



COMAND

Operating Instructions

COMAND Operating Instructions



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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.

 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.

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

Dis- This font indicates a display in the multifunction display/COMAND display.

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Editorial office

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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.

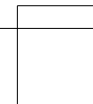
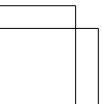
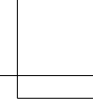
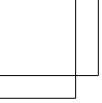
The Operator's Manual and all supplements are integral parts of the vehicle. You should always keep it in the vehicle and pass it on to the new owner if you sell the vehicle.

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

Mercedes-Benz USA, LLC

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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

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 vehicle 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

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

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Overview

Components



- ① COMAND display
- ② DVD changer or single DVD drive
- ② Single DVD drive
- ③ Touchpad (for COMAND with touchpad)
- ④ Controller

COMAND consists of:

- the display
 - The COMAND display has 960 x 540 pixels.
- the single DVD drive
- the buttons
- the controller
- the touchpad (for COMAND with touchpad)
- ports in the center console (2 x USB, SD card slot)

An iPod® is connected via USB cable.

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

Functions

- **HD FM radio and HD AM radio/satellite radio**
- **Media**
 - Media support: audio CD, MP3 CD, DVD video, two connection options for USB or Media Interface (e.g. iPod®), SD card,

Bluetooth® audio, 10.8 GB Media Register on the hard drive

- Music search using all media

- **Sound system**

You can select from two sound systems:

- Standard sound system
- Burmester® surround sound system

• Navigation system

- Navigation via the hard drive
- Destination entry using keyword search
- Realistic 3D map with textured city models
- Personal POIs and routes using SD memory card
- Navigation functions, e.g. Drive Information
- 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, Facebook, Google Street View™, 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, typhoons)

• Vehicle functions

- Vehicle settings, such as ambient lighting, belt adjustment and tow-away alarm
- 360° camera
- Rear view camera
- Climate control functions, such as climate mode, perfume atomizer and auxiliary heating
- DYNAMIC SELECT (individual drive program)

• Favorites button

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

Display

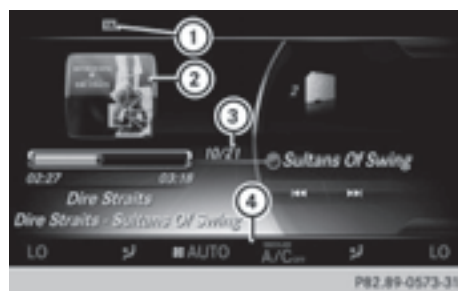
General notes

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

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

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

Overview



- ① Status bar with displays
- ② Cover view (if available)

- ③ Main display field
- ④ Climate control status display

The example shows media playback in SD memory card mode.

Cleaning instructions

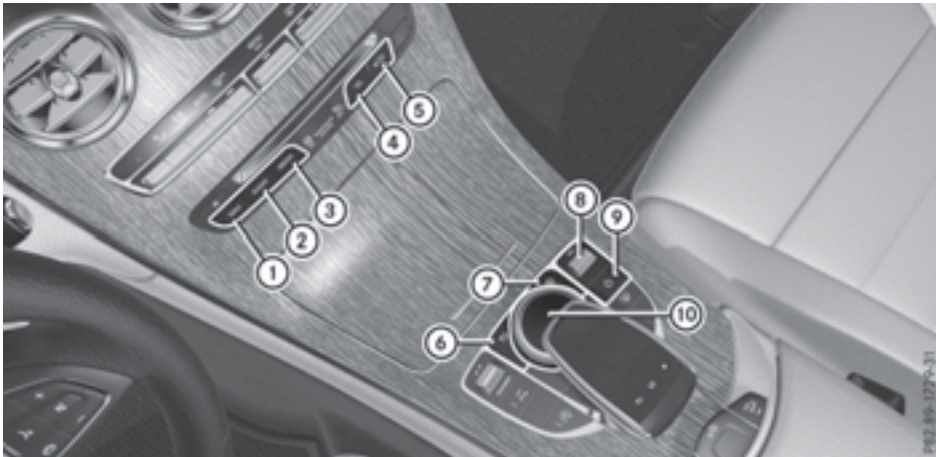
- ❗ Do not touch the display. The display has a very sensitive high-gloss surface; there is a risk of scratching. If you have to clean the screen, however, use a mild cleaning agent and a soft, lint-free cloth.

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 and LCD displays. Do not apply pressure to the display surface when cleaning it, as this could cause irreversible damage to the display. Then, dry the surface with a dry microfiber cloth.

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

Buttons and controller

Overview





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

Example shown with touchpad

Back button

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






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

Controller

The controller in the center console lets you:

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

The controller can be:

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

Favorites button

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

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

Other functions (▷ page 34).

Touchpad

For COMAND with touchpad: alternatively, you can use the touchpad to select and enter information (▷ page 24).

Multifunction steering wheel



- ① Multifunction display
- ② Right control panel
- ③ Left control panel

Right control panel



- Rejects or ends a call
- Exits the telephone book/redial memory



- Makes or accepts a call
- Switches to the redial memory



- Adjusts the volume



- Mute



- Switches on the Voice Control System (see the separate operating instructions)

Touchpad

Touchpad overview

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





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

Using the touchpad, you can:

- select menu items in the display (▷ page 25).
- enter characters (handwriting recognition) (▷ page 27).
- control the active audio source (▷ page 29).
- create, manage and call up favorites (▷ page 34).
- enter destinations in navigation
- save entries

Further information on operating the touchpad (▷ page 25).

Switching the touchpad on/off

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

Operating the touchpad

Selecting a menu item



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

You can navigate in lists or menus in this way.

Confirming a selection



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

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

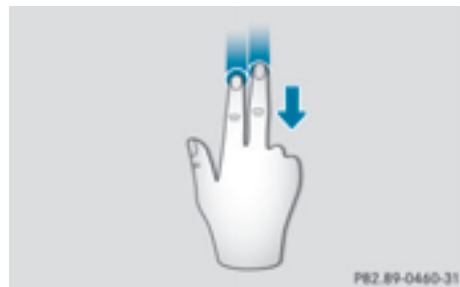
Calling up quick access for audio and telephone



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

Further information on quick access for audio and telephone (▷ page 29).

Hiding the quick access for audio and telephone



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

Operating the control for vehicle and sound settings



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

or

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

Moving the map



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



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

Zooming in on the map



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

Zooming out of the map



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

Handwriting recognition

Handwriting recognition overview



- ① Active input line
- ② Enters a space (▷ page 27)
- ③ Illustration of the touch-sensitive surface
- ④ Deletes characters (▷ page 28)

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

If the character that you have entered can be interpreted in different ways, these options are displayed. More information on the character suggestions (▷ page 27).

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





- ① To exit the menu
- ② To return to handwriting recognition
- ③ To use the phone book or text templates
- ④ To change the input line or the position of the cursor
- ⑤ To change the input language
- ⑥ To finish character entry

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

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

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

- ▶ Press the  button.
The vehicle menu is displayed.
- ▶ To select **System Settings**: slide  turn and press the controller.
A menu appears.
- ▶ To select **Read Out Handwriting Recognition**: turn and press the controller.
The text reader function is switched on or off .

Entering characters

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

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

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

More information on the character suggestions (▷ page 27).

Character suggestions

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

Entering a space

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

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

Deleting characters

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

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

Switching input line



- ▶ Press the touchpad. A symbol is shown.
- ▶ To select **[T/]**: swipe your finger to the left or right and press.
- ▶ To select the desired input line, swipe up or down and press. The selected input line is active and character entry can be continued.

Moving the cursor within the input line



- ▶ Press the touchpad. A symbol is shown.
- ▶ To select **[T/]**: swipe your finger to the left or right and press.
- ▶ To move the cursor, swipe to the left or right.

Changing the input language for handwriting recognition

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

- ▶ Press the touchpad. A symbol is shown.
- ▶ To select **[ABC]**: swipe your finger to the left or right and press. The list of available input languages appears.
- ▶ To select a language: swipe up or down and press. To select a language: swipe up or down and press. The input language for handwriting recognition has been changed.

Searching in lists

The phone book search is used as an example.

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

- ▶ Draw the letter on the touchpad surface. The first contact with the selected first character is highlighted in the phone book. Further information on handwriting recognition on the touchpad (▷ page 27).
- ▶ Draw additional letters on the touchpad surface one after another.
- ▶ **To complete the search and return to the phone book:** press the touchpad.

Switching between the controller and the touchpad as input device

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

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

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

Quick access for audio and telephone

Changing the station/music track



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

- ▶ Call up quick access (▷ page 25). The current audio source is displayed.
- ▶ To select the previous or next station or the previous or next music track, swipe to the left or right. The selected station or music track is played.

Sending DTMF tones

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

- ▶ Call up quick access during a call (▷ page 25).
- ▶ **To select the required characters:** swipe your finger to the left or right and press. Every character selected will be transmitted immediately.

Basic functions

Switches COMAND on/off

- ▶ Press the **[ON]** button on the center console to the right of the controller. 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.

