page 88) and on an SD memory card (▷ page 89). For instance, this is possible immediately after entering an address.

For further information on the address book, see (▷ page 116)

Storing the destination in the address book

Storing as a new contact

The example shows a POI.

- ▶ To select Save: turn and press the controller.
  A menu appears.
- ▶ Select As New Address Book Entry.
  If the address book already contains contacts, the entry Add to Address Book Entry is also available.
- ▶ Select Not Classified, Home or Work.
  An input menu shows the destination address.
- ▶ Enter a surname and first name. Character entry (▷ page 25).
- ▶ To select OK: turn and press the controller.
  The Saving Successful message appears. The destination address is saved in the address book as a navigable contact.

Adding to a contact

The example shows a POI.

- ▶ To select Save: turn and press the controller.
  A menu appears.
- ▶ Select Add to Address Book Entry.
  The address book appears.
- ▶ Search for a contact (▷ page 117).
- ▶ Press the controller.
  The Saving Successful message appears. The destination address is allocated to a contact in the address book.

  Telephone numbers are not transferred to the telephone number fields of the address book. After selecting the destination address from the address book for naviga-

tion, the associated telephone number will be displayed.

If the contact already has two destination addresses, a prompt will appear asking if a destination address should be overwritten.

- Select Yes or No.
  If you select Yes, a list showing both destination addresses appears.
- To select the destination address: turn and press the controller.
  The destination address is overwritten.

Saving destination to the SD memory card

- Insert the SD memory card (▷ page 175).
- Display a point of interest, for example.
- To select Save: turn and press the controller.
  A menu appears.
- Select To Memory Card.
- Not Classified or, if available, select a category that you have created yourself.
  An input menu appears.
- Enter a surname and first name. Character entry (▷ page 26).
- Select OK.
  The Saving Successful message appears. The destination is saved to the SD memory card.

Saving the current vehicle position

Using the Map

- **To switch to navigation mode:** press the NAVI button.
- When the map is shown, press and hold the COMAND controller until you hear a tone.
  The current vehicle position is saved to the "Last destinations" memory.

  If an SD memory card is inserted, the current vehicle position will also be saved in the Not Classified category.

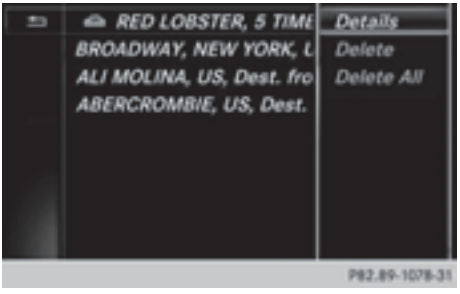
Using the menu

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Position: turn and press the controller.
- Select Save.
- Store the destination in the address book (▷ page 88).
- Saving the destination to the SD card (▷ page 89).

Saving the crosshair position

- **To switch to navigation mode:** press the NAVI button.
- **To display the crosshair:** press the controller.
- Move the map to the desired position (▷ page 56).
- **To show the menu:** press the controller.
- To select Position: turn and press the controller.
- Select Save.
- Store the destination in the address book (▷ page 88).
- Save the destination to the SD card (▷ page 89).

Editing the last destinations



- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎↓ the controller.
- ▶ To select Destination: turn and press the controller.
- ▶ Select From Last Destinations.
  The "Last destinations" memory appears.
- ▶ **To save the destination:** select the destination.
- ▶ Store the destination in the address book (▷ page 88).
- ▶ Save the destination to the SD card (▷ page 89).
- ▶ **To view the details:** while in the "Last destinations" memory, turn the controller and highlight the entry.
- ▶ Slide ◎→ the controller.
  A menu appears.
- ▶ To select Details: press the controller.

ⓘ The destination address can be changed if desired.

- ▶ **To delete one or all destinations:** while in the "Last destinations" memory, turn the controller and highlight the entry.
- ▶ Slide ◎→ the controller.
  A menu appears.
- ▶ To select Delete or Delete All: turn and press the controller.
  A prompt appears.
- ▶ Select Yes or No.
  Selecting Yes deletes the selected destination or all destinations.

Map functions

General notes

Company logos displayed on the map are trademarks of the respective companies and used solely for the purpose of indicating the locations of these companies. The use of such logos on the map does not indicate approval of, support of or advertising by these companies for the navigation system itself.

Map settings

Setting the map scale

Requirement: the map is in full screen mode, the menu is faded out (▷ page 55).

The lower left-hand section of the map shows the currently set map scale and compass needle.

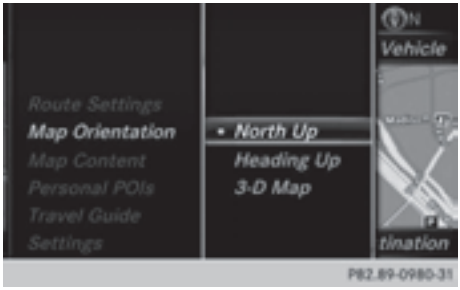
Right-hand-drive vehicles: the currently set map scale and compass needle are displayed in the lower right-hand section of the map.

- ▶ **To show the map in full screen mode:** to hide the menu, push the ⮌ button.

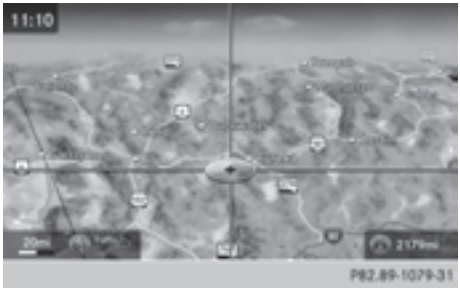
or

- ▶ Slide the controller to the center of the map and press to confirm.
- ▶ **To set the map scale:** as soon as you turn the controller, the scale bar appears on the bottom of the display.
- ▶ Turn the controller until the needle points to the desired map scale.
  Once you are finished selecting a map scale, the new map scale will be shown.

Selecting map orientation



- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎ the controller.
- To select Options: turn and press the controller.
- Select Map Orientation.
  The • dot indicates the current setting.
- Turn and press the controller.
  The map orientation is set.



The image is an example of the 3D map display with crosshair.

Map orientation	Explanation
North Up	The map view is displayed so that north is always up.
Heading Up	The map view is aligned to the direction of travel. The direction of travel is always at the top; the red tip of the symbol points north.
3-D Map	The map view is aligned to the direction of travel. The map displays a 3D oblique view with elevation; the red tip of the symbol points north.

Selecting POI symbols on the map

POIs can be displayed as symbols in the map display. POIs include, for example, gas stations, hotels and restaurants.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎ the controller.
- To select Options: turn and press the controller.
- Select Map Content.
- Select POI Symbols On Map.
  The • dot indicates the current setting.
- Turn and press the controller.
  Default Symbols shows symbols of predefined categories in the map.

Custom Symbols allows symbols to be selected from other/all available categories.

- Turn and press the controller.
  You have the option of selecting symbols to be displayed ☑ or not displayed ☐ on the map.

The list shows all symbols that are contained on the digital map across all countries. However, not all points of interest are available in all countries. As a result, certain point of interest symbols may not be displayed on the map, even if the symbol display is switched on.

Selecting text information on the map

At the bottom of the display, you can specify whether to display geo-coordinates or not to display text information for the street you are currently on.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Options: turn and press the controller.
- Select Map Content.
- Select Text Information On Map.
  The • dot indicates the current setting.
- Turn and press the controller.
  Current Street shows the current street at the bottom of the display.
  Geo-coordinates shows the longitude and latitude, elevation and number of satellites received.
  The elevation shown may deviate from the actual elevation.
- Turn and press the controller.

Switching the range on/off on the map

The range can be displayed on the map for electric vehicles. A circle appears around the current vehicle position.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Options: turn and press the controller.
- Select Map Content.
- Select Range on Map.
  Switch the display in the map on ☑ or off ☐.

Switching highway information on/off

While driving on the highway, gas stations, rest stops, rest areas and highway exits are displayed along with their immediate distances from the current vehicle position (▷ page 79).

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Options: turn and press the controller.
- Select Map Content.
- Select Highway Information.
  Switch the display in the map on ☑ or off ☐. Further information (▷ page 79).

Displaying the next crossroads

If route guidance is not active, the next crossroads can be displayed at the upper edge of the display.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎⬇ the controller.
- To select Options: turn and press the controller.
- Select Map Content.
- Select Next Intersecting Street.
  Switch the display in the map on ☑ or off ☐.

Showing the map version

The number of the map data version is shown. Information about new versions of the digital map can be obtained from an authorized Mercedes-Benz Center.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎ the controller.
- To select Options: turn and press the controller.
- Select Map Content.
- Select Map Version.
  Information on the current map version is shown.

Rotating the 3D map

You can use this function to explore the vicinity of the destination in a 3D view. The function is available in all map scales.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎ the controller.
- To select Position: turn and press the controller.
- Select 3D Map Rotation.
- Turn the controller to change to the 3D map perspective.

Additional functions:

- Moving the map (▷ page 56)

Map display

Displaying the navigation map

COMAND displays the navigation map in the globe. This allows for a realistic map display free from distortion in all map scales.

Satellite maps are shown in map scales from 20 km – 1000 km.

Other functions:

- Moving the map (▷ page 56)
- Changing the map scale (▷ page 90)

Building images

In small map scales (20 m, 50 m), important buildings are depicted realistically on the map. Other buildings are shown as models.

Avoiding an area

General notes

COMAND enables you to avoid areas you do not wish to drive through.

If you activate or deactivate a route block while route guidance is active, COMAND will

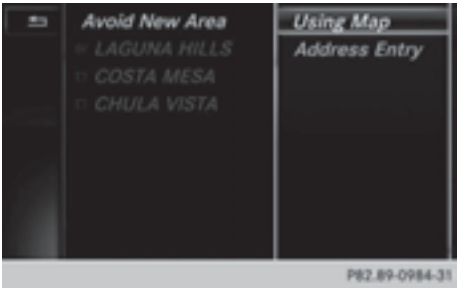
calculate a new route. If you activate or deactivate a route block while route guidance is inactive, COMAND will use the new setting for the next route guidance.

The calculated route may include an area to be avoided if:

- your destination is located in such an area.
- there is no alternative route available

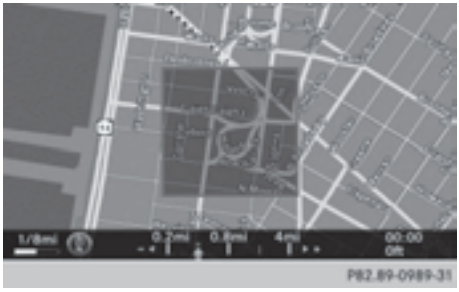
Highways within blocked areas are always taken into consideration in the route calculation.

Avoiding a new area



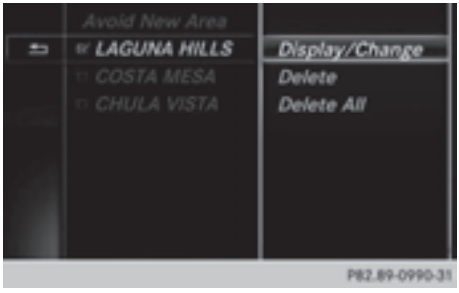
- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎⬇ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ Select Route Settings.
- ▶ Select Avoid Options.
- ▶ Select Avoid Area.
- ▶ Select Avoid New Area.
  A menu appears.
- ▶ Select Using Map or Address Entry.
  If you select Using Map, the map with crosshair appears.

  If you select Address Entry, the address entry menu appears where you can enter the address (▷ page 59). The map appears with the crosshair after the address is entered.



- ▶ **To select an area:** when the map with crosshair appears, press the controller.
  A red square appears on the map, symbolizing the area to be blocked.
- ▶ To change the size of the area, turn the controller.
  The map scale is shown at the bottom of the display. The needle points to the map scale currently selected.
- ▶ When the desired size is set, press the controller.
  The area is entered into the list.

Turning Area on/off and displaying/changing the area



- ▶ **To switch to navigation mode:** press the NAVI button.
- ▶ **To show the menu:** slide ◎⬇ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ Select Route Settings.
- ▶ Select Avoid Options.
- ▶ Select Avoid Area.
  A list appears.

- **To switch an area to avoid on/off:** select an area by turning and pressing the controller.
  The area will be avoided ☑ or not ☐.
- **To display/change the area:** select an area by turning and pushing the controller.
- Slide ◎→ the controller.
- To select Display/Change: press the controller.
  The map with the crosshair appears.
  The area currently blocked is displayed as a red square.
- To move the area to a new location: slide ←◎→, ↑◎↓, ⤡◎⤢ the controller.
- To change the size of the area: press the controller.
- Turn the controller.
- To accept changes: press the controller.
  A message appears stating that the area has been set.

Deleting one/all areas:

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎↓ the controller.
- To select Options: turn and press the controller.
- Select Route Settings.
- Select Avoid Options.
- Select Avoid Area.
  A list appears.
- **To delete an area:** mark an area by turning the controller.
- Slide ◎→ the controller.
- Select Delete or Delete All.
  A prompt appears asking whether you wish to delete the area.
- Select Yes or No.
  After selecting Yes, the area is deleted.
- **To delete all areas:** when the list appears, slide ◎→ the controller.
- Select Delete All.
  A prompt appears asking whether you wish to delete all areas.
- Select Yes or No.
  After selecting Yes, all areas are deleted.

SIRIUS XM service

Displaying SIRIUS XM service information

You can display the SIRIUS XM service information.

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ◎↓ the controller.
- To select Traffic: turn and press the controller.
- Select SIRIUS Service.
  The provider's phone number (SIRIUS XM) and the serial number of your service module are displayed.

Registering the SIRIUS XM service

- Call the provider telephone number shown on the COMAND display.

ⓘ You can also have the satellite service activated online. To do so, visit the SIRIUS XM Radio website at **http://www.sirius.com** (USA).

Once the connection has been established:

- Follow the service employee's instructions. The activation process may take up to ten minutes.

If registration is not included when purchasing the system, your credit card details will be required to activate your account.

Updating the digital map

Introduction

The digital maps generated by the map software become outdated in the same way as conventional road maps. Optimal route guidance can only be provided by the navigation system in conjunction with the most up-to-date map software.

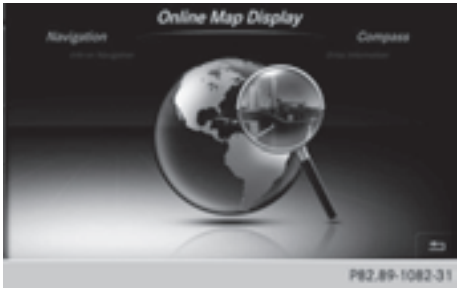
Information about new versions of the digital map can be obtained from an authorized Mercedes-Benz Center. You can have the digital map updated there using a data medium, or you can update it yourself.

Navigation functions

Calling up the navigation system menu

- **To switch to navigation mode:** press the NAVI button.
- **To show the menu:** slide ↑◎ the controller.
  Navi is highlighted in the main function bar.
- Press the controller.
  The navigation menu appears.
- Turn the controller to display the navigation functions one after another.
- To switch to the map, turn the controller until Navigation appears and press the controller.

Calling up the online map display



Requirement: a mobile phone with a data package must be connected to COMAND (▷ page 104).

- Call up the navigation menu (▷ page 96).
- Turn the controller until Online Map Display is brought to the front.
- Press the controller.
  The online connection is established. Once the connection is established, the Google Maps™ map shows the vicinity of the current vehicle position.
- To exit the online map display: press the ⮌ button.

Calling up the compass display

- Call up the navigation menu (▷ page 96).
- Turn the controller until Compass is brought to the front.
- Press the controller.
  The compass display provides the following information:

- The current direction of travel with bearing (360 degree format) and compass direction
- Longitude and latitude coordinates in degrees, minutes and seconds
- Height (rounded off) above sea level
- Number of GPS satellites from which a signal can be received

▶ To select Show on Map: turn and press the controller.

▶ To exit the compass display: press the ⮌ button.

Info on navigation

▶ Call up the navigation menu (▷ page 96).

▶ Turn the controller until Info on Navigation is brought to the front.

▶ Press the controller.
The Digital Operator's Manual is opened at the section on navigation.

Problems with the navigation system

Problem	Possible causes/consequences and ▶ Solutions
COMAND does not resume route guidance after the journey has been interrupted.	Route guidance is canceled if you interrupt the journey for more than two hours. "Interrupting the journey" refers to stopping the vehicle. "Continuing route guidance" refers to switching COMAND back on and driving on. ▶ Continue route guidance manually (▷ page 81).

Problem	Possible causes/consequences and ▶ Solutions
COMAND is unable to determine the vehicle's position.	COMAND has to redetermine the position of the vehicle if the vehicle has been transported. Example: • After transporting the vehicle by ferry • After transporting the vehicle by motorail ▶ Start the vehicle and pull away. COMAND determines the vehicle's position. Depending on the driving situation, this may take some time. Route guidance may be restricted during the determination of the vehicle's position. When positioning is complete, route guidance is resumed with navigation announcements and route guidance displays.

Problem	Possible causes/consequences and ▶ Solutions
The digital map is not compatible with the vehicle software.	The data medium containing the digital map cannot be used for the update. ▶ To confirm the message: press the controller. ▶ Remove the data medium. ▶ Have the data medium checked at an authorized Mercedes-Benz Center.

Problem	Possible causes/consequences and ▶ Solutions
COMAND asks for an activation code during the map update.	The digital map is secured with an activation code. ▶ Consult an authorized Mercedes-Benz Center.

Problem	Possible causes/consequences and ▶ Solutions
The map software update has failed.	The digital map can be loaded with a DVD, SD memory card or USB stick. ▶ Check the readability of the data medium, e.g. in a PC. ▶ To restart the update: insert the DVD. or ▶ Insert an SD memory card or USB stick.
	COMAND asks for an activation code during the map update. The code must be validated in the vehicle. ▶ Switch on the ignition. ▶ To restart the update: insert the DVD. or ▶ Insert an SD memory card or USB stick.
	COMAND's integrated hard disk is defective. ▶ Consult an authorized Mercedes-Benz Center.

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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

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

The Bluetooth® interface on COMAND is available for telephony.