Adjusts the volume

Adjusting the volume for media sources

- ▶ Turn the thumbwheel to the right of the controller.
- or
- ▶ Press the **[+]** or **[-]** button on the multifunction steering wheel. The volume of the media source currently selected changes.

Adjusting the volume for traffic announcements and navigation announcements

During traffic or navigation announcements:

- ▶ Turn the thumbwheel to the right of the controller.
- or
- ▶ Press the **[+]** or **[-]** button on the multifunction steering wheel.

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

Adjusting the volume for phone calls

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

- ▶ Turn the thumbwheel to the right of the controller.

or

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

- i** 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 thumbwheel to the right of the controller.

or

- ▶ Press the **☐** button on the multifunction steering wheel.

- i** 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.

Switching navigation announcements off and on again

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

- ▶ **To switch navigation announcements back on:** switch COMAND off and then on again (▷ page 29).

or

- ▶ Start a new route calculation (▷ page 69).

or

- ▶ Select **☐**: while route guidance is active, show the menu and press the controller (▷ page 87).

Basic menu displays



- ▶ 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.

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 ① or menu bar ②.

- ▶ **To select a menu item:** turn and press the controller.
Once you have selected a menu item in ①, the last menu set for the selected function appears.
Menu bar ② offers options in the current media mode.

Selecting the operating mode for a main function

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

In the telephone menu, you can:

- switch to telephone mode
- call up the address book
- call up the Digital Operator's Manual for the telephone



- ▶ Press the **TEL** button.
If telephone mode was the last mode selected, the telephone menu appears.
- ▶ **To call up the menu:** press the **TEL** button again.
or
- ▶ To select **Phone**: slide **↑** and press the controller.
A menu appears. **Phone** is at the front.
- ▶ To select **Address Book**, for instance, turn and press the controller.

Character entry (telephony)



Writing a text message is used as an example. Further information on writing a text message (▶ page 139).

- ▶ **To select a character:** turn and press the controller.
The character selected in character bar ② is entered into telephone number input line ①.
- ▶ **To delete a character:** switch to the bottom line of the character bar by sliding **⊙↓** the controller.
- ▶ To select **c**: turn and press the controller.
The character last entered is deleted.
- ▶ **To switch input line:** switch to the bottom line of the character bar by sliding **⊙↓** the controller.
- ▶ To select **↓**, turn and press the controller.
or
- ▶ Slide **↑** the controller repeatedly until the character bar disappears.
- ▶ **To select the input line for the text of the text message:** slide **⊙↓** and press the controller.
The input line for the text of the text message is selected. The character bar has been adapted for entering text.



- ▶ **To select a character:** turn and press the controller.
The character selected in character bar ④ is entered into text message input line ③.
- ▶ **To delete a character:** switch to the bottom line of the character bar by sliding ②↓ the controller.
- ▶ To select **[c]**, turn and press the controller.
The character last entered is deleted.
- ▶ **To delete an entire entry:** switch to the bottom line of the character bar by sliding ②↓ the controller.
- ▶ To select **[c]**, turn the controller.
- ▶ Press and hold the controller until the entire entry is deleted.
- ▶ **To change the country setting of the character bar:** switch to the bottom line of the character bar by sliding ②↓ the controller.
- ▶ To select **[🌐]**, turn and press the controller.
The available languages are displayed.
- ▶ Turn and press the controller.

Further functions available in the character bar

Symbol	Function
[...]	Switches between digits and symbols
[ABC]	Switches the character bar to uppercase/lowercase letters
[🌐]	Changes the country setting for the character bar

Symbol	Function
[c]	Deletes a character/an entry
[↑, ↓]	Selects the input line
[←, →]	Moves the cursor within the input line
[ok]	Finishes an entry
[↵]	Cancels input
[↵]	Inserts a paragraph

Character entry (navigation)

Character entry options















You can enter characters using the controller or the touchpad. With the controller, you enter characters using a character bar. To enter using the touchpad, draw the character in the entry field. COMAND supports this using a handwriting recognition function.

Entering characters using the character bar




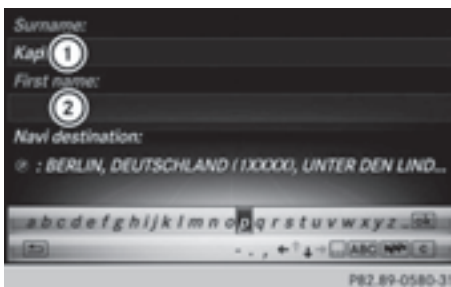
- ① Characters **STUT** entered by the user (orange)
- ② Characters **EBÜLL** automatically added by COMAND
- ③ To switch to keyword search
- ④ Characters not currently available
- ⑤ Currently selected character
- ⑥ Characters currently available
- ⑦ Character bar



The example shows the address entry (▷ page 67).

- ▶ **To enter a character:** turn, slide  or  and press the controller.
Selected character  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  or not , 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 .
- ▶ **To delete an entire entry:** slide  and turn the controller; then after selecting  press and hold down the controller until the entire entry is deleted.
- ▶ **To switch to keyword search:** slide  and turn the controller, then press it after selecting  (▷ page 70).
- ▶ **To confirm an entry:** slide  and turn the controller, then press it after selecting .








or

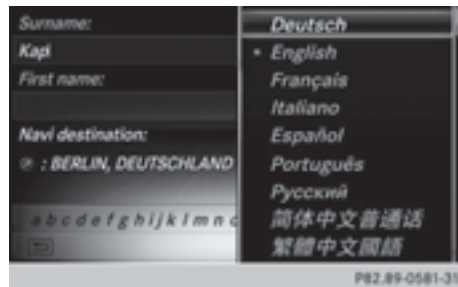
- ▶ Slide  the controller repeatedly until the character bar disappears.
The location selection list appears. The selected entry is highlighted.





-  Cursor
-  Entry line





The example shows the character entry when you save a destination as a navigable contact in the address book (▷ page 68).






- ▶ **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
	Switches the character bar to uppercase/lowercase letters
	Changes the character bar language
	Deletes a character/an entry

Symbol	Function
	Switches to keyword search (▷ page 70)
	Selects the input line
	Moves the cursor within the input line
	Confirms an entry
	Cancels input

Entering characters using the touchpad



Alternatively, you can enter characters using the touchpad (▷ page 24). Character entry is supported by a handwriting recognition function.

An example is the address entry (▷ page 67).

- ▶ With one finger, draw the desired character, e.g. the letter **B**, on the touch-sensitive surface.
In the list (e.g. City), the first entry that starts with the letter entered is highlighted. You can draw the next character on the touch-sensitive surface.
If the character that you have entered can be interpreted in different ways, these options are displayed.
- ▶ **To select a character suggestion:** turn the controller.
The selected character is used for the list display instead of the automatically recog-

nized character. Character entry can be continued.


- ▶ **To delete a character:** touch the touch-sensitive surface with your finger and glide your finger to the left.
The character last entered is deleted.
- ▶ To finish the entry and switch back to the list: press the touchpad.

Favorites

Overview of favorites



- ① To add a new favorite (▷ page 35)
- ② To rename a selected favorite (▷ page 35)
- ③ To move a selected favorite (▷ page 35)
- ④ To delete a selected favorite (▷ page 36)

- ▶ **To display the favorites overview:** press the favorites button on the controller.
- ▶ **To show the menu bar:** slide  the controller.

You can manage a total of 20 favorites. To do so use the following functions:


- Displaying and selecting favorites (▷ page 35)
- Adding favorites (▷ page 35)
- Renaming favorites (▷ page 35)
- Moving favorites (▷ page 35)
- Deleting favorites (▷ page 36)

Displaying and selecting favorites

- ▶ **To display the favorites overview:** press the favorites button on the controller.
- ▶ **To call up favorites:** turn and press the controller.

Adding favorites

Adding predefined favorites

- ▶ Press the favorites button on the controller.
- ▶ To show the menu bar, slide Ⓞ↓ the controller.
- ▶ To select **Reassign**: turn and press the controller.
The categories for favorites are displayed.
 - **Navigation**
 - **Entertainment**
 - **Phone**
 - **Vehicle**
 - **Climate Control**
 - 
- ▶ **To select a category:** turn the controller and press to confirm.
The available favorites are displayed.
- ▶ **To select a favorite:** turn and press the controller.
- ▶ **Adding a favorite at the desired position:** turn and press the controller.
If a favorite is stored over another favorite, the favorite underneath is deleted.

Adding your own favorites

You can store phone numbers from the phone book, radio stations or destinations as favorites.

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

- ▶ Call up the phone book (▷ page 121).
- ▶ Search for the contact and display the phone number: (▷ page 122).
- ▶ **To add a telephone number as a favorite at the desired position:** press and hold

the favorites button on the controller until the favorites are displayed.

- ▶ Turn and press the controller.
If a favorite is stored over another favorite, the favorite underneath is deleted.