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

You can use the text message and e-mail functions if your mobile phone supports the MAP Bluetooth® profile (**M**essage **A**ccess **P**rofile). Observe the other requirements for the e-mail and text message functions (▷ page 127).

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**.

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.

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:
  turning
  sliding ←◎→ or ↑◎↓
  pressing
- using the [ ] or [ ] button on the multifunction steering wheel
- using the Voice Control System (see the separate Voice Control System operating instructions)

Unless stated otherwise, the descriptions and illustrations in this section refer to COMAND.

Function restrictions

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

- your mobile phone is switched off
- Bluetooth® is switched off on the mobile phone
- the mobile phone has not logged on to a mobile phone network
- the Bluetooth® function is switched off in COMAND

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 COMAND via Bluetooth®

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

To make an emergency call:

▶ Enter the telephone number (▷ page 109).

▶ Press [ ].
The telephone makes the connection.

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

Telephone menu overview

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

Symbols ① to ③ and ⑤ are not shown until after a mobile phone has been connected to COMAND. The symbols depend on your mobile phone and your mobile phone network provider. Further information on connecting a mobile phone (▷ page 104).

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

If no bars are shown, reception is either very poor or there is none 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 and e-mail (▷ page 127).

If you have an unread text message or e-mail, the mail symbol is displayed in the status bar. The symbol disappears once you have read the text message or e-mail. The symbol is displayed as soon as the message memory on the connected mobile phone is full. The symbol disappears once you delete at least one 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 COMAND

▶ Activate Bluetooth® (▷ page 40).

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 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
- Text messages and e-mails

Further information on allowing or suppressing the automatic download of the phone book (▷ page 121).

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 COMAND 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

Authorizing a mobile phone (connecting)

Before using your mobile phone with COMAND for the first time, you will need to search for the phone (▷ page 105) and then authorize it (▷ page 106). Depending on the mobile phone, authorization either takes place by means of Secure Simple Pairing or by entering a passkey. COMAND automatically enables the procedure suited to your mobile phone. You can recognize Secure Simple Pairing by a code which is displayed in COMAND 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 COMAND. The mobile phone is connected automatically after authorization. Further information about automatically reconnecting authorized mobile phones (▷ page 107).

If COMAND does not detect your mobile phone, this may be due to particular security settings on your mobile phone. You can also start the search procedure and authorization on the mobile phone (▷ page 107).

Device-specific information on authorizing and connecting Bluetooth®-capable mobile phones can be obtained from your authorized Mercedes-Benz Center or via the Internet at **http://www.mercedes-benz.com/connect**.

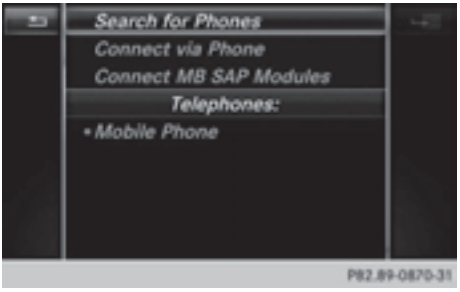
You can authorize up to 15 mobile phones. Only one mobile phone can be connected to COMAND at any one time for telephony.

De-authorizing (disconnecting) a mobile phone

The connection is terminated automatically if you leave the receiver range of COMAND 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 108).

Searching for a mobile phone



- ▶ 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 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 106).

If the maximum number of authorized devices in the device list is reached, you will be requested to de-authorize a mobile phone (▷ page 108).

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 COMAND 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 COMAND and on the mobile phone.

The code is the same

▶ **COMAND:** select Yes.

▶ **Mobile phone:** confirm the code. Depending on the mobile phone used, you may have to confirm the connection to COMAND and for the PBAP and MAP Bluetooth® profiles individually. 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 COMAND. 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 108).

The code is different

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

Authorization via passkey entry (access code)

If COMAND 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.
The input menu for the passkey is displayed.
The passkey is a one- to sixteen-digit number combination which you can choose yourself. Depending on the mobile phone used, you may have to enter a number sequence of four digits or more.

▶ **COMAND:** 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 COMAND and for the PBAP and MAP Bluetooth® profiles individually. 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 COMAND. 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 108).

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

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

ⓘ Mercedes-Benz recommends de-authorization in COMAND and on the mobile phone (▷ page 108). Subsequent authorization may otherwise fail.

Establishing the connection from the mobile phone

The Bluetooth® device name of COMAND is "MB Bluetooth".

- ▶ **COMAND:** call up the telephone menu.
- ▶ To switch to the menu bar: slide ◎⬇ the controller.
- ▶ To select Connect Device: turn the controller and press to confirm.
  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).
  COMAND is displayed with the name "MB Bluetooth" in the mobile phone's device list.
- ▶ Select "MB Bluetooth".
  A prompt appears in the COMAND display asking if the mobile phone should be authorized.
- ▶ **COMAND:** 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

- ▶ **COMAND:** select Yes.
- ▶ **Mobile phone:** confirm the code. Depending on the mobile phone used, you may have to confirm the connection to COMAND and for the PBAP and MAP Bluetooth® profiles individually. 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 COMAND. 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 108).

The code is different

- ▶ **COMAND:** 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 COMAND and the mobile phone and confirm. Depending on the mobile phone used, you may have to confirm the connection to COMAND and for the PBAP and MAP Bluetooth® profiles.

Reconnecting automatically

COMAND always searches for the last connected mobile phone.

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 switch to the menu bar: slide ◎⬇ the controller.
- ▶ To select Connect Device: turn the controller and press to confirm.
  The device list is displayed.
- ▶ To select the desired mobile phone: turn and press the controller.
  The selected mobile phone is connected if it is within Bluetooth® range and if Bluetooth® is activated.

Only one mobile phone can be connected at any one time for telephony. 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 COMAND and on the mobile phone. Subsequent authorization may otherwise fail.

- ▶ 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 is displayed.
- ▶ 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.

or

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

Displaying connection details

- ▶ 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 is displayed.
- ▶ To highlight the desired mobile phone: 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
  - authorization status

Closing the detailed display

- ▶ Slide ◎→ the controller.

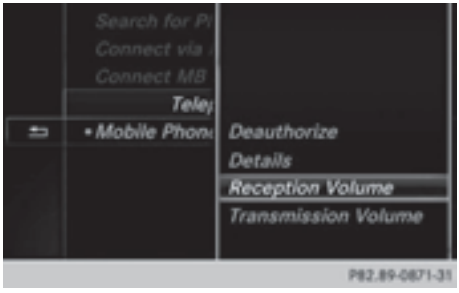
Setting the reception and transmission volume

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**.

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.



- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎⬇ the controller.
- ▶ To select Connect Device: turn and press the controller.
  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 110).

Adjusting the call volume (▷ page 108).

Further information about ending a call (▷ page 113).

ⓘ You can also accept the call by voice command using the Voice Control System (see the separate operating instructions).

ⓘ 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 and picture are 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 113).

Using the number keypad on the upper section of the center console

- ▶ To call up the telephone menu: press the TEL button.
- ▶ Enter the digits using the number keypad.
- ▶ To select in the telephone menu: turn and press the controller.
  The call is made.

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 113).

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 113).

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 and call a contact (▷ page 114).

Further information about ending a call (▷ page 113).

Using speed dial

Option 1

- ▶ 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.

Option 2

- ▶ 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 Speed Dial Preset List: turn and press the controller.
  The speed dial list is displayed.
- ▶ To select an entry and make a call: turn and press the controller.
  The telephone menu displays the selected entry. The number is dialed.

Further information on setting up speed dial (▷ page 126).

Further information about ending a call (▷ page 113).

Functions available during a call

Overview

① Adds a call (▷ page 111)
② Person you are calling
③ Symbol for active telephone connection
④ Ends a call
⑤ Switches the microphone on/off (▷ page 111)
⑥ Sends DTMF tones (not possible with all mobile phones) (▷ page 111)

Other functions:

- Accepts a waiting call (▷ page 112)
- Making a second call (▷ page 111)
- Call waiting (▷ page 111)

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

Adding a call

① Adds 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.

- ▶ To select ₂: turn and press the controller.
- ▶ Make a call:
  - Using the telephone menu (▷ page 109)
  - Redial (▷ page 109)
  - Using call lists (▷ page 124)
  - Using the phone book (▷ page 109)
  - Using speed dial (▷ page 109)

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 displayed.

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.

or

- ▶ Press the corresponding key on the number keypad.
  Every character selected will be transmitted immediately.

ⓘ You can also send DTMF tones using the Voice Control System (see the separate vehicle Operator's Manual).

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

▶ Press [ ] on the multifunction steering wheel.

or

▶ To select $_1$ or $_2$: turn and press the controller.
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 Continue.
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 111).

or

▶ Answer an incoming call (▷ page 112).

▶ 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. Depending on the mobile phone used, the call which was previously active is put on hold or ended (see the manufacturer's operating instructions). If the call is on hold, you can switch back and forth between the two calls (call waiting) (▷ page 111).
This is also the case if you accept the waiting call using the Voice Control System (see the separate operating instructions).

ⓘ 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 ended and the incoming call is accepted.
Option 2: 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 the contacts from the address book which have a phone number.

The mobile phone's telephone book is automatically displayed in COMAND after connection (default setting). You can deactivate automatic calling up (▷ page 121).

In the telephone book, you can:

- Create new contacts (▷ page 115)
- Add information to contacts (▷ page 115)
- Search for contacts (▷ page 114)
- Store contacts (▷ page 116)
- Delete contacts (▷ page 116)

Further information on importing contacts (▷ page 122).

When you import, save, edit or add contacts, they will be permanently saved in COMAND.

These contacts will remain there even when you connect COMAND 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 114).
Further information on the symbols shown (▷ page 114).

ⓘ You can also call up the phone book using the multifunction steering wheel; see the separate vehicle Operator's Manual.

Symbol overview

Symbol	Explanation
	Contact that has been entered, edited or saved on COMAND.
	Contact with voice tag These contacts have also been assigned a voice tag. Voice tags are available in vehicles with the Voice Control System (see the separate operating instructions).
	Contact that was called up from a mobile phone
	Contact imported from the SD memory card or 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 end the search: select ok .
  The contacts in the phone book are displayed.
- To highlight a contact: turn the controller.
- To call the contact: press the controller.

The ◢ symbol indicates that a contact contains more than one phone number.

- To select a contact with the ◢ symbol: turn the controller and press to confirm.
  The phone numbers are displayed. The ◢ symbol changes to ▼.
- To call a telephone number: turn and press the controller.

Back to the character bar

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

Further information about character entry (▷ page 25).

Using the number keypad on the upper section of the center console

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

- For example, to enter the letter C: press the 2 ABC number key briefly three times in succession.
  The character appears the first time the key is pressed and shows all the available characters. It switches to the next character each time the key is pressed.

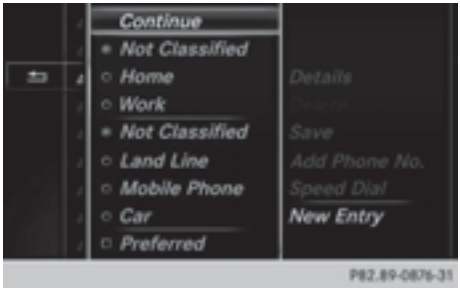
Displaying the details of a contact

- Call up the phone book (▷ page 113).
- Search for and highlight a contact (▷ page 114).
- To select : slide ◎→ the controller.
- To select Details: turn and press the controller.
  The detailed view appears.

Closing the detailed display

- To select : slide ←◎ the controller.

Adding a new contact



- Call up the phone book (▷ page 113).
- In the phone book, slide ↑◎ the controller repeatedly until the character bar disappears.
- To select : slide ◎→ the controller.
- To select New Entry: turn and press the controller.
- To select a category for the number, e.g. Home: turn the controller and press to confirm.
- To select a telephone category, e.g. Mobile Phone: turn the controller and press to confirm.
  If you have marked a number as preferred, it is shown at the top of the list.
- To select Continue: turn and press the controller.
  The input menu with data fields is displayed.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To finish and save an entry: select ok.
  The contact is created in the phone book and in the address book.

Adding information to a contact

A maximum of five telephone numbers can be saved for one contact.

- Call up the phone book (▷ page 113).
- Search for and highlight a contact in the phone book (▷ page 114).
- To select : slide ◎→ the controller.
- To select Add Phone No.: turn and press the controller.
- To select a category for the number, e.g. Home: turn the controller and press to confirm.
- To select a telephone category, e.g. Mobile Phone: turn the controller and press to confirm.
  If you have marked a number as preferred, it is shown at the top of the list.
- To select Continue: turn and press the controller.
  The telephone number has been saved.

If five numbers are already stored for the contact you are searching for, a prompt will appear asking whether you wish to overwrite one of the existing numbers.

If you wish to overwrite one of the phone numbers:

- ▶ To select Yes: turn and press the controller. A list of the existing five phone numbers is displayed.
- ▶ To select the phone number to be overwritten from the list: turn the controller and press to confirm. The entry field for the new phone number is displayed.
- ▶ Enter characters using the controller (▷ page 25) or the number keypad.

If you do not wish to overwrite any of the phone numbers:

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

Saving a contact

Saved contacts are indicated in the phone book by different symbols (▷ page 114).

- ▶ Call up the phone book (▷ page 113).
- ▶ Search for and highlight a contact from the mobile phone (▷ page 114).
- ▶ 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.

ⓘ Saved contacts are also displayed in the address book.

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

Deleting the contact

You can delete contacts that have been added, supplemented, saved or imported in COMAND.

If there are one or several phone numbers saved under the contact, the contact is deleted from the phone book and the address book.

If there are additional entries under the contact, such as a navigable destination, only the phone numbers are deleted. The contact is retained in the address book with the remaining entries.

- ▶ Call up the phone book (▷ page 113).
- ▶ Search for and highlight a contact in the phone book (▷ page 114).
- ▶ To select : slide ◎→ the controller.
- ▶ To select Delete: 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.

Closing the phone book

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

or

- ▶ Press the button.

Address book

Introduction

Always pay attention to traffic conditions.

Familiarize yourself with the address book functions before beginning your journey.

You can use COMAND when the road and traffic conditions permit. You could otherwise become involved in an accident in which you or others could be injured.

The address book displays all the contacts from the various sources (mobile phone,

memory card, USB device, COMAND phone book, navigation).

You can use the contacts to make telephone calls, navigate and to write messages.

If a mobile phone is connected to COMAND and automatic calling up is activated (▷ page 121), the mobile phone's contacts are displayed in the address book. If you disconnect the mobile phone from COMAND, these contacts are no longer displayed in the address book.

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

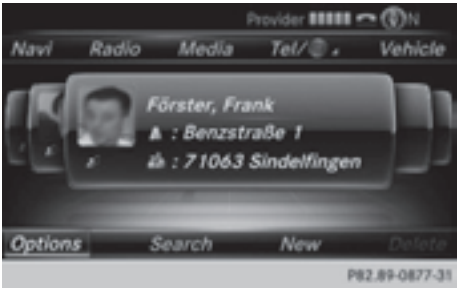
ⓘ The address book can store a total of 5000 contacts.

- 2000 entries are reserved for permanently saved contacts.
- 3000 entries are reserved for contacts that you can load from the mobile phone.

ⓘ Before selling your vehicle, delete the contacts saved in COMAND using the reset function (▷ page 43).

Calling up the address book

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ↑◎ the controller.
- ▶ To select Tel: turn the controller and press to confirm.
- ▶ To select Address Book: turn and press the controller.



An address book entry can also include a picture. This is shown to the left of the address data. Address book entries with pictures can only be created by importing vCards (vcf files). Further information on importing vCards (▷ page 122). The quality of the picture depends on the picture's resolution.

- ▶ To browse in the address book: turn the controller.

Searching for a contact

Using the character bar

- ▶ Call up the address book (▷ page 117).
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Search: turn and press the controller.
- ▶ To select characters: turn the controller and press to confirm.
  The first contact with the selected first character is highlighted in the address 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 end the search: select ok .
  The contacts in the address book are displayed.
- To select a contact: turn and press the controller.

Back to the character bar

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

Further information about character entry (▷ page 25).

Using the number keypad on the upper section of the center console

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

- For example, to enter the letter C: press the 2 ABC number key briefly three times in succession.
  The character appears the first time the key is pressed and shows all the available characters. It switches to the next character each time the key is pressed.

Adding a new contact

You can enter address data directly into the address book. If you store telephone numbers in the COMAND phone book, these are also saved in the address book. If you store a navigation destination, COMAND creates an address book entry which includes the complete navigable address data.

- Call up the address book (▷ page 117).
- To switch to the menu bar: slide ◎⬇ the controller.
- To select New: turn and press the controller.
  The surname and first name input lines are displayed.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To save the surname and first name: select ok .
  The details for the contact are displayed.
- To add a desired entry (e.g. Add E-Mail Address): turn and press the controller.
  Depending on the type of entry, the corresponding input menu appears.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To finish and save an entry: select ok .

Displaying contact details

- Call up the address book (▷ page 117).
- To select a contact: turn and press the controller.
  The details for the contact are displayed.

The entries can be categorized as follows:

- Business details
- Home details

An address book entry can contain the following information:

- name
- first name
- company
- up to five telephone numbers
- two email addresses
- Internet address
- two addresses
- geo-coordinates

Adding information to a contact

A maximum of five telephone numbers can be saved for one contact.

- ▶ Call up the address book (▷ page 117).
- ▶ To select a contact: turn and press the controller.
  The details for the contact are displayed.
- ▶ To add the desired entry (e.g. Add E-Mail Address): turn and press the controller.
  Depending on the type of entry, the corresponding input menu appears.
- ▶ Enter characters using the controller (▷ page 25) or the number keypad.
- ▶ To finish and save an entry: select ok .

Starting route guidance to an address or geo-coordinates

If an address with a ZIP code is saved, the address can be used for route guidance. If the ZIP code cannot be assigned to an exact address, you can adjust the destination subsequently using the controller.

- ▶ Call up the address book (▷ page 117).
- ▶ To select a contact: turn and press the controller.
  The details for the contact are displayed.
- ▶ To select the address or geocoordinates: turn and press the controller.
  The navigation menu is displayed.
- ▶ To select Start: slide ◎↓ and press the controller.
  The route to the destination address is calculated and route guidance starts.