Renaming favorites

- ▶ Press the favorites button on the controller.
The favorites are displayed.
- ▶ **To select the favorite to be renamed:** turn the controller.
- ▶ **To show the menu bar:** slide Ⓞ↓ the controller.
- ▶ To select **Rename**: turn and press the controller.
- ▶ Enter characters using the controller (▷ page 31) or the touchpad (▷ page 27).
- ▶ **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.
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 a favorite to be deleted**: turn the controller.
- ▶ **To show the menu bar**: slide  the controller.
- ▶ To select **Delete**: turn and press the controller.
- ▶ To select **Yes**: turn and press the controller.
The favorite is deleted.
- ▶ If you select **No**, the process will be canceled.

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Your COMAND equipment

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

WARNING

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

WARNING

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

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



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

Display settings

Setting the brightness



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



- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller to confirm. A menu appears.
- ▶ To select **Display**: turn and press the controller. A menu appears.
- ▶ Select **Brightness**. A control appears.
- ▶ Select the desired brightness.



Display design

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

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller to confirm. A menu appears.
- ▶ To select **Display**: turn and press the controller. A menu appears.
- ▶ Select **Day Mode**, **Night Mode** or **Auto**. The **•** dot indicates the current setting.

Design	Explanation
Day Mode	The display is set permanently to day design.
Night Mode	The display is set permanently to night design.
Automatic	If the Automatic 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.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **Display Off**: slide , turn and press the controller to confirm. The display goes out.
- ▶ **To switch the display on again**: press the controller.

Time settings

General information



COMAND can automatically set the time and date.

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

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



Switching automatic time on and off

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

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **Time**: slide , turn and press the controller to confirm. A menu appears.
- ▶ To select **Automatic Time Settings**: press the controller.
- ▶ To switch the function on or off : press the controller.

Setting the time zone

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

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **Time**: slide , turn and press the controller to confirm. A menu appears.
- ▶ To select **Time Zone**:: turn and press the controller. A list of countries appears. The ● dot indicates the current setting.
- ▶ **To select the country in which you are currently driving**: turn and press the controller. The country is accepted. A time zone list may also be displayed, depending on the country selected.
- ▶ **To select the desired time zone**: turn and press the controller. The time zone is accepted. A list of available options for setting summer time appears (> page 40).

Setting summer and standard time


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

The **Daylight Saving Time** menu or the **Automatic** option is not available in all countries.

▶ Press the  button.

or

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

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

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

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

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

Manual time setting




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

▶ Press the  button.

or


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

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

▶ To select **Set Time Manually**: turn and press the controller.

A menu with an analog clock appears.

▶ To set the hour: turn the controller.

▶ To highlight minutes: slide  the controller.

▶ To set minutes: turn and press the controller.

The time is accepted.



The **Automatic Time Settings** function is deactivated .

If **Automatic** is set for the summer time changeover, a prompt will appear asking whether the automatic changeover should be maintained between summer and winter time.

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



Setting the time and date format

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

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

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

Text reader settings

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller to confirm. A menu appears.
- ▶ To select **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

i 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.
- 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 **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

Conditions:

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.

Activating WiFi



- ▶ To select **Vehicle** from the main function bar: turn and press the controller.
- ▶ To switch to the menu bar: slide the controller.
- ▶ Select **System Settings**.
The **System Settings** menu is displayed.

- ▶ Select **WiFi**.
The WiFi menu appears.
- ▶ Select **Activate**.
- ▶ Press the controller.
Switch the connection on or off , depending on the previous setting.

Connecting the device

General notes

- i** 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; see the manufacturer's operating instructions.

Connecting a device via WPS PIN



Prerequisite:

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

- ▶ To select **Vehicle** from the main function bar: turn and press the controller.
- ▶ To switch to the menu bar: slide the controller.
- ▶ Select **System Settings**.
The **System Settings** menu is displayed.
- ▶ Select **WiFi**.
The WiFi menu appears.
- ▶ 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 WLAN XXXXX**.

The device to be connected generates a PIN.

- ▶ This PIN is also entered on COMAND.

Connecting the device by pressing a button (push button)



Prerequisite:

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

- ▶ To select **Vehicle** from the main function bar: turn and press the controller.
- ▶ To switch to the menu bar: slide the controller.
- ▶ Select **System Settings**.
The **System Settings** menu is displayed.
- ▶ 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 WLAN XXXXX**.
- ▶ Select **Continue** in COMAND.


Connecting the device via the security key



- ▶ To select **Vehicle** from the main function bar: turn and press the controller.
- ▶ To switch to the menu bar: slide the controller.
- ▶ Select **System Settings**.
The **System Settings** menu is displayed.
- ▶ Select **WiFi**.
The WiFi menu appears.
- ▶ Select **Connect Using Security Key**.
- ▶ Select the vehicle from the device to be connected. The vehicle is displayed with the SSID **MB WLAN XXXXX**.
- ▶ Enter the security key that appears on the COMAND display for the device to be connected.
- ▶ Confirm the entry.

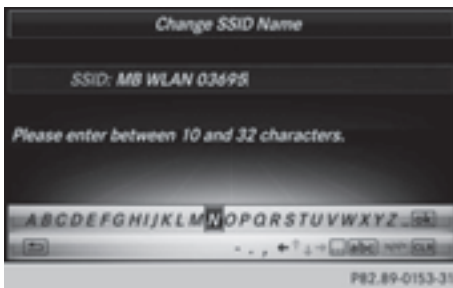
Generating a new security key





- ▶ To select **Vehicle** from the main function bar: turn and press the controller.
- ▶ To switch to the menu bar: slide  the controller.
- ▶ Select **System Settings**.
The **System Settings** menu appears.
- ▶ Select **WiFi**.
The WiFi menu appears.
- ▶ Select **Generate Security Key**.
- ▶ Select **Regenerate**.
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.

i 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 42).

Changing the name of the SSID



- ▶ To select **Vehicle** from the main function bar: turn and press the controller.
- ▶ To switch to the menu bar: slide  the controller.
- ▶ Select **System Settings**.
The **System Settings** menu is displayed.
- ▶ Select **WiFi**.
The WiFi menu appears.

- ▶ Select **Change SSID**.
A dialog for entering the SSID appears.
- ▶ Enter the new SSID.
- ▶ Select  .
- ▶ Press the controller.
From now on, when establishing a connection, the vehicle will be shown with the new SSID both on the device to be connected and in the **Connect Using Security Key** menu.

i Device connections established using the previous SSID will no longer work after the SSID is changed. You have to reconnect these devices (▷ page 42).

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

- ▶ To select **System Settings**: slide , turn and press the controller. A menu appears.
- ▶ To select **Activate Bluetooth**: turn and press the controller. This switches Bluetooth® on or off .

Automatic volume adjustment



General information

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

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



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

Switching the automatic volume adjustment on/off

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller. A menu appears.
- ▶ To select **Automatic Volume Adjustment**: turn and press the controller. Switch the **Automatic Volume Adjustment** function on or off .

Setting the system language

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



- i** The navigation announcements are not available in all languages. If a language is not available, the navigation announcements will be in English.
- i** 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.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller. A menu appears.
- ▶ To select **Language**: turn and press the controller. The list of languages appears. The ● dot indicates the current setting.
- ▶ Select the desired language. COMAND loads the selected language and sets it.

Calling up and editing the Favorites function

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

- via the **System Settings** menu
- via the Favorites button on the controller (▷ page 23)
- via the Favorites button on the touchpad (▷ page 24)

Calling up the Favorites function via the system menu:




- ▶ Press the  button.
or
- ▶ Press **Vehicle** in the main function bar.
The vehicle menu is displayed.
- ▶ To select **System Settings**: slide  and press the controller.
A menu appears.
- ▶ To select **Favorite Functions**: press the controller.
The favorites are displayed.
- ▶ To select the desired function, e.g. **Phone-book**: turn and press the controller.

Calling up the Favorites function via the controller or touchpad:

- ▶ Press the Favorites button on the controller or touchpad.
The favorites are displayed.
- ▶ To select the desired function, e.g. **Phone-book**: turn and press the controller.

The Favorites function can be exited at any time.

To exit the Favorites function:

- ▶ Press the Favorites button again
or
- ▶ Press the  button on the controller
or
- ▶ Press the  button on the touchpad
or
- ▶ To select  in the display: turn and press the controller.

Further information on favorites (▷ page 34).

Importing/exporting data

General notes

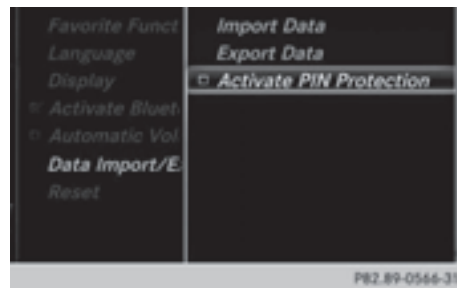
- ❗ Never remove the stick or card when writing data to the USB stick or the memory card. You may otherwise lose data.



Using this function, you can do the following with your personal COMAND data:

- transfer from one system or vehicle to another system or vehicle.
- make a backup copy (export data) and load it again (import data).
- protect your data from unwanted export by activating a PIN prompt (presetting: deactivated).