Making a call

- ▶ Call up the address book (▷ page 117).
- ▶ To select a contact: turn and press the controller.
  The details for the contact are displayed.
- ▶ To select a telephone number: turn and press the controller.
  The number is dialed. Further information about the functions during a call (▷ page 110).

Sending text messages

- ▶ Call up the address book (▷ page 117).
- ▶ To select a contact: turn and press the controller.
  The details for the contact are displayed.
- ▶ To highlight the telephone number: turn the controller.
- ▶ To select : slide ◎→ the controller.
- ▶ To select Send Text Message: turn and press the controller.
  The entry fields for a text message are displayed (▷ page 130).

Observe the requirements for the message function (▷ page 127).

Sending e-mail

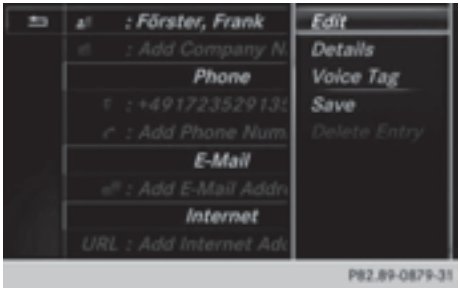
- ▶ Call up the address book (▷ page 117).
- ▶ Select an entry: turn and press the controller.
  The details for the contact are displayed.
- ▶ To select an e-mail address: turn and press the controller.
  The entry fields for an e-mail are displayed (▷ page 131).

Observe the requirements for the message function (▷ page 127).

Displaying sub-entry information

- ▶ Call up the address book (▷ page 117).
- ▶ Select an entry: turn and press the controller.
  The details for the contact are displayed.
- ▶ To highlight the desired entry: turn the controller.
- ▶ To select : slide the controller.
- ▶ To select Details: turn and press the controller.
  The display is shown in full.
- ▶ To close the detailed display: press the button.

Editing a contact



- ▶ Call up the address book (▷ page 117).
- ▶ To select a contact: turn and press the controller.
  The details for the contact are displayed.
- ▶ To highlight the desired entry: turn the controller.
- ▶ To select : slide the controller.
- ▶ To select Edit: turn and press the controller.
  The entry field for the selected entry is displayed.

Further information about character entry (▷ page 25).

Changing the category of an entry

- ▶ Call up the address book (▷ page 117).
- ▶ Select an entry: turn and press the controller.
  The details for the contact are displayed.
- ▶ To highlight the desired entry: turn the controller.
- ▶ To select : slide the controller.
- ▶ To select Change Category: turn and press the controller.
- ▶ To select a category: turn the controller and press to confirm.

Storing the phone number as a speed dial number

- ▶ Call up the address book (▷ page 117).
- ▶ Select an entry: turn and press the controller.
  The details for the contact are displayed.
- ▶ To highlight the desired telephone number: turn the controller.
- ▶ To select : slide the controller.
- ▶ To select Speed Dial: turn and press the controller.
- ▶ To select Assign Speed Dial Preset: turn and press the controller.
- ▶ To select a memory position for the speed dial: turn and press the controller.
  The phone number has been saved as a speed dial.

Voice tags

Introduction

You can enter voice tags via the Voice Control System (see the separate operating instructions). Once you have assigned a voice tag to an address book entry, you can call up this entry with a voice command and dial a phone number, for example. You can add one voice tag per address book entry.

Adding a voice tag

- ▶ Call up the address book (▷ page 117).
- ▶ Search for an address book entry with or without a voice tag (▷ page 117).
- ▶ To select : slide ◎→ the controller.
- ▶ To select Voice Tag: turn and press the controller.
- ▶ To select Add: turn and press the controller. Subsequent operation is voice-controlled. The Voice Control System guides you through the dialogs.

Deleting a voice tag

- ▶ Call up the address book (▷ page 117).
- ▶ Search for an address book entry with a voice tag (▷ page 117).
- ▶ To select : slide ◎→ the controller.
- ▶ To select Voice Tag: turn and press the controller.
- ▶ To select Delete: turn and press the controller.
- ▶ To select Yes: turn and press the controller. The voice tag is deleted.

or

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

Listening to a voice tag

- ▶ Search for an address book entry with a voice tag (▷ page 117).
- ▶ To select : slide ◎→ the controller.
- ▶ To select Voice Tag: turn and press the controller.
- ▶ To select Listen: turn and press the controller. You hear the voice tag.

Changing the display and sorting criteria for contacts

- ▶ Call up the address book (▷ page 117).
- ▶ 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 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 COMAND.

- ▶ Connect a mobile phone (▷ page 104).
- ▶ Call up the address book (▷ page 117).
- ▶ 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 suppress ☐ the automatic download.

Saving a contact

Saved contacts are indicated in the phone book by different symbols (▷ page 114).

- ▶ Call up the address book (▷ page 117).
- ▶ To select a contact: turn and press the controller.
  The details for the contact are displayed.
- ▶ To select [☰]: slide ◎→ the controller.
- ▶ To select Save: turn and press the controller.
  The contact has now been saved.

ⓘ If the saved address book entry contains a phone number, the entry is also displayed in the phone book.

Saving or editing the contact data on COMAND does not change the contacts on the mobile phone. If automatic downloading of phone contacts is activated, COMAND displays the copy 👤 with the changed data. To add additional data, such as additional phone numbers or e-mail addresses, select this contact. In this way, you avoid creating additional copies of the mobile phone entry.

Deleting the contact

- ▶ Call up the address book (▷ page 117).
- ▶ Search for a contact (▷ page 117).
- ▶ To select [☰]: slide ◎→ the controller.
- ▶ To select Delete Entry: turn and press the controller.
- ▶ To select Yes: turn and press the controller.
  The contact is deleted.

or

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

Closing the address book

- ▶ Press the [TEL] button.

Importing contacts

Information and requirements

Contacts can be imported as vCards (vcf files). A vCard is an electronic business card. A memory card, USB device or a Bluetooth® connection can be used for importing.

ⓘ Up to 2000 entries can be imported into the address 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 122).

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 COMAND and on the respective device (see the manufacturer's operating instructions).

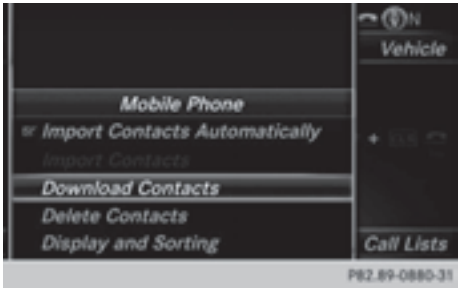
Importing from the memory card or USB device

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:

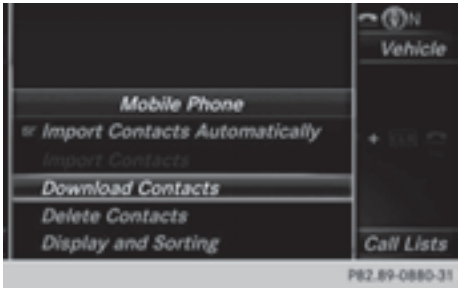
- vCards (vcf files) may be located in the main directory or in folders. COMAND allows you to select the relevant folders directly.
- vCards must have the file extension ".vcf".

COMAND supports vCards in versions 2.1 and 3.0.



- ▶ To switch to the menu bar in the telephone menu or the address book: slide ◎⬇ the controller.
- ▶ To select Options: turn and press the controller.
- ▶ To select Download Contacts: turn and press the controller.
- ▶ To select From Memory Card, USB 1 or USB 2: turn and press the controller.

Receiving vCards via Bluetooth®



COMAND

- ▶ To switch to the menu bar in the telephone menu or the address book: 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 COMAND is connected to a mobile phone, all connections are 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 COMAND.

COMAND

- ▶ To end reception: press the controller or the [⮌] button.
  If a mobile phone was connected, the connection to the mobile phone is established again.

vCards received via Bluetooth® are identified by the [BT] symbol in the phone book.

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

Deleting imported contacts

- ▶ To switch to the menu bar in the telephone menu or the address book: 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
- Downloaded from Phone
- Imported from Storage Device
- Imported from BT Devices

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.

ⓘ If automatic calling up of the contacts is deactivated (▷ page 121), the Downloaded from Phone option is available.

Call lists

Introduction

If your mobile phone supports the PBAP Bluetooth® profile, the call lists from the mobile phone are displayed in COMAND.

If the mobile phone call lists cannot be displayed, COMAND 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 COMAND.

If the contact for an incoming call is not saved in the address book, you can use the call list to save the telephone number. You can save this telephone number as a new contact in the address book or add it to an existing contact (▷ page 125).

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

Opening the call list and selecting an entry

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 highlight an entry: turn the controller.

▶ To make a call: press the controller.

Closing the call list

▶ To select ⮌: slide ◎ the controller.

or

▶ Press the ⮌ button. The list is closed.

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

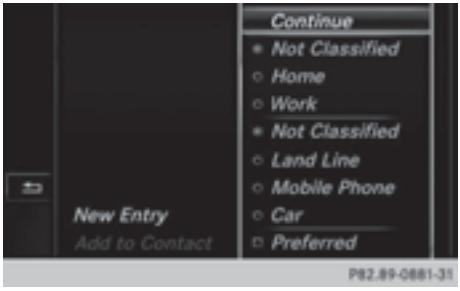
Displaying details from a list entry

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.

Saving telephone numbers

Adding new entries to the address book



- 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 telephone number: turn the controller.
- To select 📝: slide ◎➡ the controller.
- To select Save: turn and press the controller.
- Select New Entry.
- Select a number category, e.g. Home.
- Select a telephone category, e.g. Mobile Phone.
  The selected category is marked with ●.
  If you have marked a number as Preferred, it is shown at the top of the list.
- Select Continue.
  The entry field for the name of the new contact is displayed. The entry field for the telephone number is filled in automatically.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To finish and save an entry: select ok.
  The new contact has been created.

Adding information to an address book entry

- 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 telephone number: turn the controller.
- To select 📝: slide ◎➡ the controller.
- To select Save: turn and press the controller.
- Select Add Phone No..
- Select a number category, e.g. Home.
- Select a telephone category, e.g. Mobile Phone.
- Select Continue.
  The address book is displayed.

- Search for the desired contact and highlight (▷ page 117).
- To save a telephone number: press the controller.
  A maximum of five telephone numbers can be saved for one contact.

If five numbers are already stored for the contact you are searching for, a prompt will appear asking whether you wish to overwrite one of the existing numbers.

If you wish to overwrite one of the phone numbers:

- To select Yes: turn and press the controller.
  A list of the existing five phone numbers is displayed.
- To select the phone number to be overwritten from the list: turn the controller and press to confirm.
  The entry is overwritten with the new telephone number.

If you do not wish to overwrite any of the phone numbers:

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

Speed dial lists

Setting up

- 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 a memory position for the speed dial: turn the controller.
  If you highlight an entry that already exists in the speed dial list, this is overwritten with the new entry.
- To select 📖: slide ◎→ the controller.
- Select Assign Speed Dial Preset.
  The phone book is displayed.
- Search for a contact (▷ page 114).
- To select a contact: turn and press the controller.
  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 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 the ✉ symbol in the COMAND display and an audible signal. Once you have read all the messages, the symbol is no longer displayed.

COMAND displays the 100 newest text messages and e-mails.

The ✉ symbol is displayed when the mobile phone's message memory is full. The symbol is no longer displayed if you delete messages.

Function restrictions

Text messages cannot be written while the vehicle is in motion.

Prerequisites

To use the message functions, the connected mobile phone must support the MAP Bluetooth® profile. When connecting the mobile phone, you may have to accept the prompt for the MAP Bluetooth® profile.

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

An e-mail account must be set up on the mobile phone for the e-mail function (see the manufacturer's operating instructions).

To read and write e-mails in COMAND, the e-mail account first needs to be configured (▷ page 128).

Some mobile phones with the MAP Bluetooth® profile:

- only show new text messages.
- do not support the deleting or editing of text messages.
- do not support the drafts folder for text messages.
- do not support the sending of text messages.
- do not support the e-mail function.
- do not send messages in a locked status.

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 **www.mercedes-benz-mobile.com**.

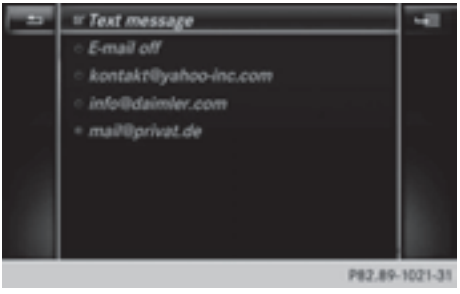
You can also obtain more information by calling.

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.

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 is displayed.
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Settings: turn and press the controller.
  The text message settings and the available e-mail accounts of the connected mobile phone will be displayed.

Configuring the text messages displayed

- ▶ Call up the settings menu for messages (▷ page 127).
- ▶ To highlight Text Message: turn the controller.
- ▶ To select 📝: slide ◎→ the controller.
  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.
  - 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.

Configuring the e-mails displayed

- ▶ Call up the settings menu for messages (▷ page 127).
- ▶ To highlight an e-mail account: turn the controller.
- ▶ To select 📝: slide ◎→ the controller.
- ▶ To select Automatic Download: turn and press the controller.
  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.
  - 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.

Configuring an e-mail account

- ▶ Call up the settings menu for messages (▷ page 127).
- ▶ To select an e-mail account: turn and press the controller.
  The e-mail account is now configured. E-mails can now be received and sent in COMAND.

Deactivating the e-mail function

- ▶ Call up the settings menu for messages (▷ page 127).
- ▶ To select E-Mail Off: turn and press the controller.
  E-mail reception is deactivated.

Changing the displayed name of the e-mail account

- ▶ Call up the settings menu for messages (▷ page 127).
- ▶ To highlight an e-mail account: turn the controller.
- ▶ To select 📝: slide ◎→ the controller.
- ▶ To select Own E-Mail Address: turn and press the controller.
  The input menu for entering your own e-mail address is displayed.

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.

Downloading text messages and e-mails from the phone

- ▶ Select From the Phone. The messages are downloaded. If you have selected Automatic Download in the e-mail settings, manual downloading is not possible.

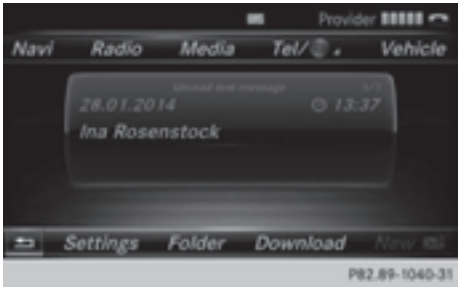
Updating from the e-mail server by the mobile phone

- ▶ Select From the E-Mail Server. The e-mails in the mobile phone are updated.

  This function is not supported by all mobile phones.

Reading messages

In the message menu



The message menu contains all the unread text messages and e-mails. If the corresponding folder is called up, the messages are displayed sorted by text messages and e-mails.

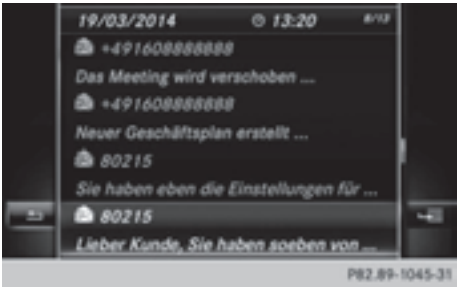
- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the menu bar: slide ◎ the controller.
- ▶ To select ✉: turn and press the controller. The message menu is displayed with the unread messages.
- ▶ To select the message: turn and press the controller. The message text is displayed.

Closing the message text

- ▶ Press the ⮌ button.

If you want to read messages that have already been read again, you have to call up the corresponding message folder (▷ page 129).

In the message folder



- ▶ 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 Folder: turn and press the controller.
- ▶ To select the desired folder in Text Message or E-Mail category: turn and press the controller. The selected 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.

Closing the message text

▶ Press the [↩] button.

The following sub-folders can be selected for text messages and e-mails:

- Inbox
  This folder contains all the incoming messages.
- Outbox
  This folder contains all the outgoing messages.
- Drafts
  This folder contains all the messages that you have saved as a draft.

ⓘ Folders cannot be selected if they are empty.

Depending on the mobile phone used, the sub-folder function may be available.

Read-aloud function for messages

▶ To start the read-aloud function: press the controller when the message is displayed.

▶ To select Read Aloud: turn and press the controller.
COMAND reads out the message.

▶ To cancel the read-aloud function: press the [🔇] button.

or

▶ Press the controller, select Cancel Read-Aloud Function and press the controller again.

You can set the language (▷ page 40) and the speed (▷ page 36) of the read-aloud function.

Displaying details and phone numbers

COMAND can also show a shortened sender display in full.

▶ 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 Folder: turn and press the controller.

▶ To select Text Message or E-Mail: turn and press the controller.
The selected 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.

Closing the detailed display

▶ Slide ←◎ the controller.

Writing text messages

Writing a new text message

Observe the requirements for the message function (▷ page 127).

- ▶ 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 New: turn and press the controller.
- ▶ To select Text Message: turn and press the controller. The text message input menu is displayed. The To: input line is selected.

Entering a recipient

- ▶ Enter characters using the controller (▷ page 25) or the number keypad.

or

- ▶ To enter a phone number from the phone book: select the 👤 symbol. The contacts from the address book which have a phone number are displayed.
- ▶ Search for and select an entry (▷ page 114). The number is copied to the recipient line.

Entering text and sending text messages

- ▶ To select an input line for text: select ⬇ in the character bar.
- ▶ Enter characters.

  COMAND contains templates which you can use when writing your messages (▷ page 132).
- ▶ To send the text message: select OK.

Answering a text message

Observe the requirements for the message function (▷ page 127).

- ▶ Display the message (▷ page 129).
- ▶ Press the controller.
- ▶ To select Reply: turn and press the controller. The text message input menu is displayed. The addressee's details are automatically filled in using the details in the original message.

Writing e-mails

Writing a new e-mail

Observe the requirements for the message function (▷ page 127).

- ▶ 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 New: turn and press the controller.
- ▶ To select E-Mail: turn and press the controller. The e-mail input menu appears. The To: input line is selected.

Entering a recipient

- ▶ Enter characters using the controller (▷ page 25) or the number keypad.

or

- ▶ To insert an e-mail address from the address book: select the 👤 symbol. The contacts from the address book which have an e-mail address are displayed.
- ▶ Search for and select an entry (▷ page 114). The e-mail address is copied to the addressee line.

Entering the subject

- ▶ To select the Subject: input line: select ↓ in the character bar.
- ▶ Enter characters.

Entering text and sending e-mails

- ▶ To select an input line for text: select ↓ in the character bar.
- ▶ Enter characters.

  COMAND contains templates which you can use when writing your messages (▷ page 132).
- ▶ To send the e-mail: select OK.

Answering an e-mail

Observe the requirements for the message function (▷ page 127).

- ▶ Display the message (▷ page 129).
- ▶ To call up a menu: press the controller.
- ▶ To select Reply: turn and press the controller.
  The e-mail input menu appears. The addressee's details are automatically filled in using the details in the original message.

When replying to an e-mail, you can also select Reply to All instead of Reply. In this case, the reply is sent not just to the sender but to all those who received the original message.

Forwarding an e-mail

Observe the requirements for the message function (▷ page 127).

- ▶ Display the message (▷ page 129).
- ▶ To call up a menu: press the controller.
- ▶ To select Forward: turn and press the controller.
  The input menu appears. The subject line is automatically filled in with the same details as those in the original message.

Text templates

Using text templates

① Displays text templates

- ▶ Select the input line for a text message (▷ page 130) or e-mail (▷ page 131).
- ▶ To select text templates ① in the character bar: turn and press the controller.
  The text templates are displayed.
- ▶ To select and insert a text template: turn and press the controller.
  The text template is inserted into the text message or e-mail.

Editing text templates

① Displays text templates

- ▶ Select the input line for a text message (▷ page 130) or e-mail (▷ page 131).
- ▶ To select text templates ① in the character bar: turn and press the controller.
  The text templates are displayed.
- ▶ To highlight the text template to be edited: turn the controller.
- ▶ To select ✎: slide ◎→ the controller.

- To select Edit: turn and press the controller.
  The text template is displayed in an input line.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To adopt changes to the text template, select ok : turn and press the controller.
  The text template has been changed.

Calling a text message sender

- Display the message (▷ page 129).
- 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 telephone number while the message is displayed: turn the controller.
- To select Use: press the controller.
- To select Call: turn and press the controller.
  The call is made.

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

You can use the "New entry" or "Add no." functions to save this telephone number or to add it to an existing entry.

Storing sender as a new contact

Storing the sender of a text message

- To call up the menu when a text message is displayed: press the controller.
- To select Save Number: turn and press the controller.
- Select a number category, e.g. Home.
- Select a telephone category, e.g. Mobile Phone.
- Select Continue.
  The input line for the name of the new contact is displayed. The input line for the telephone number is filled in automatically.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To finish the entry: select OK.
  The new contact has been created.

Saving the sender of an e-mail

- To call up the menu when an e-mail is displayed: press the controller.
- To select Save Sender's E-Mail Address: turn and press the controller.
  The input line for the name of the new contact is displayed. The input line for the e-mail address is filled in automatically.
- Enter characters using the controller (▷ page 25) or the number keypad.
- To finish the entry: select OK.
  The new contact has been created.

Deleting messages

- Call up the message folder (▷ page 129).
- 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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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

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 COMAND and the desired phone is supposed 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 104) with COMAND. 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

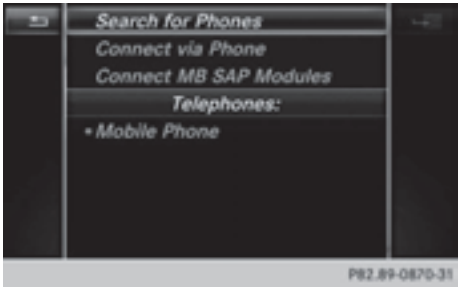
USA: to use Mercedes-Benz Apps and Internet access, mbrace must be activated and operational. Furthermore, mbrace must be activated for Mercedes-Benz Apps and Internet access. No further settings are required.

Canada: in order to set up a mobile phone for Internet access, the mobile phone must be connected via Bluetooth® (▷ page 104) with COMAND. If you are using Internet access for the first time, you must enable the connected mobile phone for Internet access (▷ page 137). 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 138) or manual access data (▷ page 138) must be set.

Enabling the mobile phone for Internet access

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: 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.
- To select Search for Internet Devices: turn and press the controller.
  Mobile phones are displayed that:
  - are connected with COMAND
  - 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 138) or personalized access data (▷ page 138) 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.
- To select Confirm Settings: turn and press the controller.
  If the data is not correct, you can edit the settings (▷ page 140).

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.

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 141).

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 139).
- 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 141).

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

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.

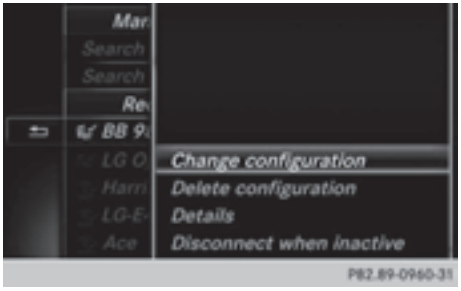
Managing existing access data

Calling up the device list

- To call up the telephone menu: press the TEL button.
- To switch to the main function bar: slide ↑◎ the controller.
- To select TEL/🌐: press the controller.
- To select Internet: 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 139).
- ▶ 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 138).
- Option 2: manually set the access data of the mobile phone network provider (▷ page 138).

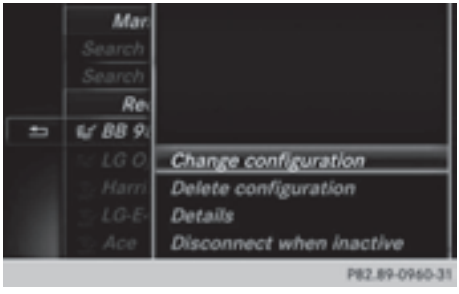
Canceling Internet access permissions for a mobile phone

- ▶ Call up the device list (▷ page 139).
- ▶ 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.

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 139).
- ▶ 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 137).

A connection can be established by:

- entering a web address
- calling up the Mercedes-Benz mobile website
- calling up a Mercedes-Benz App
- calling up a favorite
- calling up the Internet radio

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 call up the telephone menu: press the TEL button.

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

▶ To select TEL/🌐: press the controller.

▶ To select Internet: 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
- name of provider

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 call up the telephone menu: press the TEL button.

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

▶ To select TEL/🌐: press the controller.

▶ To select Internet: 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 canceled, COMAND tries to reconnect. You should therefore always close the connection on COMAND.

Google™ local search

Calling up Local Search

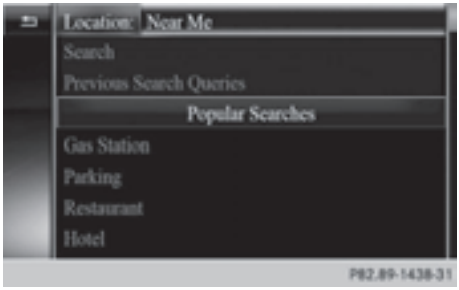
You do not need a Google™ account to use Local Search.

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: 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 Local Search: turn and press the controller.

Further information on how to enter the search position and search term (▷ page 142).

ⓘ You will first need to register COMAND 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



- ▶ Call up Local Search (▷ page 142).
- ▶ To enter the search position: press the controller.
  The following options are available:
  - Nearby
    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.
- ▶ To select the search position: turn and press the controller.
- ▶ To select Search: turn and press the controller.
  The input menu for the search term is displayed.
- ▶ Enter characters using the controller (▷ page 25) or the number keypad.
- ▶ 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.

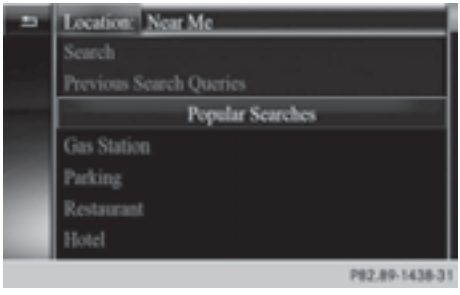
Further information on how to make use of a search result (▷ page 143).

Using search results

▶ To select a search result: turn and press the controller.
The following options are available:
- Details
  The address of the selected entry is displayed.
- Set as Destination
  The navigation is called up. You can use the search result as the destination for route calculation. The search result is immediately stored in the From Last Destinations memory. You can take the destination from this memory and save it permanently in the contacts.
- 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.
- Google Street View
  The Google™ Street View view is called up. If no Google™ Street View information is available, a corresponding message appears.
- Panoramio by Google
  You see pictures of places worth seeing in the vicinity of the search result.

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

Popular searches



▶ Call up Local Search (▷ page 142).
▶ To select a search position, e.g. In the Vicinity of the Destination: turn and press the controller.
▶ To select search queries in the Popular Searches section: turn and press the controller.
The search results are displayed.

Search history

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

▶ Call up Local Search (▷ page 142).
▶ 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.

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 146).

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 144). Using the Download POI App, the destination is displayed in the vehicle (▷ page 144).

The destination can be:

- imported (▷ page 145)
- used for route guidance (▷ page 145)
- called up (▷ page 145)
- deleted from the server (▷ page 146)

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 146).
- ▶ 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 call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: 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 145).

Further information on importing the destination (▷ page 145).

Further information on deleting the destination (▷ page 146).

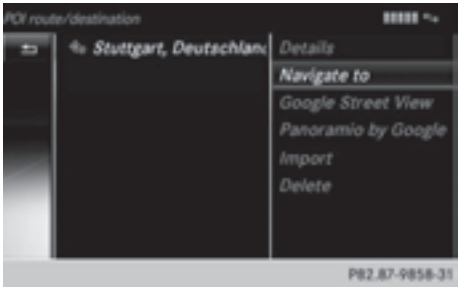
You can save up to 50 destinations for your vehicle on the server and display these in the list. If you send further destinations to the server, the oldest entries are deleted from the list.

Using destinations

Displaying details

- ▶ Display the destination in the vehicle (▷ page 144).
- ▶ 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 144).
- ▶ 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 104)
- the destination address contains a telephone number

- ▶ Display the destination in the vehicle (▷ page 144).
- ▶ 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 109).

Importing destinations

You can save destinations and routes on an SD card when importing.

- ▶ Insert the SD memory card (▷ page 175).
- ▶ Display the destination in the vehicle (▷ page 144).
- ▶ To highlight a destination: turn the controller.
- ▶ To select : slide ◎→ the controller.
- ▶ Select Import.
  The entry is saved on the SD card.

Deleting a destination from the server

Destinations on the server are automatically deleted after seven days.

- ▶ Display the destination in the vehicle (▷ page 144).
- ▶ 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 call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: 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.
- ▶ To select : slide ◎→ the controller.
  The vehicle identification number is displayed.

Exiting a menu

- ▶ Press the ⮌ button.

Deleting destinations automatically after importing to the server

Destinations on the server are automatically deleted after seven days.

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: 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.
- ▶ To select : slide ◎→ the controller.
- ▶ To select Delete after importing to the server: turn and press the controller.
  Switch the setting on ☑ or off ☐.

Exiting a menu

- ▶ Press the ⮌ button.

Weather forecast

Introduction

You can call up the weather forecasts for a location of your choice. The weather forecast can be displayed in an information chart for the current day or as a 5-day forecast. Alternatively, the weather forecast can be displayed in a weather map.

Calling up the weather forecast

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: turn and press the controller.
  The menu with the Internet functions is displayed.
- ▶ To select Mercedes-Benz Apps: turn and press the controller.
- ▶ Select Weather.

Information chart overview

- ▶ Call up the weather forecast (▷ page 147).
  The following information is displayed:
  - the time when the weather report was updated
  - the current temperature
  - information on the weather (e.g. cloudy, rain)
  - the maximum daytime temperature
  - the minimum daytime temperature
  - the probability of rain
  - the forecast for the current day (three time intervals)

Switching to the 5-day forecast

- ▶ To select Current: turn and press the controller.
  A menu appears.
- ▶ Select 5-Day.
  The information chart displays the forecast for the next five days in the currently selected location.

Returning to the current weather

- ▶ Select 5-Day.
  A menu appears.
- ▶ Select Current.
  The information chart shows the current forecast at the currently selected location.

Displaying detailed information

- ▶ Select Current.
  A menu appears.
- ▶ Select Info.
  The information chart shows detailed information for the selected area.

Selecting a location from the information chart

- ▶ Call up the weather forecast (▷ page 147).
- ▶ To select Location in the menu: turn and press the controller.
  A menu with the following options is shown:
  - Current Position
  - Near Destination
    You can select Near Destination if the route has been calculated. The menu item is otherwise grayed out.
  - Other City
- ▶ To select the required option: turn and press the controller.
  If Current Position or Near Destination has been selected, the weather forecast for the selected option is displayed.
  If Other City has been selected, you need to make more entries.

Selecting another location

▶ Enter the search area.
The information chart with the weather forecast appears when the search area has been entered.

Weather map overview

Calling up the weather map

▶ Call up the weather forecast (▷ page 147).
The information chart is displayed (default setting).
▶ To select Map: turn and press the controller.
The weather map is displayed.

Moving the weather map

▶ Slide ◂◎▸, ▴◎▾ or ◎ the controller.
The weather map is shifted in the corresponding direction.

Changing the scale

▶ Turn the controller.

ⓘ The data is downloaded again from the server for these functions. This can delay the display of the weather map.

Displaying the information chart for the selected location

▶ To call up a menu: press the controller.
▶ To select Weather Table: turn and press the controller.
The information chart displays the current weather for the selected location.

Memory functions

Saving a location

You can save locations that are called up frequently in ten preset positions (0, 1 - 9).

▶ Select a location from the information chart (▷ page 147)
▶ To select Location in the menu: turn and press the controller.
▶ Select Presets.
▶ To select a preset and save a location: turn and press the controller.
When the location is saved, the number of the selected preset comes before the name of the place in the caption.

Displaying a saved location

▶ To select Location in the information chart: turn and press the controller.
▶ Select Presets.
▶ Select desired preset.
The information chart appears and displays the weather information.

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 141)

The online functions contain the Mercedes-Benz Mobile Website as a predefined favorite.

- ▶ Press the TEL button.
  The last function called up appears.
- ▶ Select TEL/ in the main function bar by sliding ↑, turning and pressing the controller.
  A menu appears.
- ▶ To select Internet: turn the controller and press to confirm.
  The menu for the Internet functions appears.
- ▶ 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 call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑ the controller.
- ▶ To select TEL/: press the controller.
- ▶ To select Internet: 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.

Resetting adjustments

With the reset function, all Mercedes-Benz Apps settings are reset to the factory settings.

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑ the controller.
- ▶ To select TEL/: press the controller.
- ▶ To select Internet: 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.
- ▶ To select Yes: turn and press the controller.
  The settings are reset.

or

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

Internet radio

General notes

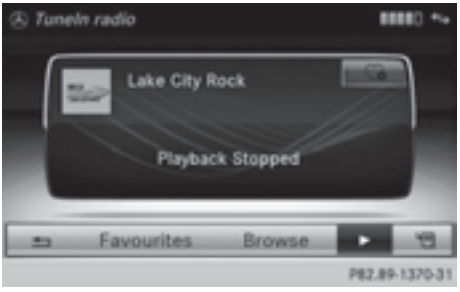
A good Internet connection is required for error-free audio data transmission. Connect-

ing your mobile phone to the vehicle's exterior antenna via the phone bracket ensures the best possible reception.

ⓘ Bear in mind that a relatively large volume of data can be transmitted when using Internet radio. An average 128 kbit/s data transfer rate can transfer 56 MB of data in one hour.

The data transfer rate of a station is displayed while receiving data.

Calling up the Internet radio



- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet Radio: turn and press the controller.
  The Internet radio menu appears.

ⓘ You can also call up the Internet radio directly in radio mode (▷ page 159) or in the Mercedes-Benz Apps (▷ page 149).

Searching for stations

- ▶ Call up the Internet radio (▷ page 150).
- ▶ To select Search in the Internet radio menu: turn and press the controller.
  A list with search options appears.
- ▶ Select the desired search option.

ⓘ For example, as a search option you can set an Internet radio station that is near to your navigation destination.

Connecting to a station

- ▶ Search for a station (▷ page 150).
  The connection is established automatically.

Establishing a connection manually:

- ▶ To select ▶ in the Internet radio menu: turn and press the controller.
  The connection is established.

If the connection is interrupted, the system will attempt to restore the connection automatically. If the connection can't be restored after three attempts, playback will stop.

Manually re-establishing a connection:

- ▶ Select ▶ again in the Internet radio menu.

Ending data transfer:

- ▶ Select ■ in the Internet radio menu.

or

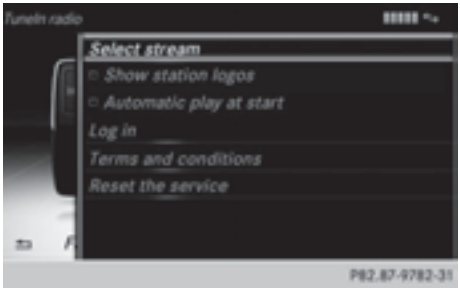
- ▶ Change to another audio source, for example Media.

If you change to a main function that is not an audio source, e.g. navigation, the data connection remains on. You can continue listening to the set station. Pressing the TEL button takes you back to Internet radio.

Saving a station as a favorite

- ▶ Call up the Internet radio (▷ page 150).
- ▶ To select Favorites: turn and press the controller.
- ▶ Select Save ... as Favorite.
  The set station is saved as a favorite.

Further options



- ▶ Call up the Internet radio (▷ page 150).
- ▶ To select ▶☰: turn and press the controller.
  A menu appears. You can load station logos, select a stream or automatic playback on starting, for example.
- ▶ To select Show station logos: turn and press the controller.
  The function is activated ☑ or deactivated ☐.
- ▶ Select Automatic playback at start.
  The function is activated ☑ or deactivated ☐.

Web browser

Calling up a website

Function restrictions

Internet pages cannot be shown while the vehicle is in motion.