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

Activating/deactivating PIN protection



- ▶ Press the  button.
or
- ▶ Press **Vehicle** in the main function bar.
The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller.
A menu appears.
- ▶ To select **Data Import/Export**: turn and press the controller.
- ▶ Select **Activate PIN Protection**.
Activate or deactivate PIN protection. When activating PIN protection, you will be prompted to enter a PIN.



- ▶ 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.

i 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 48).

Importing/exporting data



- ▶ Insert the SD memory card (> page 182).
- or
- ▶ Connect a USB device (e.g. a USB memory stick) (> page 182).

- ▶ Press the **Home** button.
 - or
 - ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
 - ▶ To select **System Settings**: slide **System** and press the controller. A menu appears.
 - ▶ To select **Data Import/Export**: turn and press the controller.
 - ▶ Select **Import Data** or **Export Data**.
- i** 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** to confirm. PIN protection is deactivated.
- ▶ To select **Memory Card, USB 1** or **USB 2**: turn and press the controller. This function exports all the data to the selected disc. A window appears with the message that the data has been exported.

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

Personal music files in the MEDIA REGISTER cannot be saved and imported again using this function.

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

Reset function

System settings

You can reset COMAND to the factory settings. Amongst other things, this will delete all personal COMAND data. Example:

- 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.

Data on the internal hard drive, e.g. music files in the MEDIA REGISTER, will be deleted.

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

▶ Press the  button.

or

- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **System Settings**: slide , turn and press the controller to confirm. A menu appears.
- ▶ To select **Reset**: turn and press the controller. A prompt appears asking whether you wish to reset.
- ▶ Select **Yes** or **No**.
If you select **No** the process is canceled.
If you select **Yes** a prompt will appear again asking whether you really wish to reset.
- ▶ Select **Yes** or **No**.
If you select **Yes** a message will be shown. COMAND is reset to the factory settings and restarted.
If you select **No** the process is canceled.

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Your COMAND equipment

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

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

Important safety notes

WARNING


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

Only operate this equipment when the vehicle is stationary.


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

Vehicle settings



Calling up vehicle settings

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ To select **Vehicle Settings**: press the controller. The **Vehicle Settings** menu is active.
- ▶ To select the desired vehicle setting: turn and press the controller. The main area with the setting element is active.

Selecting a different vehicle setting:

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

Exiting the vehicle settings:

- ▶ To select : slide  and press the controller.

Ambient lighting

General notes

You can set the following for the ambient lighting:

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

Setting the brightness

- ▶ Call up **Vehicle Settings** (> page 50).
- ▶ To select **Ambient Light Brightness**: turn and press the controller. The setting element is active. The brightness value is displayed.
- ▶ To change the brightness value: turn the controller.

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

Setting the color

- ▶ Call up **Vehicle Settings** (> page 50).
- ▶ 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.

Setting the EASY-ENTRY/EXIT feature

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ To select **Easy Entry/Exit**: turn and press the controller.
The setting element is active.
- ▶ To change the setting: press the controller.

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

Activating/deactivating the acoustic locking confirmation

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ To select **Acoustic Lock Feedback**: turn and press the controller.
The function switches on or off, depending on the previous setting.

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

Activating/deactivating the seat-belt adjustment function

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ To select **Belt Adjustment**: turn and press the controller.
The function switches on or off, depending on the previous setting.

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

Activating/deactivating the automatic folding mirror function

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ To select **Automatic Mirror Folding**: turn and press the controller.
The function switches on or off, depending on the previous setting.

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

Switching locator lighting on/off

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

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ To select **Locator Lighting**: turn and press the controller.
- ▶ Press the controller.
The function is switched on or off, depending on the previous status.

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

Switching the automatic locking feature on/off

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ To select **Automatic Locking**: turn and press the controller.
The function switches on or off, depending on the previous setting.

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

Setting the delayed switch-off time

Interior lighting delayed switch-off

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 50).
- ▶ To select **Interior Lighting Delayed Switch-off**: turn and press the controller.
The setting element is active.
- ▶ To change the delayed switch-off time: turn the controller.

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

Exterior lighting delayed switch-off

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

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

- ▶ Call up **Vehicle Settings** (▷ page 50).
- ▶ 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.

360° camera

General notes

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

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

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

Displaying the 360° camera image

The 360° camera image can be displayed if:

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

- ▶ Press the  button.

or

- ▶ Press **Vehicle** in the main function bar.
The vehicle menu is displayed.
- ▶ To select **360° Camera**: turn and press the controller.
The 360° camera image appears in split-screen mode.

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

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

Switching the display off manually



- ▶ To select : slide  and press the controller.

Switching the display on automatically

- ▶ You can automatically switch the 360 camera display using reverse gear (> page 53).

Switching the 360° camera automatic mode on/off

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

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ **To switch to the menu bar:** slide  the controller.
- ▶ To select **System Settings**: turn and press the controller.
- ▶ To select **360° Camera**: turn and press the controller. The **360° Camera** menu appears.
- ▶ Select **Activation by R gear**. The function is switched on or off , depending on the previous status.

Opening the camera cover for cleaning

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

The camera cover closes automatically if:

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

Rear view camera

General notes



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

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

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

Switching the rear view camera automatic mode on/off

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

- ▶ Press the  button.
- or
- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ Slide  the controller.
- ▶ To select **System Settings**: turn and press the controller.
- ▶ Select **Rear View Camera**. The **Rear View Camera** menu appears.
- ▶ Select **Activation by R gear**. The function is switched on or off , depending on the previous status. When you start the vehicle and engage reverse gear, the camera cover opens automatically if the function is activated. The area behind the vehicle is shown with guide lines in the display (see the vehicle Operator's Manual).

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

Object detection

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

Switching object detection on/off

- ▶ To select **Object Detection** in the rear view camera menu: turn and press the controller.

The function is switched on or off , depending on the previous status.

Opening the camera cover for cleaning

- ▶ To select **Open Camera Cover** in the rear view camera menu: turn and press the controller.

The **Please Wait...** message appears for approximately three seconds.

The camera cover opens.

The camera cover closes automatically if:

- the ignition is switched off
- the vehicle pulls away

Climate control settings

Overview

You can adjust the climate control settings using the climate control bar (▷ page 54) or the climate control menu (▷ page 55).

You can set the most important climate control functions, such as temperature (▷ page 54), airflow (▷ page 55) and air distribution (▷ page 55) using the climate control bar. The climate control bar is visible in most displays.

You can find all available climate control functions in the climate control menu. You can use

the climate control bar (▷ page 54) to switch to the climate control menu.

Settings in the climate control bar

Overview



- ① Adjusts temperature and air distribution on the left and displays the current setting
- ② Calls up the climate control menu, displays the current cooling and climate mode setting
- ③ Adjusts temperature and air distribution on the right and displays the current setting

Calling up the climate control bar

- ▶ Press the button.

or

- ▶ Press **Vehicle** in the main function bar. The vehicle menu is displayed.
- ▶ Slide the controller repeatedly until the climate control bar is activated.


Setting the temperature



- ▶ Call up the climate control bar (▷ page 54).
 - ▶ To select the current temperature on the left or right: turn and press the controller. The temperature setting scale appears.
 - ▶ To change the setting: turn the controller.
 - ▶ To close the temperature setting scale: press the controller.
- i** You can also use the climate control menu to set the temperature (▷ page 55).


Setting the air distribution



- ▶ Call up the climate control bar (▷ page 54).
 - ▶ To select the current air distribution display on the left or right, e.g. : turn and press the controller. The air distribution setting scale appears.
 - ▶ To change the setting: turn the controller.
 - ▶ To close the temperature setting scale: press the controller.
- i** You can also use the climate control menu (▷ page 55) to set the air distribution.



Setting the airflow



- ▶ Call up the climate control bar (▷ page 54).
 - ▶ To select : turn and press the controller. The airflow setting scale appears.
 - ▶ To change the setting: turn the controller.
 - ▶ To close the temperature setting scale: press the controller.
- i** You can also use the climate control menu (▷ page 55) to set the airflow.

Calling up the climate control menu



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


Settings in the climate menu

Adjusting the climate mode settings

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

- ▶ Call up the climate control menu (▷ page 55).
- ▶ To select **Climate Mode**: turn and press the controller.
- ▶ To change the setting: turn the controller.

Exiting a menu:

- ▶ Press the  button.


The current airflow setting is shown in the climate control bar: **DIFFUSE**, **MEDIUM** or **FOCUS** (▷ page 54).

Starting/stopping the perfume atomizer

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

- ▶ Call up the climate control menu (▷ page 55).
- ▶ To select **Air Freshener**: turn and press the controller.
The setting element is active.
- ▶ To start/stop the perfume atomizer: press the controller.
- ▶ To set the intensity: turn the controller when the atomizer is switched on.

Exiting a menu:

- ▶ Press the  button.

Switching the ionization on/off

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

- ▶ Call up the climate control menu (▷ page 55).
- ▶ To select **Ionization**: turn and press the controller.
The setting element is active.
- ▶ To switch the ionization on/off: press the controller.