Entering a web address

- ▶ To call up the telephone menu: press the TEL button.
- ▶ To switch to the main function bar: slide ↑◎ the controller.
- ▶ To select TEL/🌐: press the controller.
- ▶ To select Internet: 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.

Step	Result
▶ Press the controller.	Opens the selected item.
▶ Press [↩].	Calls up the menu.

Menu functions

① Closes the browser
② Goes back/forward
③ Updates/cancels
④ URL entry
⑤ Favorites
⑥ Options

▶ **To show the menu:** press the [↩] button.
▶ **To call up the Options menu:** select [☰]: turn and press 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.

ⓘ 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 151).
▶ **Favorites:** select [☆].
The Favorites menu appears (▷ page 154).

Options menu

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

Settings overview

▶ **To show the menu:** press the ⮌ button.

▶ To select ☰: turn and press the 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.
- Enable Internet Audio
  You can switch the browser's audio playback on or off here.
- Hide Scroll Bars
  You can show or hide the scroll bar here.
- 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

- ▶ Press the TEL button.
- ▶ Select Internet.
- ▶ To show the menu: slide ◎↓ the controller.
- ▶ To select Settings: slide ◎↓, turn and press the controller to confirm.
  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.

Favorites

Introduction

Favorites/bookmarks are frequently visited websites.

Creating favorites

Adding a favorite in the menu

- ▶ Press the TEL button.
  The last function called up appears.
- ▶ Select TEL/🌐 in the main function bar by sliding ↑◎, turning and pressing the controller.
  A menu appears.
- ▶ To select Internet: turn and press the controller.
  The menu for the Internet functions appears.
- ▶ 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 152).

Selecting favorites

- ▶ Press the TEL button.
  The last function called up appears.
- ▶ Select TEL/🌐 in the main function bar by sliding ↑◎, turning and pressing the controller.
  A menu appears.
- ▶ To select Internet: turn and press the controller.
  The menu for the Internet functions appears.

- ▶ 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

- ▶ Press the TEL button.
  The last function called up appears.
- ▶ Select TEL/ in the main function bar by sliding ↑, turning and pressing the controller.
  A menu appears.
- ▶ To select Internet: turn and press the controller.
  The menu for the Internet functions appears.
- ▶ To select the Internet Favorites menu: turn and press the controller.
  The Favorites menu appears.
- ▶ To bring the desired favorites to the front.
- ▶ To select Edit: slide ↓ and press the controller.
  An input menu appears.
- ▶ Enter the web address (URL) and name using the character bar.

Deleting favorites

- ▶ Press the TEL button.
  The last function called up appears.
- ▶ Select TEL/ in the main function bar by sliding ↑, turning and pressing the controller.
  A menu appears.
- ▶ To select Internet: turn and press the controller.
  The menu for the Internet functions appears.
- ▶ To select the Internet Favorites menu: turn and press the controller.
  The Favorites menu appears.
- ▶ Select the desired favorites.
- ▶ 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 Internet browser

- ▶ Select ⮌ in the browser menu (▷ page 152)

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.

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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

Radio mode

Switching to radio mode

▶ Press the RADIO button.
The radio display appears. You will hear the last station played on the last waveband selected.

Radio 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

▶ To activate the main function and menu bar: in radio mode, slide ↑◎↓ the controller.

Radio menu overview

Radio main function bar

- HD Radio FM: HD FM radio mode
- HD Radio AM: HD MW radio mode
- Sat Radio: satellite radio
- IP Radio: Internet radio
- Info on Radio: Digital Operator's Manual
- Radio Station Presets: 100 preset positions for radio stations

Radio menu bar "Options"

- Tag This Track: saves track information on an Apple® device for a later purchase option via iTunes®
- Enter Frequency: manual frequency entry
- Current Station/Channel Listing: list of available stations
- Edit Station Preset: selects and edits station presets
- Show Station Information: switches artist and track display and station name on/off
- HD radio: switches HD Radio on/off

Radio menu bar

- 🔍: searches for stations by name
- Waveband: selects wavebands
- Info: displays additional information about the current station (radio text or Artist Experience®)
- Sound: sound settings, harman/kardon® Logic 7® Surround, Bang & Olufsen BeoSound AMG sound system

Setting the waveband

Button activation

- Press the RADIO button.
  A menu appears with a selection of HD Radio FM, HD Radio AM, Sat Radio, IP Radio, Info on Radio and Radio Station Presets.
- Turn the controller until the required waveband is in the center. 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, Sat Radio, IP Radio, Info on Radio and Radio Station Presets.
- Turn the controller until the required waveband is selected. Press the controller.

Using the radio menu bar

- In radio mode: slide ◎↓ the controller.
  The radio main function bar and menu bar appear.
- To select Waveband: turn and press the controller.
  A menu appears with a selection of HD Radio FM, HD Radio AM, Sat Radio and Radio Station Presets.
- Turn the controller until the required waveband is selected. Press the controller.

Selecting a station

From the main display field

All currently available stations are displayed.

- In radio mode, turn the controller until the station is highlighted.

Using the current station list

ⓘ The station list is available in the HD AM and HD FM wavebands. It includes all stations that can be received.

- In radio mode, press the controller.
  The station list appears with the stations currently available.
  A symbol is displayed in front of the station that is currently selected.
- To select the desired station: turn and press the controller.

Using frequency entry

- In radio mode: slide ◎⬇ the controller. The radio menu bar appears.
- To select Options: turn and press the controller
- Select Enter Frequency.
- Enter the frequency of the desired station in the entry field.

or

- Press the * key on the number keypad. Then enter the frequency of the desired station in the entry field.

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. COMAND displays a list of available stations.
- To select stations from the list: turn the controller and press to confirm.

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.

Tagging music tracks

This function allows you to transfer the music track currently playing to an Apple® device and then purchase it in the iTunes store®.

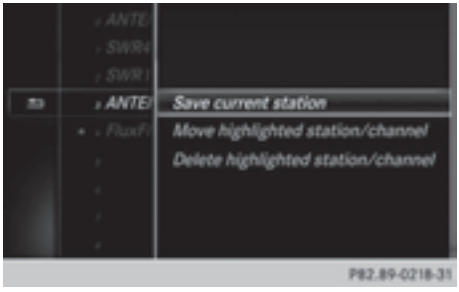
- In radio mode: slide ◎⬇ the controller.
- Select Options.
- Select Tag This Track. A message appears in COMAND about storing the track information.

Station Information

- In radio mode: slide ◎⬇ the controller.
- To select Options: turn and press the controller.
- With ☑ or ☐ in front of Show Station Information you can determine whether the station name should be displayed. If the function is active, the artist and track will also be displayed in the main display field.

Saving a station

ℹ Frequencies are already stored in COMAND. There are 100 preset positions available.



Storing current stations

- In radio mode: slide ◎⬇ the controller.
- To select Options: turn and press the controller.
- Select Edit Station Preset.
- 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.

or

- ▶ Set the desired station in radio mode.
- ▶ Press and hold down the preset number to be assigned on the number keypad until a tone confirms that the storing process was successful.
- ▶ If the preset number has two digits, press the first digit briefly and then press and hold down the second digit.

or

- ▶ Set the desired station in 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.

Moving highlighted stations

- ▶ In radio mode: slide ◎↓ the controller.
- ▶ To select Options: 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.
- ▶ To select Options in the radio menu bar: 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.

or

- ▶ Press the CLEAR button.
  The prompt Do you want to delete the preset? appears
- ▶ To select Yes: turn and press the controller.
  The highlighted station is deleted.

or

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

Calling up sound settings

- ▶ In radio mode: slide ◎↓ the controller.
- ▶ To select Sound in the radio menu bar: turn and press the controller.
  The sound menu appears: (▷ page 198).

Displaying information

This function is available in HD FM radio mode or HD AM radio mode.

Reception is only possible if the radio stations provide the relevant 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 track that is currently being played
- the artist of the track that is currently being played
- the album name
- the channel abbreviation
- the logo of the station or Artist Experience®.

▶ **To return to the radio display:** select Info: slide ◎ and press the controller.

Satellite radio

General notes

The 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

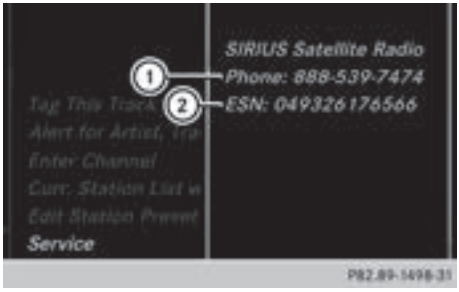
SIRIUS XM Satellite Radio offers more than 140 digital-quality radio channels providing 100% commercial-free music, sports, news and entertainment.

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 satellite radio mode (▷ page 163).
  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 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.

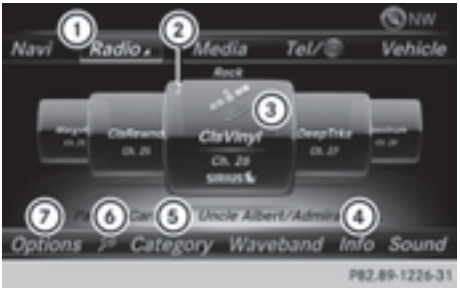
If the satellite receiver is not installed correctly, the Device Unavailable message will appear.

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 Category list
⑥ Keyword search
⑦ Options menu

Channel information ④ can be viewed in detail (▷ page 166).

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.

  When you select a specific category, the channels are filtered exclusively according to this category. Select the All Channels category in order to see all of the available channels. Only this category enables you to browse all available stations.

Selecting a channel

Changing channels

- When the display/selection window in the satellite radio display is selected, slide ◂◎▸ or turn the controller.
  COMAND switches to the next available channel.

Entering channel numbers directly

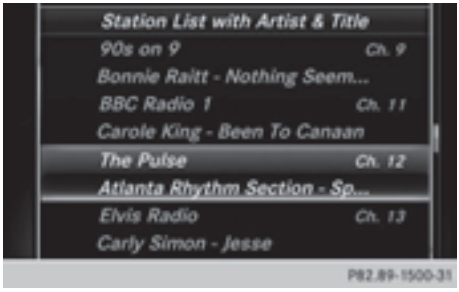
- To select Options in the radio menu bar: turn and press the controller.
  The satellite radio menu appears.
- To select Enter Channel: turn and press the controller.
  An input menu appears.
- Enter the frequency of the desired station in the entry field.

or

- Press the * key on the number keypad.
  An input menu appears.
- Enter the frequency of the desired station in the entry field.
- For the channel number, press the corresponding number keys on the control panel one after the other.
- Press the # key on the number keypad.
  COMAND sets the selected channel.

ⓘ You can only select currently permitted digits.

Selecting a channel via the satellite radio station list



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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.

or

- Press the controller in the main display field.
- Select the desired channel

Keyword search

P82.87-9533-31

- ▶ 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

ℹ There are 100 presets available.

- ▶ **To store a channel using the edit function:** select Options in the radio menu bar: turn and press the controller.
- ▶ To select Edit Station Preset: 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.

or

- ▶ To **quick store:** press and hold number key 2, for example.
  The channel is saved to the second position in the radio channel presets.

or

- ▶ 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.

Deleting highlighted stations

- ▶ To select Options in the radio menu bar: 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.

or

- ▶ Press the [CLEAR] button.
  The prompt Do you want to delete the preset? appears
- ▶ To select Yes: turn and press the controller.
  The highlighted station is deleted.

or

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

Music and sport alerts

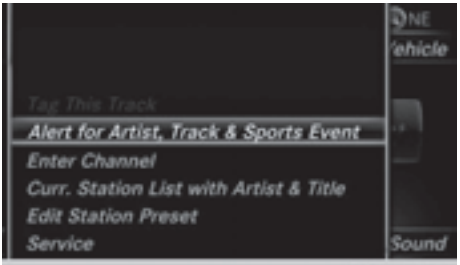
General notes

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 Tracks.
  The alert is set for the current artist or track.

Setting a sport alert

- To select Options in the 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 Sport 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.

A window with music and sport alerts 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.

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.

Switching music and sport alerts on/off

- With ☑ or ☐ in front of Activate Music Alerts you can determine whether music alerts should be switched on or off.
- With ☑ or ☐ in front of Activate Sports Alerts you can determine whether sport alerts should be switched on or off.

Tagging music tracks

This function allows you to transfer the music track currently playing to an Apple® device and then purchase it in the iTunes store®.

- 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 track that is currently being played
- category
- composer

▶ **To return to the radio display:** select Info: slide ◎↓ and press 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: turn and press the controller.
▶ To select Service: turn and press the controller.
The SIRIUS XM ID of your satellite receiver and the telephone number of the provider 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. The station previously selected will be played if it is still available.

Sound settings

Information on sound settings (▷ page 198).

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Media search 179
Bluetooth® audio mode 181
Operation with the Media Interface 187
Video DVD mode 190
Picture viewer 195

Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

Activating media mode

General notes

There are several ways to activate media sources using COMAND.

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.

Using the MEDIA button

▶ 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 media sources: turn the controller until the desired media source is in the center. Press the controller.

The media sources are available in the following order:

- CD/DVD
- Memory card
- Vehicles without Media Interface: USB 1 and USB 2
- Vehicles with Media Interface: Media Interface 1 and Media Interface 2
- BT audio

If playable music files are found, they will be played by COMAND.

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

Switching on automatically

When an external media source is connected, CD and SD memory card functions are automatically switched on by COMAND. Depending on the vehicle equipment, you must change to the default display of the Media Interface 1, 2 or USB 1, 2 when using with USB devices.

External media sources:

- Apple® devices (e.g. iPhone®)
- USB devices (e.g. USB stick, MP3 player)
- CD
- DVD
- SD cards
- via devices connected by Bluetooth®

If playable music files are found, they will be played by COMAND.

ⓘ If a media function is already switched on in COMAND, this will be interrupted and the basic display of the newly connected device will appear (except when using with USB/iPod®).

If another function, such as navigation, is operating, the basic display will not change. Only the music from the newly connected media source will play (except when using with USB/iPod®).

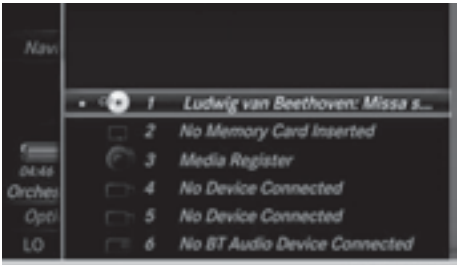
Using the main function bar

- 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 or video files, these will be played. The corresponding basic menu will be shown.

Using the number keypad

- To select a media source: press the corresponding number key.
  If the media source contains music or video files, these will be played. The corresponding basic menu will be shown.
- To enter the track number: press the * button.
  A menu appears.
- To enter and confirm the number of the track using the number keypad: press the controller.
  The track information for the track that is currently being played is shown using the "#" button.
  The track is played.

Using the device list



- In Media mode, slide ◎↓ the controller.
  The media menu bar appears.
- To select Devices: turn the controller and press to confirm.
  The available media sources will be shown. The ● dot indicates the current setting.
- Select the media source.
  If the media source contains music or video files, these will be played. The corresponding basic menu will be shown.

Audio/video mode

Important safety notes

⚠ WARNING

The CD/DVD drive is a class 1 laser product. If you open the housing of the CD/DVD 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/video mode

Permissible data carriers

- CD audio, CD-R and CD-RW
- DVD video, DVD-R and DVD-RW (audio formats PCM DTS® and Dolby® Digital)
- SD memory card
- USB storage device

ⓘ Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

ⓘ For DTS patents see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol & DTS and the Symbol together are registered trademarks, and DTS Digital Surround is a trademark of DTS, Inc. © DTS, Inc. All rights reserved.

Permissible file systems

- ISO 9660/Joliet standard for CDs
- UDF for video DVDs
- 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 COMAND will process the CD. COMAND only plays back one session and gives priority to the first session on the CD.

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 (a root and seven sub-levels). Files beyond the eighth level will not be recognized by the system.

ⓘ COMAND supports up to 25,000 files for all of the connected sources.

Track and file names

When you create a disc with compressed music files, you can assign names to the tracks and folders.

You should observe the following when assigning track names:

- track names must have at least one character.
- track names must have the ending of a supported audio/video format, e.g. mp3, aac or m4v.
- there must be a dot between the track name and the extension.

  Example of a correct track name: "Track1.mp3".

Permissible formats

COMAND 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.

COMAND supports the following video formats:

- DVD-V
- MPEG
- WMV
- M4V
- AVI

Permissible bit and sampling rates

COMAND supports MP3 files of the following types:

- fixed and variable bit rates from 32 kbit/s to 320 kbit/s
- sampling rates of 8 kHz to 48 kHz

COMAND supports WMA files of the following types:

- fixed bit rates from 5 kbit/s to 384 kbit/s
- sampling rates of 8 kHz to 48 kHz

COMAND does not support WMA files of the following types:

- 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, exFAT 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/video 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 CDs/DVDs

! COMAND is designed to play discs that comply with the EN 60908 standard. Therefore, you can only use discs with a maximum thickness of 1.3 mm.

If you insert thicker discs, e.g. those that contain data on both sides (DVD on one side and audio data on the other), they cannot be ejected and can damage the device.

Only use round discs with a diameter of 12 cm. Do not use discs with a diameter of 8 cm, even with an adapter.

Discs with copy protection are not compatible with the audio CD standard and therefore may not be able to be played by COMAND.

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.

Menu overview

CD mode basic display

① Status bar
② Main function bar
③ Name of the track currently playing
④ Track number/number of songs in the track list
⑤ Artist and album
⑥ Media menu bar
⑦ Remaining playing time of the current track

⑧ Elapsed playback time for the current track
⑨ Graphic time display
⑩ Album cover (if available)

Inserting and removing a disc from the single CD/DVD drive

▶ **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/DVD is operated in Media mode, the corresponding basic menu will be shown. If the CD/DVD is started using another application (e.g. navigation), the display will not change.

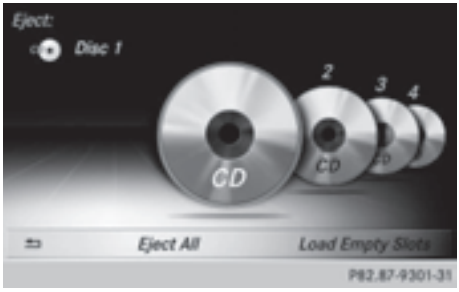
ⓘ The drive may not be able to play discs with copy protection.

▶ **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.

Inserting discs into the DVD changer

The DVD changer has a magazine with six trays.

▶ **To insert the CD/DVD into the magazine tray:** press the ⏏ button.
The magazine menu appears.



▶ **To select the magazine tray to be filled:** turn and press the controller or press the number buttons (1-6) on COMAND.
The DVD changer switches to the selected magazine tray.
The Please Wait... message appears.
You will then see the Please insert disc Slot_number. message.
▶ Insert a disc into the disc slot with the printed side facing upwards.

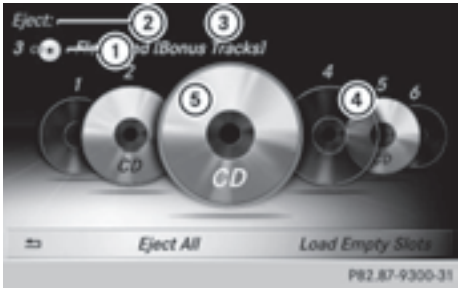
▶ **To load all empty magazine trays:** press the ⏏ button
The magazine menu appears.
▶ To select Load Empty Slots: slide ◎↓, turn and press controller.
COMAND switches to the next empty magazine tray.
The Please Wait... message appears.
You will then see the Please insert disc Slot_number. message.

- Insert a disc into the disc slot with the printed side facing upwards.
  Once the disc is loaded, the DVD changer switches to the next empty tray.
- Repeat these steps until all magazine trays are filled.
  The DVD changer plays the last inserted disc.
- **To exit the DVD changer menu:** press the button.

Ejecting discs from the DVD changer

If you remove one disc while playing another disc, the DVD changer interrupts playback. Playback continues once the disc has been ejected.

- **To eject a single CD/DVD:** press the button.
  The magazine menu appears. The current disc is marked.



① Type of data medium
② Active ejection
③ Disc name
④ Empty tray no. 4
⑤ Current disc

- To select the data medium: turn and press the controller or press the number buttons (1-6) on COMAND.
  The DVD changer ejects the disc.
- Take the disc out of the slot.
- **To eject all CDs/DVDs:** press the button.
  The magazine menu appears.
- Select Eject All.
  The last active disc is ejected.
  The Please remove disc 1. message appears.
- Remove the disc.
  The DVD changer ejects the disc.
- Repeat the last step until the magazine is empty.
- **To exit the menu:** press the button.
  or
- Select in the magazine menu.

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.

COMAND 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 memory card into the slot on the control panel until it engages in place. The

side with the contacts must face downwards.
The music is played while the files are loaded in the background. If there are no supported audio/video files, you will see a message to this effect.

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.

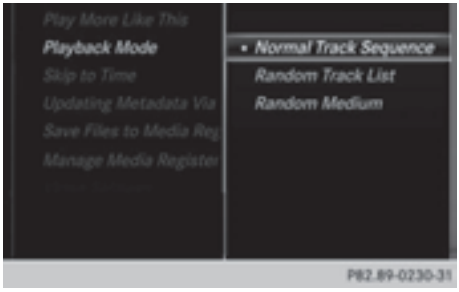
- ▶ Connect the USB device to the USB port.
  The data medium will only be played and the files will only be loaded in the background if the corresponding media display is visible. Otherwise, the system does not automatically switch to USB. If there are no supported audio/video files, you will see a message to this effect.

ⓘ MP3 players must support Media Transfer Protocol (MTP).

Playback options

P82.89-0229-31

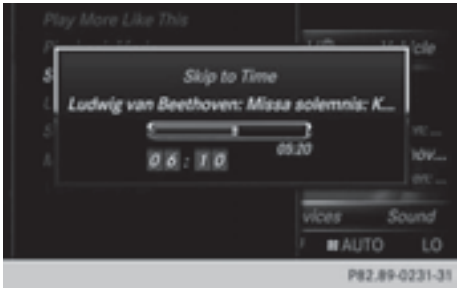
- ▶ In Media mode, slide ◎⬇ the controller.
  The media menu bar is shown.
- ▶ To select Options: turn and press the controller.



P82.89-0230-31

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.



P82.89-0231-31

Skip to time

- ▶ To select Skip to Time: turn and press the controller.
  A pop-up menu appears.
- ▶ To set the time: turn the controller
  or
- ▶ Set the desired time using the number keypad.

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 current USB data medium.

Showing track information

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. If it is deactivated, the file name and the folder name of the track are displayed.

Pause and playback function

▶ **To pause playback:** in audio/video mode, slide ◎⬇ the controller.
The media menu bar is shown.

▶ To activate ⏸ in the media menu bar: turn the controller and press to confirm
Playback is interrupted here. The display changes to ▶.

▶ **To continue playback:** in audio/video 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 ◀◎▶ the controller in the media basic display.

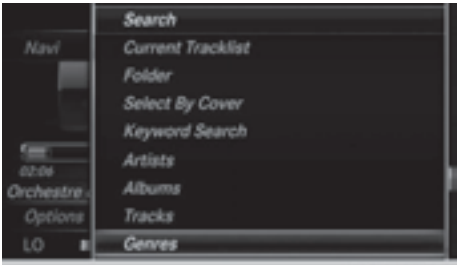
or

▶ Press the ⏮ or ⏭ button.

Fast forwarding/rewinding

▶ In the media basic display, press and hold the ⏮ or ⏭ button until the desired position is reached.

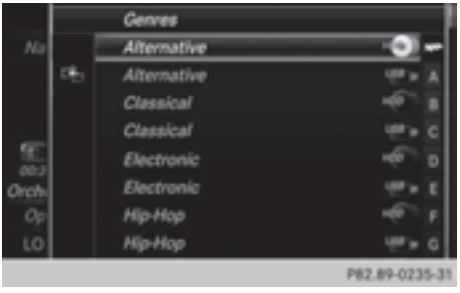
Search



▶ 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.
After the category has been chosen, subcategories appear depending on the available music tracks.



- ▶ Select a sub-category, e.g. Rock.
- ▶ Select a track in the sub-category for playing.
  All of the tracks in this sub-category are played.

Gracenote® Media Database

General notes

This function is available in CD audio, MP3 and iPod® mode.

There is a version of Gracenote® music recognition technology, Emeryville, California, USA on the COMAND hard disk. You will recognize this by the logo in the bottom right-hand corner of certain audio displays. If the audio CD does not contain any CD text information, COMAND can use the Gracenote® Media Database to identify unknown audio tracks when in audio CD mode.

In addition the cover art for the main display field, the album list and the "Select by cover" function from the Gracenote® Media Database are displayed for the music files and the iPod®. This occurs when the cover art is not contained in the files but in the Gracenote® Media Database.

Online prompt for metadata

A connection to the Gracenote® Data Server is made automatically when an audio CD is inserted. The missing data is loaded, saved in COMAND and shown on the display. If the search for metadata is unsuccessful, no data can be displayed. If no phone is connected or configured for data use, this function is unavailable.

An Internet connection is required for this (▷ page 141).

Saving audio CDs

General notes

ⓘ Store your audio CDs in a safe place. An malfunction in COMAND may result in the loss of stored files. Mercedes-Benz is not liable for any loss of data.

No individual music tracks can be stored or deleted, only a maximum of 12 complete audio CDs.

If 12 audio CDs are stored, the REC option in the Media menu bar is grayed out and has no function. One audio CD must be deleted before a new audio CD can be copied.

Copying an audio CD

- ▶ Insert an audio CD.
- ▶ In media mode, slide ◎⬇ the controller.
  The media menu bar appears.
- ▶ **To start the copying process:** select REC by turning and pressing the controller.
- ▶ To select Start: press the controller.
  The copying procedure starts and is shown in the progress bar.
  It may take some time for the copying process to be completed, depending on the amount of data.
  If the copying process is successful, the Music files copied. message appears
- ▶ **To cancel copying: select** Cancel.
  The files copied up to the point of cancellation are lost.

ⓘ During the copying process, you can switch to another function (e.g. radio) or to another media source (e.g. USB). The copying procedure continues in the background. It is however not possible to select another CD in the CD changer.

Playing audio CDs

- ▶ In Media mode, slide ◎⬇ the controller.

The media menu bar appears.

▶ To select Search: turn and press the controller.
The category list appears.

▶ To select Stored Audio CDs in the category list: turn and press the controller.
A selection list for the copied audio CDs is displayed.

▶ To select the desired audio CD: turn and press the controller.
The track list is displayed.

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

The tracks on the stored audio CDs can also be found and played using other media search functions (▷ page 179).

Deleting stored audio CDs

The function for deleting audio CDs is only available if music is played from the stored audio CDs.

▶ In media mode, slide ◎⬇ the controller.
The media menu bar appears.

▶ To select Options: turn and press the controller.

▶ To select Delete Saved Audio CDs: press the controller.
A selection list for the stored audio CDs is displayed.

▶ To select the desired audio CD: turn and press the controller.
The audio CD is deleted.

Media search

Starting the media search

▶ In Media mode, slide ◎⬇ the controller.
The media menu bar appears.

▶ To select Search: turn and press the controller.
The category list appears.

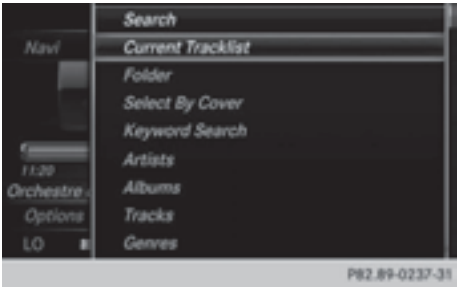
General information

COMAND plays back files from the following data media:

- Disc (CD/DVD)
- Memory card
- USB storage device
- Apple® devices (folder, year and photos are not available)

The categories are shown according to the data available, whereby a database is created for iPod® and for all the other media sources (CD, USB, SD card) respectively. During the search the relevant database is accessed depending on the active media source.

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;
- Videos;
- Photos.

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.
Either the desired track list appears or continue searching in the folder directory until the desired track list has been found.

▶ Select the required track.

Selecting by cover

▶ To select Select By Cover in the category list: turn and press the controller.
An album list sorted by artist appears.

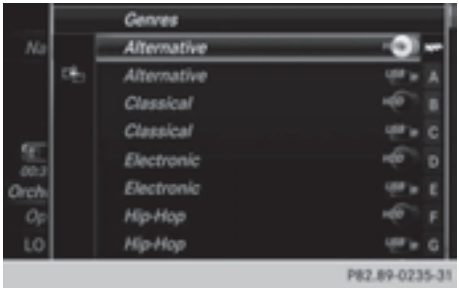
COMAND searches all media sources.

There is a database for iPod® and for each of the other media sources (CD, USB, SD card). During the search the relevant database is accessed depending on the active media source.

▶ To turn the desired album to the front and then select: turn and press the controller.

▶ The desired album is played.

Searching by genre



▶ To select Genres in the category list: turn and press the controller.
COMAND searches all media sources. A selection list with Genres and media sources appears.

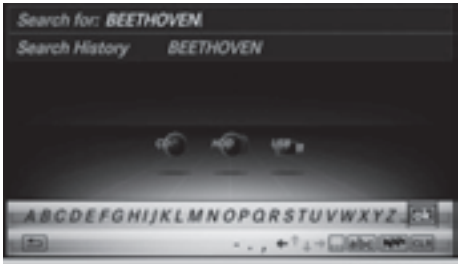
▶ Select the desired Genres.
A selection list with music tracks from the selected genre appears.

▶ 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.

ⓘ The list is closed automatically once a selection has been made.

Keyword search



▶ To select Keyword Search in the category list: turn and press the controller.
The input field appears.

▶ To select the required characters: turn and press the controller for each one (▷ page 25).
Entering just part of the name of a track or artist is enough. The search result then displays the entire text .

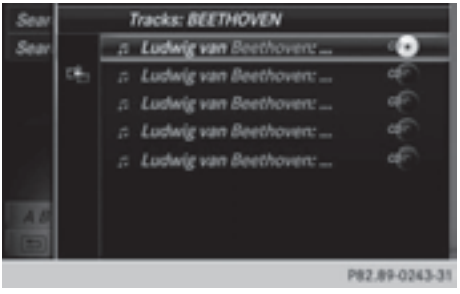
▶ Select ok .
The search results are displayed.
The numbers behind the results, as shown in the example Tracks (5/0), mean: 5 results that contain the exact keyword searched for and 0 results that are similar.

▶ 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 one entry, e.g. Artists.
Album list and covers (if available) are shown.

ⓘ There is a database for iPod® and for each of the other media sources (CD, USB, SD card). During the search the relevant database is accessed depending on the active media source.

▶ Select an album.
The tracks are listed.



▶ Select a track.
The basic display appears and playback starts.

Bluetooth® audio mode

Connecting Bluetooth® audio devices

Prerequisites

▶ Activate the Bluetooth® function in COMAND (▷ page 40).

Bluetooth® audio mode requires a Bluetooth®-capable audio device.

Check your Bluetooth® audio device for the following (see the Bluetooth® audio device'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. To make a clear selection of the Bluetooth® device possible, we recommend 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, COMAND even finds the Bluetooth® device when it is not visible.

▶ The Bluetooth® function in COMAND must be activated (▷ page 40).

General notes

Before using your Bluetooth® audio device with COMAND 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 105)
- in the Bluetooth® device list (▷ page 182)

Mercedes-Benz recommends authorizing a mobile phone in Bluetooth® telephony (▷ page 106).

ⓘ If the mobile phone that is connected only supports two Bluetooth® profiles at the same time, COMAND 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

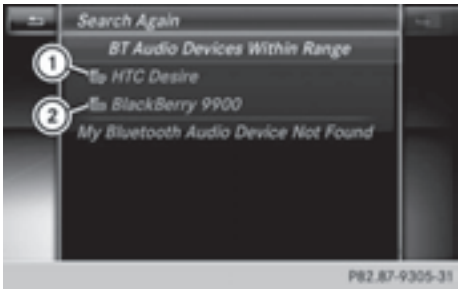
▶ Press the MEDIA button.

▶ To select Bluetooth Audio in the menu: 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.
The To connect an audio device, make sure that: 1. The telephone is switched on. 2. The BT Audio function is activated and the audio device is visible via BT. (For details, see the audio device's operating instructions or visit www.mercedes-benz.com/connect). message appears.

▶ Select Start Search.
COMAND 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.

ⓘ With some Bluetooth® audio devices, playback must first be started on the device itself so that COMAND 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 106).
After successful authorization, the Bluetooth® audio device is connected and starts playing.

Option 2: Secure Simple Pairing

ⓘ The Bluetooth® audio device must support Bluetooth® version 2.1 for connection via Secure Simple Pairing. COMAND creates a six-digit code, which is displayed 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 COMAND 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 COMAND 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 your Bluetooth® audio device can locate COMAND.

The Bluetooth® device name for COMAND is MB Bluetooth.

- ▶ Switch on Bluetooth® audio mode (▷ page 185).
- ▶ 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.
  A message appears.

Authorizing

- ▶ Start the authorization on the Bluetooth® audio device; see the operating instructions of the Bluetooth® audio device.
  After successful authorization, the Bluetooth® audio device is connected and starts playing.

With some Bluetooth® audio devices, playback must first be started on the device itself so that COMAND can play the audio files.

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 player is then connected.

ⓘ For an automatic connection with COMAND, the telephone must be within range.

For most Bluetooth® audio devices, the "automatic connection" must be activated by checking a box. Depending on the device used, this prompt often takes place when authorizing (see the Bluetooth® audio device operating instructions).

If the No Bluetooth Audio Device Connected message appears, you have two options to reconnect the Bluetooth® audio device.

Option 1:

- ▶ To select Connect Last Used Player in the basic display: press the controller.
  If COMAND can locate the Bluetooth® audio device, it will be connected and will start playing.

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 separated (▷ page 105).

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.

To display 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

- Press the MEDIA button.
- To select Bluetooth Audio in the menu: turn and press the controller.
  COMAND 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, the connection with the Bluetooth® audio device is terminated (▷ page 105). In the Bluetooth® audio basic display (▷ page 185) 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 COMAND (▷ page 141).

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:** briefly 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/selection window.

Increasing the volume using COMAND

▶ 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 198).

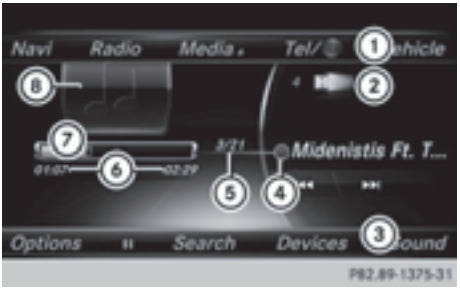
Operation with the Media Interface

Prerequisite

Media Interface is a universal interface for the connection of mobile audio and video devices. Media Interface in COMAND 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 Display for the active data medium
③ Media menu bar
④ Title display in the media list
⑤ Current track/number in track list
⑥ Numerical time display
⑦ Graphic time display
⑧ Additional display area with cover view

Switching to Media Interface

Switching on automatically

▶ Connect a data medium to USB port 1 or USB port 2.

▶ Make sure that the Media Interface 1 or Media Interface 2 basic menu is activated.
If playable media files are found, they will be played by COMAND.

If you remove a device, the No Device Connected message appears.

Further options for switching on

- Using the number keypad: (▷ page 171)
- Using the main function bar: (▷ page 171)
- Using the device list: (▷ page 171)
- Using the MEDIA button: (▷ page 170)

Supported devices

The following data media can be connected to COMAND via the Media Interface:

- iPod®
- iPhone®
- iPad®
- MP3
- USB devices

ⓘ It is not possible to run two Apple® devices simultaneously.

ⓘ iPod®, iPhone® and iPad® are registered trademarks of Apple Inc., Cupertino, California, USA.

ⓘ Audio files, photos and video files can be played back.

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
Video	mpeg, wmv, mov, avi, mp4
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 ◂◎▸ 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 appears.

▶ To select Search: turn and press the controller.
The category list appears.