Exiting a menu:

- ▶ Press the  button.

Settings in the bottom bar of the climate control menu

Switching climate control on/off

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

- ▶ Call up the climate control menu (▷ page 55).
- ▶ Slide  the controller repeatedly until the bottom bar is activated.
- ▶ To select **Climate Ctrl On**: turn and press the controller.


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

If the climate control is switched off:

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

Switching cooling with air dehumidification on/off

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

- ▶ Call up the climate control menu (▷ page 55).
- ▶ Slide  the controller repeatedly until the bottom bar is activated.
- ▶ To select **A/C**: turn and press the controller.
- ▶ Switch cooling with air dehumidification on or off .


i The current status of the cooling function is displayed in the climate control bar: A/C ON – activated, A/C OFF – deactivated (▷ page 54).

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

Synchronizing the climate control settings

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

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

- ▶ Call up the climate control menu (▷ page 55).
- ▶ Slide  the controller repeatedly until the bottom bar is activated.
- ▶ To select **Sync**: turn and press the controller.
- ▶ Switch the synchronization function on or off .

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

DYNAMIC SELECT

General notes

You can use **DYNAMIC SELECT** to configure the following settings for the Individual drive program:

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

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

The off-road program is only available on vehicles with the Off-Road Engineering package and is not available for PLUG-IN HYBRID. You

can set the following programs in the **Off-road Settings** menu:

- Slippery
- Off-road
- Gradient
- Rocking free
- Trailer
- Off

In addition, current vehicle and engine data is visualized via the two further **Vehicle Data** and **Engine Data** menus.

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


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

Configuration via the DYNAMIC SELECT switch



- i** There may be fewer settings depending on your vehicle's equipment.
- ▶ Use the DYNAMIC SELECT switch to select the Individual drive program; see the vehicle Operator's Manual. A window appears after a short while.
- ▶ **To confirm Adjust**: press the controller. The **Individual Configuration** menu appears.
- ▶ **To select DriveSuspension, Steering, Climate Control, Eco Start/Stop Function or Eco Assist**: turn and press the controller. The menu symbol, text and image show the selected setting.

Setting off-road program


- ▶ **To switch the off-road program on:** press the  button.
A window appears after a short while.
- ▶ **To confirm Adjust:** press the controller.
The **Offroad Settings** menu appears.
- ▶ **To select SlipperyOffroad, Incline, Trailer, Rocking Assist or Off:** turn and press the controller.
The menu symbol, text and image show the selected setting.

The Rocking free program can be selected up to a speed of 20 km/h.

If you switch off the off road program, the Comfort drive program is configured automatically.

For further information on the off-road program; see the vehicle Operator's Manual.


Displaying vehicle data

- ❗ There may be fewer displays depending on your vehicle's equipment.
- ▶ Press button .
The vehicle menu is displayed.
- ▶ **To select DYNAMIC SELECT:** turn and press the controller.
The **Individual Configuration, Off-road Settings, Vehicle Data** and **Engine Data** menus appear.
- ▶ Select **Vehicle Data**.
Updates of the following data are displayed:
 - Off-road-/type of road to match the selected drive program
 - G-Force cross to display longitudinal and lateral acceleration
 - Accelerator and brake pedal activity
 - Vehicle level setting animation
 - Vehicle level display
 - Activity of the spring struts
 - Wheel angle
 - Overrun mode animation

- Compass display
- Longitudinal and latitudinal angle
- DSR

Daytime or night-time view is shown depending on the automatic light sensor.

Displaying engine data

- ❗ There may be fewer displays depending on your vehicle's equipment.
- ▶ Press button .
The vehicle menu is displayed.
- ▶ **To select DYNAMIC SELECT:** turn and press the controller.
The **Individual Configuration, Off-road Settings, Vehicle Data** and **Engine Data** menus appear.
- ▶ Select **Engine Data**.
The following current data is displayed:
 - Engine output
 - Engine torque
 - Engine oil temperature
 - On-board voltage

Individual configuration setting options

You can choose from the following settings for the drive:

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

You can make the following settings for the suspension:

C	Comfort
S	Sport
S+	Sport +

You can make the following settings for the steering:

C	Comfort
S	Sport

You can choose from the following settings for climate control:

E	Eco
C	Comfort

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

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

You can choose from the following settings for ECO Assist:

ON	Switches ECO Assist on
Unlit	Switches ECO Assist off

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Your COMAND equipment

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

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. 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.

- i** 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.

The restriction is active from a vehicle speed of above approximately 3 mph (5 km/h). As

soon as the speed falls below approximately 2 mph (3 km/h), the restriction becomes inactive.

When the restriction is active, certain entries cannot be made. Menu items are shown in gray and cannot be selected.

For example:

- entering the destination city and street
- entering a destination via the map
- entering POIs in the vicinity of a city or via a name search
- editing entries

Other entries are possible, such as entering points of interest in the vicinity of the destination or current position.

Switches to navigation mode



① Traffic reports can be received or traffic reports are available

- ▶ 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.
The navigation menu appears.
- ▶ Press the controller.
The map shows the vehicle's current position.

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.



or

- ▶ Swipe down the touchpad with one finger.
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  appears.
- ▶ Press the controller.

Moving the map



Requirement: the map is in full screen mode, the menu is faded out (▷ page 63).


- ▶ Press the controller.
The crosshair is shown.
- ▶ Slide , ,  or  the controller.
The map moves in the corresponding direction under the crosshair.
- i** Enter a destination using the map (▷ page 75).

Basic settings

Selecting the route type



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

- ▶ **To show the menu:** slide  the controller.
- ▶ **To select Options:** turn and press the controller.
- ▶ Select **Route Settings**.
- ▶ Select a route type.
A filled circle indicates the current selection.

- Active route guidance: COMAND calculates a new route.
- Inactive route guidance: COMAND uses the selection as the new setting.

i Route guidance active: a destination has been entered and the route has been calculated.

Route guidance inactive: no destination has been entered yet and no route has been calculated yet.

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.
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 **Dynamic Traffic Route** route type uses real-time traffic reports from SIRIUS satellite radio.

Further Information on real-time traffic reports (▷ page 91).

- ▶ **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 88).

If desired, you can have COMAND calculate alternative routes even during route guidance (▷ page 88).

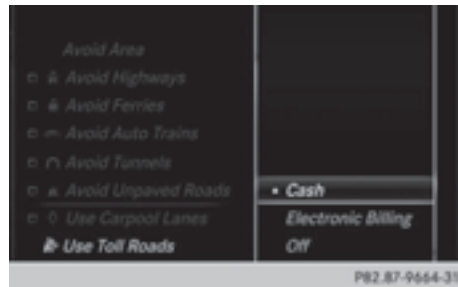
Navigation includes carpool lanes if the carpool lanes option is activated.

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.

Setting route options



- ▶ **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
- Menu item **Avoid Area** (▷ page 100)
COMAND enables you to avoid areas you do not wish to drive through.
- Menu item **Avoid Highways**
- Menu item **Avoid Ferries**
- Menu item **Avoid Auto Trains**
- Menu item **Avoid Tunnels**
- Menu item **Avoid Unpaved Roads**
The function is not available in all countries.
- Menu item **Use Toll Roads**
The route calculation includes roads which require you to pay a usage fee (toll).
- Menu item **Use Carpool Lanes**
If your vehicle meets the access conditions for carpool lanes, you can use this function.




- ▶ **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. The function is not available in all countries.
Audio Fadeout	The volume of an active media source is automatically reduced during a navigation announcement.
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 when driving on a highway. This can help you start a rest stop search. For further information on 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, lone 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 **Use Carpool Lanes**, 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  button.
- ▶ **To show the menu:** slide  the controller.
- ▶ To select **Options:** turn and press the controller.
- ▶ Select **Route Settings**.
- ▶ Select **Avoid Options**.
- ▶ Select **Use Carpool Lanes**.
Carpool lanes will either be used or avoided when calculating the route.

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.

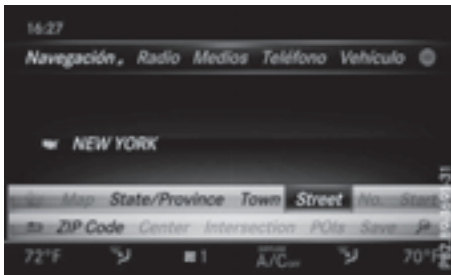
Destination entry may be blocked while driving, depending on the country specifications.

General notes

The various character entry options are described for the controller. Alternatively you can use the touchpad to enter characters and select menus (▷ page 24).