Overview

The following categories are listed:

- Current Tracklist
- Folder
- Selecting by cover
- Keyword Search
- Playlists
- Artists
- Albums
- Tracks
- Genres
- Year

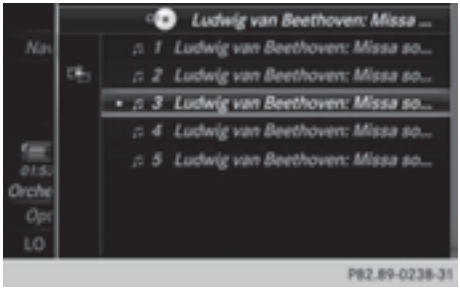
- Composers
- Videos
- Photos
- Podcasts
- Audiobücher (Audio Books)
- iTunes U
- Genius Mixes

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.

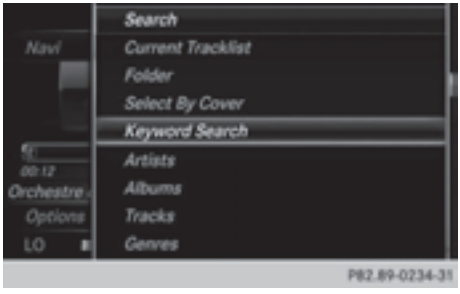
The categories Audiobooks, Podcasts, iTunes U® and Genius Mixes® are only available for Apple® devices.

When connecting Apple® devices, the categories “Folder”, “Year”, "Videos" and “Photos” are not available.



▶ 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.

The search results are displayed according to available categories, and can then be selected (▷ page 181).

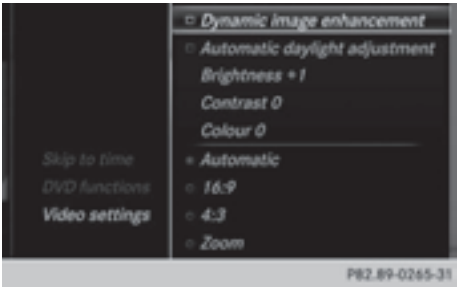
Playback options

▶ To select a playback option: with a media source connected, slide ◎ the controller. The media menu bar is shown.

▶ To select Options: turn and press the controller.

▶ Select playback options (▷ page 176).

Video function



If playable video files are found, they will be played by COMAND.

- ▶ To switch on full-screen mode: press the controller in the basic display.
- ▶ To show the video menu: slide ◎⬇ the controller in full-screen mode.
  The Media Interface menu bar appears.
- ▶ To select Options: turn and press the controller.
- ▶ Select Video Settings.
  Operate Video Settings (▷ page 192).

Video DVD mode

Important safety notes

⚠ **WARNING**

The CD/DVD drive is a class 1 laser product. If you open the housing of the CD/DVD 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.

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) every second.

General notes

Notes on discs

! Do not affix stickers or labels to the discs. They could peel off and damage COMAND. Stickers can cause the disc to bend, which can result in read errors and disc recognition problems.

! COMAND is designed to play discs that comply with the EN 60908 standard. Therefore, you can only use discs with a maximum thickness of 1.3 mm.

If you insert thicker discs, e.g. those that contain data on both sides (DVD on one side and audio data on the other), they cannot be ejected and can damage the device.

Only use round discs with a diameter of 12 cm. Do not use discs with a diameter of 8 cm, even with an adapter.

The variety of data media, burners and burn software means there is no guarantee that the system will be able to play discs that you have copied yourself.

DVD playback conditions

If video DVDs do not conform to the NTSC or PAL TV standards, they may create picture, sound or other problems during playback.

COMAND is capable of playing back video DVDs produced according to the following standards:

- Region code 1 or region code 0 (no region code)
- PAL or NTSC standard

You will generally find the relevant details either on the DVD itself or on the DVD case.

ⓘ If you insert a video DVD with a different region code, a message to this effect appears.

ⓘ COMAND is set to region code 1 at the factory. This setting can be changed at an authorized Mercedes-Benz Center. It is also possible to play video DVDs with a different region code, provided that they are produced in accordance with the PAL or NTSC TV standard. The region code can be changed a maximum of four times.

Control options

There are several control menus available in video DVD mode.

Most DVDs have their own control menu.

The DVD's control menu is operated directly using the controller or DVD functions.

Control menu and function	Operation
• DVD's control menu Selection of title, scene, language, subtitles ...	Operation with the controller
• Menu Options Selection of brightness, contrast, color, format	Operation using the menu bar/options/video settings
• Video menu Selection of scene, fast forward/rewind	In full-screen mode, slide ◎⬇ the controller
• DVD functions Selection of title, scene, language, subtitles ...	In full-screen mode, press the controller

Function restrictions

Depending on the DVD, certain functions or actions may not function at all. The symbol ⃠ appears in the display.

Switching to video DVD mode

- Insert and eject a disc from the single drive (▷ page 174)
- Insert a disc into the DVD changer (▷ page 174)

Further options for switching on:

- Use the number keypad (▷ page 171)
- Use the main function bar (▷ page 171)
- Use the device list (▷ page 171)
- Use the MEDIA button (▷ page 170)

DVD basic display

① Status bar
② Main function bar
③ Main display field
④ Media menu bar

The DVD basic display appears once the DVD has been inserted.

DVD full-screen mode

Once the DVD has been inserted, the disc is played.

▶ **To set full-screen mode**: slide ⬆◎ the controller.
The main function bar and menu bar are hidden. A full-screen symbol will be shown.

▶ Press the controller.
The full-screen mode appears.

▶ **To show the DVD basic display in full-screen mode:** slide ◎⬇ the controller.
The video menu appears.

▶ Press the controller.
The basic display appears.

Menu options

▶ **To select options:** in full-screen mode, slide ◎⬇ the controller.
The video menu appears.

▶ Press the controller.
The DVD basic display appears.

▶ To select Options in the menu bar: turn and press the controller.
The Options menu appears.

DVD functions

▶ To select DVD Functions: turn and press the controller.
A menu appears (▷ page 193).

Video settings

Dynamic image enhancement

The Dynamic Image Enhancement function automatically matches Brightness, Contrast and Color to the film being played.

▶ To activate or deactivate: check or uncheck the box in front of Dynamic Image Enhancement.

Manual image enhancement

In order to manually adjust the brightness, contrast and color, the dynamic image enhancement function must be switched off.

▶ To select Brightness, Contrast or Color: turn and press the controller.
A sliding menu appears.

▶ To select the required value: turn the controller.

▶ To exit the sliding menu: slide ◎← the controller.

▶ To switch the Automatic Daylight Adjustment on/off: press the controller.

Setting the picture format

The following options are available for the screen format for the DVD being played:

- Auto;
- 16:9;
- 4:3;
- Zoom.

▶ To set the picture format: turn and press the controller.
The dot before the menu entry shows the selected format.

DVD's control menu

Most DVDs have their **own control menu** which can be operated using the controller.

Showing the DVD's control menu

- To select Menu from the DVD overlay menu: turn and press the controller.
  The menu of the DVD overlay menu is hidden and the DVD's menu entries (e.g. scenes, language, trailers) are displayed.
- To select a menu entry: slide and press the controller.

Video menu

① Type of data medium
② Current title
③ Shows the menu bars for the DVD basic display
④ Current scene
⑤ Track time

Operating the video menu

- To show: in full-screen video mode, slide ◎ the controller.
- To hide: slide ◎ the controller.
- To select the next/previous scene: turn the controller clockwise/counter-clockwise.
- To fast forward/rewind: slide ◎ and hold the controller until the desired position has been reached.
- To hide the video menu: slide ◎ the controller.
- To show the menu bars for the DVD basic display: press the controller.
  The video menu is hidden and the DVD basic menu appears.

DVD overlay menu

Showing/hiding the DVD functions

- **To show** the DVD overlay menu: in full-screen video mode, press the controller.
  The DVD overlay menu is shown.
- **To hide:** select ⮌ in the DVD overlay menu by turning and pressing the controller
- **To show the DVD basic display:** select ⌂ in the DVD overlay menu by turning and pressing the controller.

Overview of DVD overlay menu

① Activates DVD control menu
② Hides the DVD overlay menu
③ Shows the DVD basic display
④ Confirms entry in control menu
⑤ Navigates DVD lists
⑥ Jumps to the start of the scene
⑦ Displays camera perspectives
⑧ Shows subtitles
⑨ Selects language
⑩ Stop function
⑪ Pause function

Operating the DVD's own menu with the DVD overlay menu

- ▶ In full-screen mode, press the controller
  The DVD overlay menu is shown.
  It is possible to navigate within the DVD's own control menu using the arrows in the upper bar of the DVD overlay menu.
- ▶ To select the ← ↑ ↓ → arrow to navigate in the DVD's own menu: turn the controller.
  The active arrow is highlighted.
- ▶ To select the arrow: press the controller.
  The next menu entry in the direction of the arrow is highlighted.
- ▶ To select OK in the DVD overlay menu: turn the controller.
  Select the menu item in the DVD's own menu.
- ▶ Press the controller.
  The selected DVD scene is played.
- ▶ To hide the DVD overlay menu: select ⮌ using the controller.
- ▶ Press the controller.
  The DVD overlay menu is hidden.

If there are functions, such as **Display camera perspectives** on the DVD, these are shown in the DVD overlay menu.

- ▶ To call up Display camera perspectives: turn and press the controller

Stop function

- ▶ Show the DVD overlay menu (▷ page 193).
- ▶ **Interrupting playback**
  To select ■ in the menu of the DVD overlay menu: turn and press the controller.
  The ❚❚ display changes to ▶. The video image is hidden.
- ▶ **To continue playback:** select ▶.
  Playback continues from the point where it was interrupted.
- ▶ **To stop playback:** select ■ again while playback is interrupted.
- ▶ **To start playback again:** select ▶.
  Playback restarts from the beginning.

Pause function

- ▶ Show the DVD overlay menu (▷ page 193).
- ▶ **Pausing playback**
  To select ❚❚: turn and press the controller.
  The ❚❚ display changes to ▶.
- ▶ **To continue playback:** select ▶.

Selecting a scene/chapter

If the film is divided into scenes or chapters, these can be selected directly while the film is running, or skipped forwards step by step. This is not possible at certain points for some DVDs (e.g. during the opening credits).

It may also be possible to select the scene/chapter from the functions stored on the DVD.

- ▶ **To skip forwards or back:** in the video menu, turn the controller.

or

- ▶ Press the ⏮ or ⏭ button.
  The next or previous scene in the film is skipped to.

ⓘ The DVD overlay menu can also be used to make selections (▷ page 193)

Picture viewer

General notes

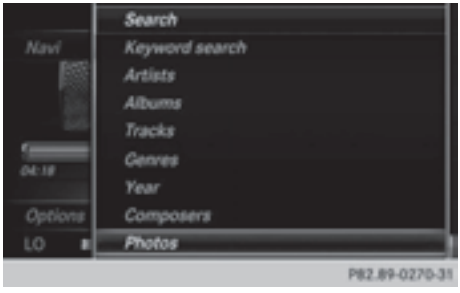
If pictures are stored on a medium (except on Apple® devices) which is connected to COMAND, you can view these on the COMAND display.

The following data media and picture formats are supported:

- **Data media:** CD, DVD, USB devices, SD memory cards
- **Picture formats:** jpeg, jpg, bmp, png

The maximum image resolution is 20 megapixels for jpeg, jpg and 1.5 megapixels for bmp, png.

Displaying pictures



▶ In the media basic display, press the controller.
The Search with a category list appears.

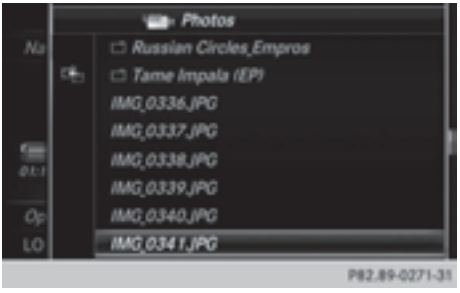
▶ To select Photos in the category list: turn and press the controller.
A directory list appears. Folders and picture files can be shown.

▶ 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.
  COMAND returns to the last accessed media function.

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Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

Sound settings

Calling up the sound menu

You can make various sound settings for the different audio and video sources. It is possible to set more bass for radio mode than for audio CD mode, for example. The respective sound menu can be called up from the menu of the desired mode.

- ▶ Switch to radio mode (▷ page 158).

or

- ▶ Switch to media mode (▷ page 170).
- ▶ To display the menu bars: slide ◎⬇ the controller.
- ▶ To select Sound in the menu bar: turn and press the controller.
  The menu appears with the last setting accessed, e.g. Balance/Fader.

Sound menu overview

Function	Options
Equalizer	Sets treble, mid-range and base
Balance/fader	Adjusts the volume: right/left and front/rear

Setting treble, mid-range and bass

- ▶ Call up the sound menu (▷ page 198).
- ▶ 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

Balance adjusts the volume left and right. Fader adjusts the volume in the front and rear.

For the best sound, setting 0 is recommended.

- ▶ Call up the sound menu (▷ page 198).
- ▶ 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: slide ←◎ or ◎→ the controller.
- ▶ To adjust the fader: slide ◎↓ or ↑◎ the controller.
- ▶ To return to the basic menu: press the ⮌ button briefly.

Harman Kardon Logic7 surround sound system

General notes

The harman/kardon® Logic7® surround sound system has a total output of 610 watts and is equipped with 14 loudspeakers.

The harman/kardon® Logic7® surround sound system is available for all functions in the radio and media modes.

The harman/kardon® Logic7® surround sound system is available for the following operating modes:

- radio (FM only)
- satellite radio
- audio CD
- MP3 (including SD memory card and USB storage device)
- Media Interface
- Bluetooth® audio mode
- video DVD (PCM, DTS® and Dolby® Digital audio formats)

ⓘ For the best sound, CD or WAV CD format is recommended. For data-reduced media, AAC with a data rate of 320 kbit/s is recommended.

Discs which support the audio formats mentioned have the following logos:

ⓘ Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

ⓘ For DTS patents see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol & DTS and the Symbol together are registered trademarks, and DTS Digital Surround is a trademark of DTS, Inc. © DTS, Inc. All rights reserved.

Calling up the sound menu

You can make various sound settings for the different audio and video sources. It is possible to set more bass for radio mode than for audio CD mode, for example. The respective sound menu is called up from the menu of the desired mode.

- ▶ Switch to radio mode (▷ page 158).

or

- ▶ Switch to media mode (▷ page 170).
- ▶ To switch to the menu bar: slide ◎↓ the controller.
- ▶ To select Sound: turn and press the controller.
  The menu appears with the last setting accessed, e.g. Balance/Fader.

Overview of harman/kardon® Logic7® surround sound system

Function	Options
Equalizer	Sets treble, mid-range and base
Balance/fader	Adjusts the volume: right/left and front/rear
Logic 7	Optimizes the sound playback

Setting treble, mid-range and bass

- ▶ Call up the sound menu (▷ page 199).
- ▶ Turn the controller until Equalizer is in the center.
- ▶ 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.
  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.

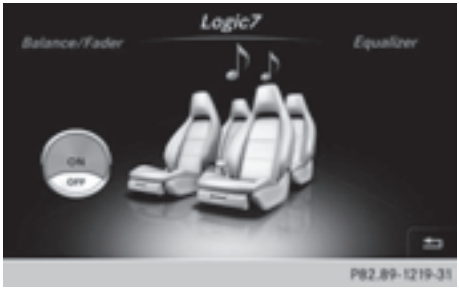
Adjusting the balance/fader

Balance adjusts the volume left and right. Fader adjusts the volume in front and rear.

For the best sound, setting 0 is recommended.

- ▶ Call up the sound menu (▷ page 199).
- ▶ Turn the controller until Balance/Fader is in the center.
- ▶ Slide ◎⬇ the controller.
- ▶ To activate the menu for balance and fader: press the controller.
- ▶ To adjust the balance: slide ⬅◎ or ◎➡ the controller.
- ▶ To adjust the fader: slide ◎⬇ or ⬆◎ the controller.
  An image shows the sound focus set.
- ▶ To return to the basic menu: press the ⮌ button briefly.

Setting surround sound



The Logic7 setting optimizes the sound playback.

- ▶ Call up the sound menu (▷ page 199).
- ▶ Turn the controller until Logic7 is in the center.
- ▶ Slide ◎⬇ the controller.
  The left-hand rotary menu to switch surround sound on and off is activated.
- ▶ To activate Logic7: turn the controller until ON is active.

or

- ▶ To deactivate Logic7: turn the controller, until OFF is active.
- ▶ To return to the menu: slide ⬆◎ the controller.
- ▶ To return to the basic menu: press the ⮌ button briefly.

For the optimum audio experience for all passengers when Logic7® is switched on, the balance settings should be set to the center of the vehicle interior.

MP3 tracks should have a bit rate of at least 128 kbit/s.

Surround sound playback does not function for mono signal sources, such as for AM radio mode.

If radio reception is poor, e.g. in a tunnel, you should switch off Logic7®, since it may otherwise switch dynamically between stereo and mono and cause temporary sound distortions.

Bang & Olufsen BeoSound

General notes

The Bang & Olufsen BeoSound AMG sound system has a total output of 1400 watts and is equipped with 14 loudspeakers.

The Bang & Olufsen BeoSound AMG sound system is available for all functions in the radio and media modes.

The following modes are available for the Bang & Olufsen BeoSound AMG sound system:

- radio (FM only)
- satellite radio
- audio CD
- MP3/AAC
- Media Interface
- Bluetooth® audio mode
- video DVD (PCM, DTS® and Dolby® Digital audio formats)

ⓘ For the best sound, CD or WAV CD format is recommended. For data-reduced media, AAC with a data rate of 320 kbit/s is recommended.

ⓘ Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

ⓘ For DTS patents see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol & DTS and the Symbol together are registered trademarks, and DTS Digital Surround is a trademark of DTS, Inc. © DTS, Inc. All rights reserved.

Calling up the sound menu

You can make various sound settings for the different audio and video sources. It is possi-

ble to set more bass for radio mode than for audio CD mode, for example. The respective sound menu is called up from the menu of the desired mode.

▶ Switch to radio mode (▷ page 158).

or

▶ Switch to media mode (▷ page 170).