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

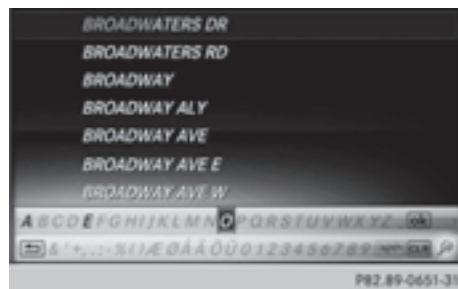
- City/ZIP, street, intersection
- Street, City/ZIP, house number
- Street, City/ZIP, intersection

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:

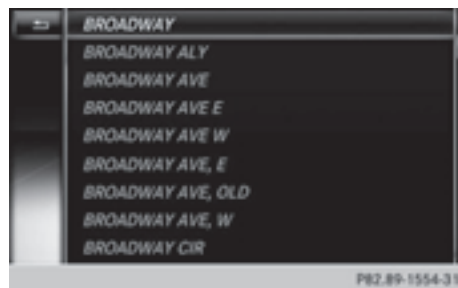
- Keyword search (▷ page 70)
- Map (▷ page 75)
- POI (▷ page 72)

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.

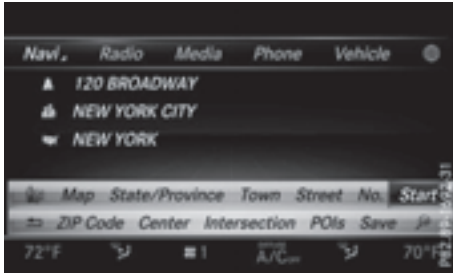
- ▶ Call up the address entry menu (▷ page 67).
- ▶ To select **Street:** turn and press the controller.
- ▶ Enter **BROADWAY**. Character entry (▷ page 32).



- ▶ **To call up the list:** slide \uparrow \odot 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 adjacent map section shows the destination.

The city in which the vehicle is currently located (current vehicle position) is at the top of the list of cities. When entering an address as the destination, 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.

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.
- ▶ Call up the address entry menu (▷ page 67).
- ▶ To select **State/Province, ZIP Code, Center** or **Intersection:** turn, slide \odot \downarrow and press the controller.
- ▶ Enter and select the address element.

Saving an address

You can store the address entered as:

- a home address in the address book
- a navigable address book contact
For further information on the address book, see (▷ page 125)
- a personal destination on the SD memory card (▷ page 95)



- ▶ Call up the address entry menu (▷ page 67).
- ▶ To select **Save:** slide \odot \downarrow , turn and press the controller.

- ▶ **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 Contact**.
- ▶ Select **Not Classified**, **Home** or **Work**.
- ▶ Enter a surname and first name (▷ page 31).
- ▶ To select **OK**: turn and press the controller. The destination address is saved in the address book as a navigable contact.

Starting route calculation



- ① To view the vicinity of the destination
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 64). 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 65). You can display these and select them for route guidance (▷ page 88).

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.

- ① The route is calculated using the digital map data. The calculation time depends on the distance from the destination, for example.

The calculated route may differ from the ideal route, e.g. due to roadworks or incomplete map data. Please also refer to the notes about the digital map (▷ page 102).

- ▶ **To call up the keyword search:** select by sliding \odot ↓, turning and pressing the controller in the address entry menu.

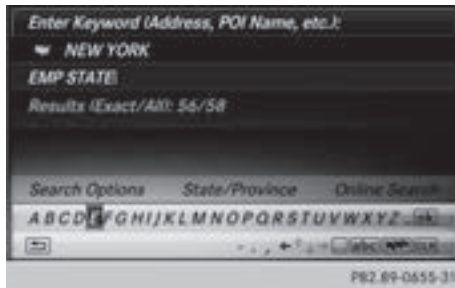
- ▶ **To view the vicinity of the destination:** to select ①, turn and press the controller. You can explore the destination area.

Requirement for exploring a destination (USA): mbrace must be activated for Internet access (▷ page 146).

Requirement for exploring a destination (Canada): a mobile phone must be connected via Bluetooth® (▷ page 112) or USB (▷ page 198) with COMAND.

Keyword search

Entering keywords



The keyword search is used to help find destinations using fragments of words. The keyword search is tolerant of errors.

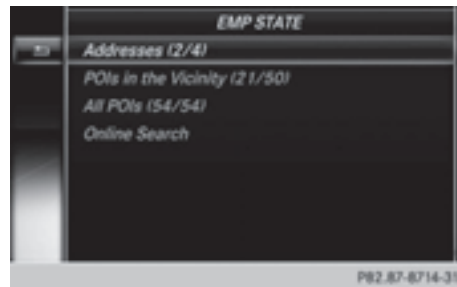
It can be used for an address or a POI. For example, you can search for the Empire State Building in New York.

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 languages using Latin characters.

- ▶ **To switch to navigation mode:** press the 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 the symbol.
The search results are displayed (▷ page 70).

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 71).



- ▶ To select **Addresses** : 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 a POI:** select **POIs in the Vicinity** or **All POIs** by turning and pressing the 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 146).
Requirement for the online search (Canada): a mobile phone must be connected via Bluetooth® (> page 112) or USB (> page 198) 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.
 - ▶ 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.
States/provinces are sorted alphabetically.
- ▶ To select a state/province: turn and press the controller.

Searching via COMAND

- Requirement (USA): mbrace must be activated for Internet access (> page 146).
Requirement (Canada): a mobile phone must be connected via Bluetooth® (> page 112) or USB (> page 198) 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.
The search switches to the online functions.

Selecting a destination from the list of last destinations

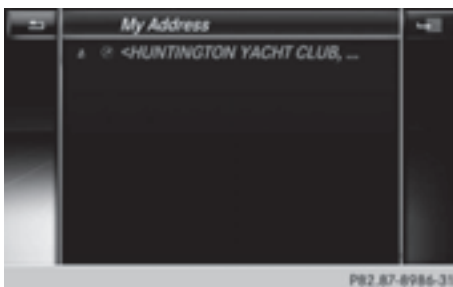


COMAND automatically stores the last 50 destinations.

- ▶ **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 Previous 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.

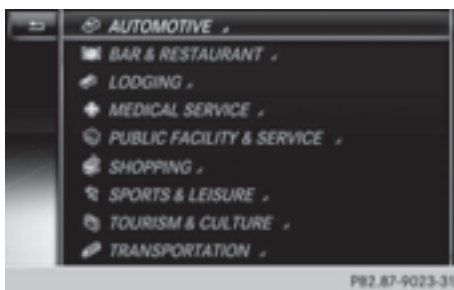
- ▶ Select **From POIs**.

Defining the position for the POI search


Selection	Instructions
<p>Near Destination (when route guidance is active)</p>	<ul style="list-style-type: none"> ▶ Call up the POI menu (▷ page 72). ▶ To select Near Destination: turn and press the controller. ▶ Select a POI category (▷ page 74).
<p>Current Position Searches in the vicinity of the current vehicle position.</p>	<ul style="list-style-type: none"> ▶ Call up the POI menu (▷ page 72). ▶ To select Current Position: turn and press the controller. ▶ Select a POI category (▷ page 74).
<p>Other City After entering a city, the search is performed within the city's boundaries</p>	<p>Option 1</p> <ul style="list-style-type: none"> ▶ Call up the POI menu (▷ page 72). ▶ To select Other City: turn and press the controller. ▶ Select the state/province (▷ page 68), if desired. ▶ Enter the city (▷ page 67). ▶ Select a POI category (▷ page 74). <p>Option 2</p> <ul style="list-style-type: none"> ▶ Enter a city in the address entry menu (▷ page 67). ▶ To select POIs: slide  the controller, turn and press to confirm. ▶ Select a POI category (▷ page 74).

Selection	Instructions
<p>Search By Name</p> <p>Searches for all POIs on the digital map or around one of the three previously specified positions</p>	<ul style="list-style-type: none"> ▶ Call up the POI menu (▷ page 72). ▶ 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.
<p>Search By Phone Number</p> <p>All POIs with a telephone number can be selected.</p>	<ul style="list-style-type: none"> ▶ Call up the POI menu (▷ page 72). ▶ 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: <ul style="list-style-type: none"> • 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:

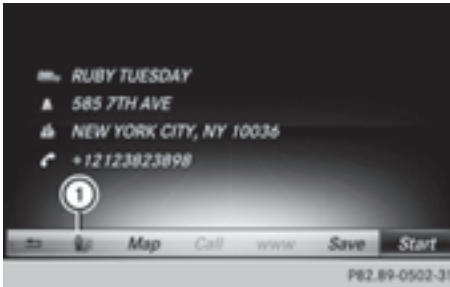
- an arrow that shows the linear direction to the POI (search around vehicle position)
 - the linear distance to the POI
 - the name of the POI
- ▶ Select a point of interest (▷ page 74).
The complete address of the POI is shown.

Selecting a POI

Requirement for "Calling up POI": a mobile phone must be connected to COMAND (▷ page 112).

Requirements for "Viewing the vicinity of the destination" and "Loading data from the Internet" (USA): mbrace must be activated for Internet access (▷ page 146).

Requirements for "Viewing the vicinity of the destination" and "Loading data from the Internet" (Canada): a mobile phone must be connected via Bluetooth® (▷ page 112) or USB (▷ page 198) with COMAND.



The complete address of the POI is shown.

- ▶ **To view the vicinity of the destination:** select ① by turning and pressing the controller.

If street images are available, the street in the vicinity of the destination address is shown.

- ▶ **To call up the map:** select **Map**.
- ▶ Move the map, change the map scale (▷ page 75) and select the POI.
3D POIs can be displayed in an all-round view (▷ page 75)
- ▶ **To call up a POI:** select **Call**.
If a phone number is available, COMAND switches to the telephone function.
- ▶ **To load data from the Internet:** select **www**.
If an Internet address is available, data is loaded from the Internet.
- ▶ **To store a POI:** select **Save**.
The POI can be saved as:
 - the home address
 - a navigable address book contact (▷ page 125)
 - a personal destination on the SD memory card (▷ page 95)
- ▶ **To start route calculation:** select **Start** or **Continue** by turning and pressing the controller.

If **Calculate Alternative Routes** is activated (▷ page 64), **Continue** is available.

Rotating a 3D POI

Realistically modeled buildings are shown on the map in an all-round view. These 3D POIs are sights or buildings of regional importance, e.g. a main railway station.






3D POIs can be turned on the 20 m, 50 m and 100 m map scales. To aid orientation, the points of the compass are shown while turning.

- ▶ Select a point of interest (▷ page 74).
- ▶ To select **Map**: turn and press the controller.
- ▶ Select a 3D POI on the map with **Previous** or **Next**.
If the 3D POI is highlighted gold, you can select **3D**.
- ▶ Select **3D**.
The 3D POI turns on its own axis.
- ▶ To exit the all-round view, press the controller.

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.



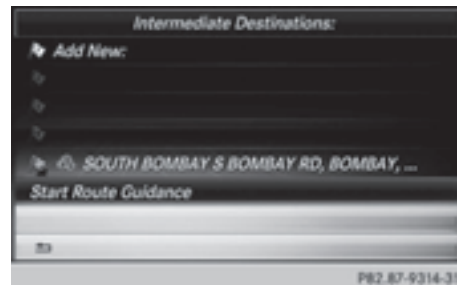
- ▶ **To select a destination:** press the controller.
The list contains the **Menu** menu item. If several destinations are available in the area around the crosshair, these are also displayed.
- ▶ To show the menu: press the controller.
- ▶ To select a destination from the selection list: turn and 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 destinations in eight categories for this purpose, e.g. **GAS STATION** or **RESTAURANT**. 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.

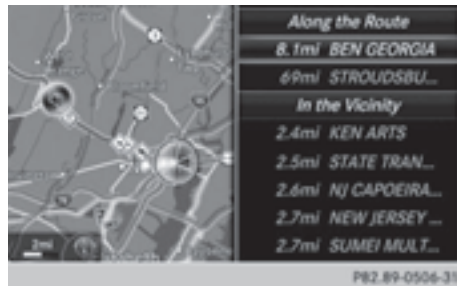
After selecting one of the eight POI categories, available POIs are displayed:

- along the route
- in the vicinity

COMAND first searches for destinations on the route. The search for destinations is then initiated in the area around the current vehicle position.

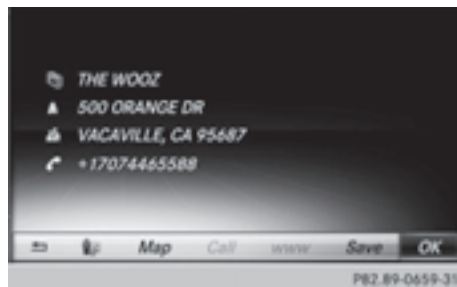
- ▶ After selecting **Other**, select one of the destination entry options.

Selection	Step
Address Entry	▶ Enter a destination by address (▷ page 67).
Keyword Search	▶ Select a destination by means of a keyword search (▷ page 70).
From Previous Destinations	▶ Select a destination from the list of last destinations (▷ page 72).
From Contacts	▶ Select a contact from the address book as the destination (▷ page 72).
From POIs	▶ Select a point of interest (▷ page 72).
Using Map	▶ Enter a destination using the map (▷ page 75).
From Memory Card	▶ Select a personal POI (▷ page 82).
From Mercedes-Benz Apps	▶ Enter a destination from Mercedes-Benz Apps (▷ page 79).
Using Geo-Coordinates	▶ Enter a destination using the geo-coordinates (▷ page 79).



- ▶ 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 112), the call is connected.

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

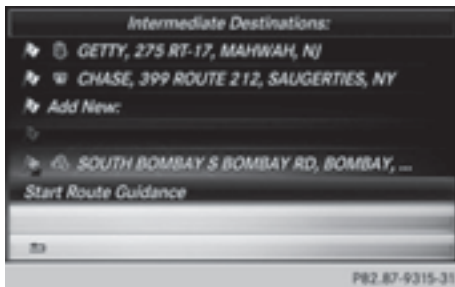
- ▶ **To store an intermediate destination in the destination memory:** select **Save** (▷ page 94).
- ▶ **To accept an intermediate destination:** select **Start** by pressing the controller. The destination is entered in the intermediate destinations menu.
If **Calculate Alternative Routes** is activated (▷ page 64), instead of **Start**, menu point **Continue** is available.

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

i You cannot edit POIs.



- ▶ 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 enter the intermediate destinations and the destination in any order. To change

the order, at least one intermediate destination and the destination must be 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 Route Guidance** in the intermediate destinations menu: press the controller. The route is calculated with the entered intermediate destinations. 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

You can save a route with intermediate destinations on the SD memory card.

Requirement: the SD memory card is formatted using the FAT file system (e.g. FAT32).

- ▶ Insert the SD memory card (▷ page 182).
- ▶ To select **Save As Personal Route** in the intermediate destinations menu: 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 65).

If the fuel tank reserve level is displayed, you will see the [Reserve Fuel Would you like 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 selected gas station is entered into position 1 of the intermediate destinations menu. Route guidance begins.
 - If the intermediate destinations menu already contains four intermediate destinations, a prompt will be displayed, asking you whether you wish to enter the gas station into position 1. If you select **Yes**, the gas station is transferred into the list and intermediate destination 4 is deleted.

Entering a destination from Mercedes-Benz Apps

Requirement (USA): mbrace is activated for the Mercedes-Benz Apps (▷ page 146).

Requirement (Canada): a mobile phone must be connected via Bluetooth® (▷ page 112) or USB (▷ page 198) 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 (▷ page 155).

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 (longitude and latitude) are entered in degrees, minutes and seconds.
- ▶ **To enter geo-coordinates**: turn the controller.
 - The value for degree, minute or second changes.
- ▶ 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.
- ▶ **To store geo-coordinates**: select **Save** by turning and pressing the controller.
 - The destination with the geo-coordinates can be stored as:
 - a home address in the address book
 - a navigable address book contact
 For further information on the address book, see (▷ page 125).
 - a personal destination on the SD memory card (▷ page 95)
- ▶ **To start route calculation**: select **Start Route Guidance** by turning and pressing 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 (▷ page 156)
- Categories which you have created yourself, e.g. on your PC

Personal routes are not categorized.

Settings for personal POIs

Displaying on the map



Requirements: an SD memory card with personal POIs is inserted (▷ page 182).

The SD memory card is formatted using the FAT file system (e.g. FAT32).

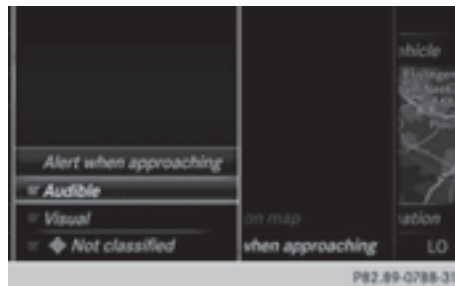
All personal POIs of the selected category are displayed on the map with a corresponding symbol.

If the "Alert when approaching" function is activated (▷ page 80) 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



Requirements: an SD memory card with personal POIs is inserted (▷ page 182).

The SD memory card is formatted using the FAT file system (e.g. FAT32).

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 **Approaching POI Cue**, 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 **Approaching POI Cue**.
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 (**GPS Exchange**) format on the SD memory card.

Requirement: the SD memory card is formatted using the FAT file system (e.g. FAT32).

Personal POI from current vehicle position or crosshair position

- ▶ Insert the SD memory card (▷ page 182).
- ▶ **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 96).
If the "Move map" function is selected (▷ page 64), the crosshair position is saved.

i 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 182).
- ▶ **To switch to navigation mode:** press the **NAVI** button.
- ▶ Call up the address entry menu and enter the destination address (▷ page 67).
- ▶ Select **Save** by sliding **⊙↓** 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.

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

- **From Previous Destinations** (▷ page 72)
- **From Contacts** (▷ page 72)

Personal route from a tour including intermediate destinations

- ▶ Insert the SD memory card (▷ page 182).
- ▶ **To switch to navigation mode:** press the **NAVI** button.
- ▶ Enter a destination, e.g. by address (▷ page 67).
- ▶ Start route calculation (▷ page 69).
- ▶ Enter an intermediate destination (▷ page 76).
- ▶ Select **Save As Personal Route** in the intermediate destinations menu.
The route is saved in the **Personal Routes** folder on the SD memory card.