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

▶ To select Sound: turn and press the controller.
The menu appears with the last setting accessed, e.g. Balance/Fader.

Bang & Olufsen BeoSound AMG sound system

Function	Options
Equalizer	Sets treble, mid-range and base
Balance/fader	Adjusts the volume: right/left and front/rear
True Image	Sets a sound profile in the vehicle
Sound Mode	Optimizes the sound playback

Setting treble, mid-range and bass

▶ Call up the sound menu (▷ page 201).

▶ Turn the controller until Equalizer is in the center.

▶ Slide ◎⬇ the controller.
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

Balance adjusts the volume left and right. Fader adjusts the volume in front and rear.

For the best sound, setting 0 is recommended.

▶ Call up the sound menu (▷ page 201).

▶ Turn the controller until Balance/Fader is in the center.

▶ 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.

▶ To return to the basic menu: press the ⮌ button briefly.

Setting the sound profile

With the Sound Profile setting, you can select between two defined sound settings.

Sound profiles	Description
Reference	High-end sound setting for faithful audio playback
Surround	Optimum setting for LIVE and concert recordings

- ▶ Call up the sound menu (▷ page 201).
- ▶ Turn the controller until Sound Profile is in the center.
- ▶ Slide ◎⬇ the controller.
  The rotary menu to select the sound profile is activated.
- ▶ To select Sound Profile: turn the controller until the desired sound profile is activated.
- ▶ To return to the menu: slide ⬆◎ the controller.
- ▶ To return to the basic menu: press the ⮌ button briefly.

Sound playback for individual seats

For the best sound, the specific seats will need to be set.

- ▶ Call up the sound menu (▷ page 201).
- ▶ Turn the controller until VIP & BAL Selection is in the center.
- ▶ Slide ◎⬇ the controller.
  The rotary menu is activated.
- ▶ To set the desired VIP & BAL Selection: turn the controller.
  The segment, text and image show the selected setting.
- ▶ To return to the menu: slide ⬆◎ the controller.
- ▶ To return to the basic menu: press the ⮌ button briefly.

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Weather forecasts 206

Your COMAND equipment

These operating instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described. This also applies to safety-relevant systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. Should you have any questions concerning equipment and operation, please consult an authorized Mercedes-Benz Center.

Weather forecasts

Introduction

This function is currently not available for Canada.

For the reception of weather forecasts via satellite radio, you will need a SIRIUS XM Satellite Weather subscription.

If the message: `Call SIRIUS to activate system at: 888-539-7474 ESN: SIRIUS ID` appears along with the ID number of the SIRIUS device, you will need to have the weather service activated first.

- ▶ To select `Call` or `Cancel`: turn and press the controller.
  If a mobile phone is connected to COMAND (▷ page 104), the call will connect to a SIRIUS service employee after selecting `Call`. The ID number of the SIRIUS device will be transferred to the telephone display.
- ▶ This will be followed by instructions from the service employee.

COMAND can receive weather forecasts via satellite radio for the entire USA (including Alaska and Hawaii).

The received weather data can be displayed as an information chart (daily forecast, five-day forecast, detailed information) or on the weather map.

The weather data received from a weather station is stored in COMAND for one hour. It can therefore be displayed again immediately after restarting the engine (for example after refueling).

Depending on which scale has been selected, the weather map can display the following weather data with symbols:

- rain radar
  The rain radar cannot be displayed for Alaska, Hawaii and Puerto Rico.
- storm characteristics
- high and low-pressure areas, weather fronts
- course of tropical cyclones (hurricanes, typhoons)
- gale warnings
- wind direction and speeds

ⓘ Hurricane: term used to describe the tropical cyclones that primarily develop in the Atlantic, North Pacific and South Pacific oceans. The wind speeds are above 74 mph (118 km/h). Five categories are used to classify the strength of a hurricane.

Typhoon: term used to describe a tropical cyclone that develops in the northwestern Pacific. The wind speeds are in the category of a hurricane.

Switching the SIRIUS Weather display on/off

Activating

▶ Press the TEL button.
▶ To select TEL/ in the main function bar: slide , turn and press the controller.
The menu for selecting telephone and Internet applications appears.
▶ To select SIRIUS Weather: turn and press the controller.
The information chart shows the daily forecast at the current vehicle position.

You see the following information:

- the date and time of the weather message received last
- information on the current weather (temperature, cloud cover) and forecast for the next 3, 6, 12 hours
- the current highest temperature and forecasts
- the current lowest temperature and forecasts
- the probability of rain

Switching to the 5-day forecast:

▶ To select Current: turn and press the controller.
A menu appears.
▶ Select 5-Day.
The information chart displays the forecast for the next five days in the currently selected location.

Returning to the current-day forecast:

▶ To select 5-Day: turn and press the controller.
A menu appears.
▶ Select Current.
The information chart shows the forecast for the current day again.

Deactivating

▶ Press .

Displaying detailed information

Besides the current temperatures, you can display information such as wind speeds and UV index.

▶ To select Current or 5-Day in the current-day or 5-day forecast: turn and press the controller.
A menu appears.
▶ Select Info.
The information chart shows detailed information for the selected area.

Selecting the area for the weather forecast

Introduction

You can select the weather forecasts for:

- the current vehicle position
- vicinity of the destination
- a winter sports area
- an area within the USA

You can select a location in the information chart (option 1) or in the map (option 2). You can store frequently selected locations in the memory (▷ page 209).

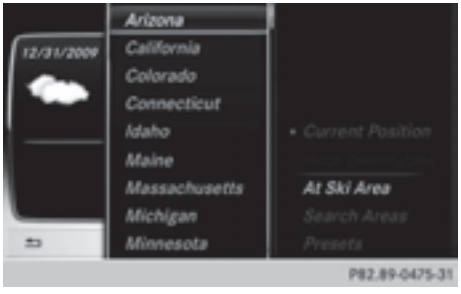
ⓘ COMAND receives the data for the weather forecasts from the nearest weather station to the selected location.

Option 1: selecting the area in the information chart

- ▶ To select Location in the information chart: turn and press the controller.
- ▶ **To select the current vehicle position:** select Current Position in the menu. COMAND receives the weather data for the current vehicle position from the nearest weather station and displays it automatically.

Requirement for "Near destination": a route to a destination has been calculated (▷ page 61). The menu item is otherwise grayed out.

- ▶ **To select the vicinity of the destination:** select Near Destination: turn and press the controller.



- ▶ **To select a winter sports area:** select At Ski Area from the menu: turn the controller and press to confirm.
- ▶ Select a state, e.g. Colorado.
- ▶ Select a winter sports area from the menu. The weather data and other information is displayed for the winter sports area that has been selected. The data is supplied by the nearest weather station.

The information chart shows the following information (if available):

- ski slopes/ski lifts
- snowboarding and nighttime opening
- snow conditions (e.g. snow depth)
- temperature

The status of a facility is indicated as follows:

- green tick - open
- red cross - closed
- question mark - not known

Example: city list with character bar

Entry limitation: searching for a location using the character bar is not possible while driving.

- ▶ **To search for a location:** select Search Areas: turn the controller and press to confirm.
- ▶ Select Other States (U.S.) or At Current State/Province.
  Depending on the selection, the list of states or cities will appear with the character bar. You can limit the search using the character bar.

- To select state/province or city: enter the first few letters by turning and pressing the controller.
- To switch to the list without the character bar: slide ↑◎ or select ok.
- To delete an entry: select CLR in the character bar and press the controller.
  Pressing briefly deletes the last letter entered.
  Pressing and holding longer deletes the entire entry.
- To select the state/province or city from the list: turn and press the controller.
  After selecting a state (or province) the list of locations appears.
  After selecting a location, the information chart displays the weather forecast for the selected location. The data is supplied by the nearest weather station.

Option 2: selecting the area in the weather map

- Call up the weather map (▷ page 209).
- Move the weather map so that the crosshair is over the desired area (▷ page 210).
- Press the controller.
  The information chart shows the weather forecast for the selected area. The data is supplied by the nearest weather station.

Memory functions

Storing the area in the weather memory

You can save locations that are called up frequently in ten preset positions (0, 1-9) in the weather memory.

- **In the weather memory:** select the area for the weather forecast (▷ page 207).
  The selected location appears at the top in the status bar.
- To select Location in the information chart: turn and press the controller.
- Select Preset.
- Select a preset using the controller.
- Press and hold the controller until you hear a tone.
  The area is entered on the selected preset.
- **To store rapidly:** in the daily forecast (▷ page 206) press and hold a number key, e.g. 2 ABC, until the preset position number is shown in the status bar in front of the area name.

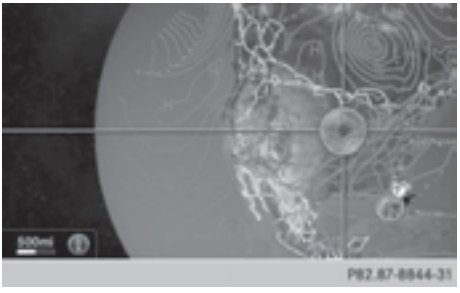
ⓘ You can also use this function in the five-day forecast (▷ page 206), and in the detailed information view (▷ page 207).

Selecting an area from the weather memory

- **Directly from the weather memory:** select Location from the information chart: turn and press the controller.
- Select Preset.
- Select the memory position which contains the location you require.
  The weather data for the selected area is displayed.
- **Quick select:** if a location is stored in the weather memory, for example when the current forecast display is active, briefly press a number key, e.g. 2 ABC.
  The weather data for the selected area is displayed.

Weather map

Calling up the weather map



▶ To select Map in the information chart: turn and press the controller.
The weather map is shown on a 500-mi (500-km) scale. The crosshair highlights the weather station that supplies the current weather data.

Moving the weather map

▶ Slide ↑◎↓ or ←◎→ the controller.
The weather map moves in the corresponding direction under the crosshair.

Changing the scale

▶ Turn the controller.
The scale bar appears.
▶ Turn until the desired scale is set.

Showing/hiding the menu in the weather map

▶ **To show:** press the controller.
▶ **To hide:** slide ↑◎ the controller.

Selecting a weather station in the map

▶ Move the weather map and crosshair to the desired position (▷ page 210).
▶ To show the menu: press the controller.
▶ To select Weather Table : press the controller.
COMAND receives the weather data for the selected position from the nearest weather station and displays it automatically as a daily forecast.

Switching layers on the map on/off

You can switch on different layers, for example to display the rain radar, weather fronts and the course of tropical storms on the map.

▶ Display the menu on the weather map (▷ page 210).
▶ To select View: turn and press the controller.
▶ Select a layer.
Switch the display on ☑ or off ☐.

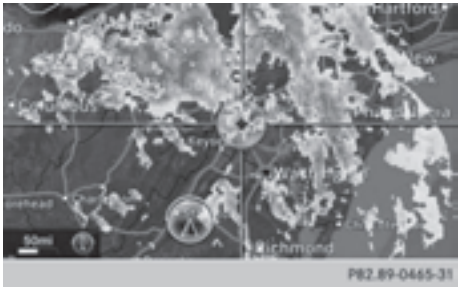
Explanation of the layers on the weather map

- Menu item Radar Map
  Displays the rain radar as a colored area in all map scales. For an explanation of the colors, see the legend (▷ page 213).
- Menu item Storm Characteristics
  Displays the characteristics of a storm in all map scales:
  - tornadic storm:
    storm cell with strong winds (super cell), from which a tornado can develop. Tornadoes are also known as twisters.
  - cyclone:
    storm cells from which a tornadic storm can develop
  - hailstorm
  - the likelihood of a hailstorm
- Storm watch areas
  Shows areas for which storm advisories have been issued (red areas). It is shown in

map scales 50 mi (50 km), 200 mi (200 km) and 500 mi (500 km).

- Menu item Atmospheric Pressure
  Shows the position of high and low-pressure areas (H, L), weather fronts and isobars It is shown in map scales 200 mi (200 km) and 500 mi (500 km).
- Menu item Tropical Storm Tracking
  Shows the direction and speed of propagation (track) of a tropical storm in all map scales with information on times and intensity.
- Menu item Winds
  Shows the wind direction and wind speed in map scale of 5 mi (5 km).

Sample displays of weather data in the map



Displaying the rain radar:

▶ Activate the Radar Map display level (▷ page 210).
The rain radar image is then displayed if weather data is available.

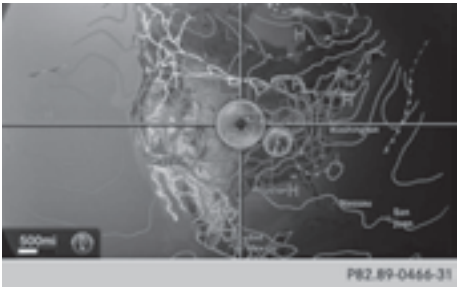
ⓘ You can call up the legend for the precipitation radar (▷ page 213).
The transparency of the precipitation radar map display level can be adjusted in five stages.

Displaying storm characteristics:

▶ Activate the Storm Characteristics display level (▷ page 210).
If weather data is available, the weather map will then display the storm characteristics.
You can call up the legend for storms (▷ page 213).
The following information on a storm cell is displayed (if available):

- characteristics of the storm cell
- date and time of observation (time stamp)
- directional movement speed and path

Propagation speed: the speed at which the storm cell is advancing.



Displaying weather fronts:

▶ Activate the Atmospheric Pressure display level (▷ page 210).
If weather data is available, the weather map will then display the weather fronts.
The example shows the position of high and low-pressure areas (H, L), weather fronts and isobars. Isobars are lines that show where the air pressure is the same.

Legend: weather fronts

Weather front	Explanation
Cold front (blue line with blue triangles)	If a cold front moves in, the weather remains changeable and there are often rain showers and thunderstorms. The air temperature decreases.
Warm front (red line with red semi-circles)	A warm front may cause more prolonged steady rain, more cloud cover and a slow rise in temperature.

Weather front	Explanation
Stationary front (red and blue line with red semi-circles and blue triangles)	The weather front moves minimally. The weather remains changeable in this area.
Occlusion (purple line with purple semi-circles and triangles)	When the faster cold front catches up and joins the warm front ahead of it, an occluded front is formed. The weather remains changeable and rainy within an occlusion.

Displaying the track of a storm:

▶ Activate the Tropical Storm Tracking display level (▷ page 210).
If weather data is available, the weather map will then display the track of the storm.
Example: in the middle of the map you can see the current position of the tropical low-pressure area (cyclone). To the right of this a solid line shows the previous path with positions and times. The forecast for the direction of propagation is shown by a dotted line with positions and times.

You can find out more information about cyclones in the Storm Guide (▷ page 214).
Showing information (if available):

- name of the tropical storm and category
- time stamp
- directional movement speed and path
- maximum wind speed

Propagation speed: the speed at which the storm cell of a tropical cyclone is advancing.

A tropical storm is separated into different categories according to the location at which it develops.

Region of origin	Category
Atlantic, North and South Pacific Oceans	Tropical Rain Zone
Atlantic, North and South Pacific Oceans	Tropical Depression
Atlantic, North and South Pacific Oceans	Name of tropical storm Name_LP10 (Tropical Storm)
Atlantic, North and South Pacific Oceans	Name of tropical storm (Hurricane Category 3) Displays hurricane categories 1 through 5
Northwestern Pacific Ocean	Tropical Rain Zone
Northwestern Pacific Ocean	Name of tropical storm (Tropical Cyclone)

Region of origin	Category
Northwestern Pacific Ocean	Name of tropical storm (Typhoon)
Northwestern Pacific Ocean	Name of tropical storm (Super-Typhoon)

You can also see the time stamp for the weather data on map scales of 50 miles and smaller.

The weather map shows wind directions and wind speeds.

Legend (precipitation radar and storms)

- ▶ Display the menu on the weather map (▷ page 210).
- ▶ To select View: turn and press the controller.
- ▶ Select Legend.

ⓘ The symbol for a tornadic storm is also valid for a cyclone (mesocyclone).

Precipitation type	Color scale
Rain	Eleven shades from light (light green) to heavy (red)
Mixed	Light (light violet) to heavy (violet)
Snow	Light (light turquoise) to heavy (turquoise)

Time stamp

The time stamp shows when the weather data was created by the weather station.

A time stamp corresponds to the time at the vehicle's current position. The changeover from summer time to standard time is performed automatically.

- ▶ Display the menu on the weather map (▷ page 210).
- ▶ To select View: turn and press the controller.
- ▶ Select Time Stamp.

Changing to the information chart

- ▶ Display the menu on the weather map (▷ page 210).
- ▶ To select Weather Table: turn and press the controller.

Storm Watch Box

Storm watch areas for which there are storm advisories are displayed as red areas on the weather map.

Activating/deactivating the display of areas in red:

- ▶ Display the menu on the weather map (▷ page 210).
- ▶ To select View: turn and press the controller.
  The list of display levels appears.

▶ Select Storm Watch.

▶ Select Show Sym. for Storm Areas on Map.
Depending on the previous setting, activate ☑ or deactivate ☐ the display of areas in red.

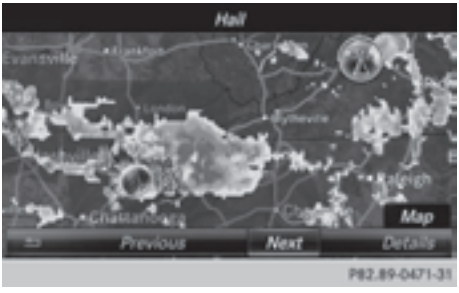
Activating/deactivating the automatic display of warning popups:

▶ Select Display Storm Watch Automatically.
Depending on the previous setting, activate ☑ or deactivate ☐ the automatic display of warning popups.

Setting the radius for the popups:

▶ Select 5 miles (5 km), 50 miles (50 km) or 200 miles (200 km).

Storm Guide



Displaying the Storm Guide:

▶ Display the menu on the weather map (▷ page 210).

▶ To select Guide: turn and press the controller.
A menu appears. The current storm is highlighted. There is information about the storm in the status bar.

▶ To select Next: turn and press the controller.
The next storm is marked.

▶ Select Previous.
The previous storm is highlighted.

Showing storm details:

▶ Select Details.
You see detailed information about the selected storm.