Importing personal destinations and routes via Mercedes-Benz Apps

You can use Mercedes-Benz Apps (e.g. Download POI, Local Search) to import destinations to navigation (▷ page 155). 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 81).

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



The example shows a personal POI.

- ▶ Insert the SD memory card (▷ page 182).
- ▶ **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).


- ▶ **To select a register:** slide **⊙→** the controller.
- ▶ To select a character: turn and press the controller.
- ▶ **To select a character set for sorting:** slide **⊙→** the controller to select **☐☐☐☐**.
- ▶ 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 82).
- ▶ **To explore a personal POI or personal route:** turn and press the controller to select **Map.**
The map with the crosshair appears and shows the destination.
- ▶ Scroll the map (▷ page 64).

- ▶ Set the map scale (▷ page 96).
- ▶ To switch to the menu: press the  button.
- ▶ **To call the personal POI:** turn and press the controller to select **Call**.
If a mobile phone is connected to COMAND and the telephone number is available, the call is connected (▷ page 118).
- ▶ **To save a personal POI:** turn and press the controller to select **Save**.
- ▶ To continue saving (▷ page 94).
- ▶ **To edit the name and symbol:** turn and press the controller to select **Edit**.
- ▶ Select **Change Name** or **Edit Icon**.
- ▶ Character entry (▷ page 31).
- ▶ Select a symbol.
- ▶ **To delete a personal POI or route:** turn and press the controller to select **Delete**.
A prompt will appear.
- ▶ Select **Yes** or **No**.
If you select **Yes**, the personal destination or personal route is deleted.
- ▶ **To select the outward and return routes:** turn and press the controller to select **Swap**.
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.
- ▶ **To start route guidance:** turn and press the controller to select **Start**.

Recording the route



General notes

Routes are recorded on the SD memory card.
Requirement: the SD memory card is formatted using the FAT file system (e.g. FAT32).



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 182).
- ▶ **To switch to navigation mode:** press the  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 182).
- ▶ **To switch to navigation mode:** press the  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 a route, turn and press the controller.
The map appears with a menu. The recorded route is shown on the map in blue.
- ▶ **To calculate a route:** select **Start**.
- ▶ **To change the name and symbol:** select **Edit**.
- ▶ Select **Change Name** or **Edit Icon**.
- ▶ Character entry (▷ page 31).
- ▶ Select a symbol.

Route guidance

General notes

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

The navigation system can give differing driving recommendations 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 system driving recommendations.

Route guidance begins once a route has been calculated (▷ page 69).

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

The route guidance displays can be seen if navigation mode is switched on.

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 Next road or direction
- ② Point at which the change of direction takes place (white dot)
- ③ Change of direction (turn right here)
- ④ Distance to the next change of direction

COMAND announces the imminent change of direction. The change of direction is announced ahead of time, such as with the announcement "Turn right in 200 meters".

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".

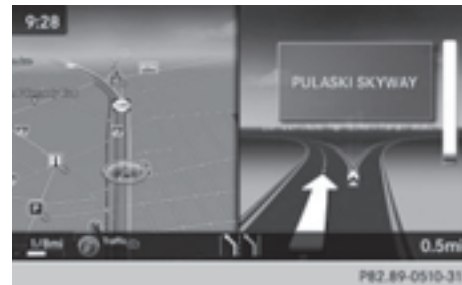
The display is split in two like in the announcement phase.

The change of direction is performed when the light-color 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.

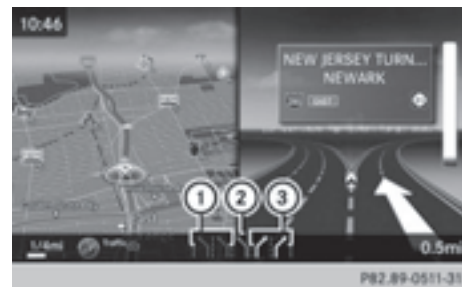
Display on highways



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 multi-lane 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 only 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.

COMAND shows the lane recommendations for the next two changes of direction. 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 98).
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



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

Starting route guidance to a POI



- ▶ **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 94)
 - view on the map (▷ page 99)
 - call if a phone is connected and a phone number is available (▷ page 118).
 - select for route guidance and a route to it calculated (▷ page 69).

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 89).

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.

- ▶ To select **⏮**: turn and press the controller. The navigation announcement is repeated.

i If the **Repeat Spoken Driving Recommendations** function has previously been added as a favorite, you can alternatively select the function using the favorites button (▷ page 35).

Setting the volume manually

- ▶ Set the volume using the thumbwheel to the right of the controller during the navigation announcement.

i When you start the engine, the volume is set to the lowest setting.

Switching navigation announcements on/off

- ▶ **To switch off navigation announcements**: during a navigation announcement, press the thumbwheel to the right of the controller.

or

- ▶ Press the **⏮** button on the multifunction steering wheel during a navigation message. The **Spoken driving recommendations have been deactivated.** message appears.

- ▶ **To switch navigation announcements back on**: slide **⊙↓** the controller.


- ▶ To 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 vehicle

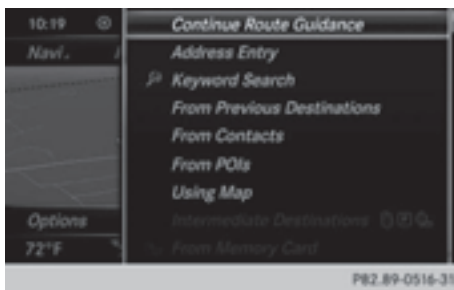
A navigation message is given if the route is recalculated during dynamic route guidance due to new traffic reports (▷ page 91).


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.

Resuming 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.

- ▶ Select **Save**. The destination or intermediate destination can be saved as:

- as a navigable address book contact
- as a home address

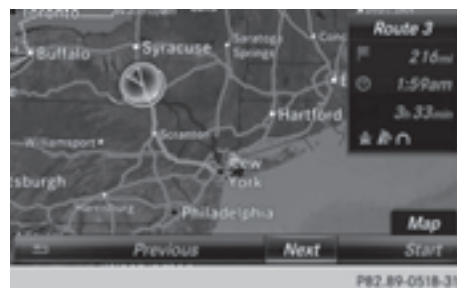
- ▶ To call up the map, select **Map**.

- ▶ Move the map, change the map scale and select the destination or the intermediate destination (▷ page 75).

- ▶ To call the destination or intermediate destination, select **Call**.

If a phone is connected and a phone number is available, COMAND switches to the telephone function.

Take alternative route



If the **Calculate Alternative Routes** setting is activated , different routes will be offered each time a route is calculated (▷ page 65).

You can call up alternative routes to the current route.

Routes 1, 2 and 4 are displayed with a dark blue line.

Route 3 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 **Previous**.

▶ **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 navigation system may guide you to off-road routes that your vehicle cannot drive on without causing damage to the tires or wheels or the vehicle itself. It is the driver's sole responsibility to determine the suitability of the route. The condition of the off-road routes may vary. The navigability of off-road routes may be influenced by various factors such as time of day, time of year and prevailing weather conditions. The navigation system cannot judge these factors or take them into account for route guidance.

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 construction, 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 170).

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 incidents on the map with symbols (type of incident) and colored lines (extent). Traffic reports are shown on the map at scales of 1/32 mi to 20 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.

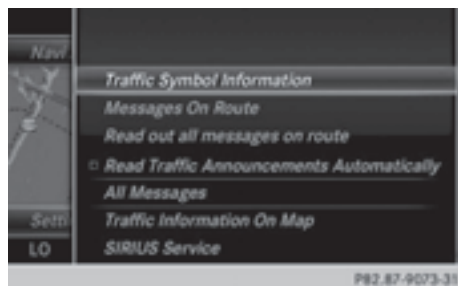
► **To set the map scale:** turn the controller until the desired map scale is selected.




- 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 (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.
If satellite signals cannot be received or there are no traffic reports, you will see a message to this effect.

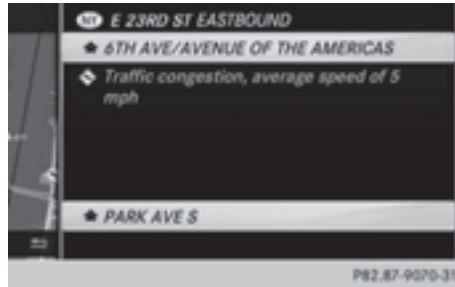
- ▶ To close the report: press the controller.

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 additional 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.



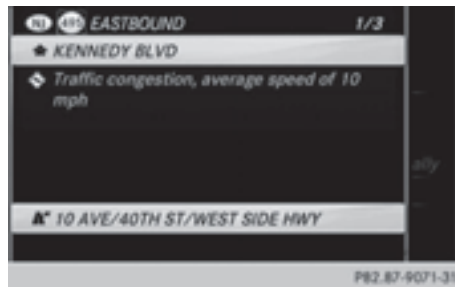
You can have the traffic report relevant to a traffic icon shown.

- ▶ 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 1/3. 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  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 92). There may be several traffic reports for the affected road.
- ▶ **To close the display:** press the  button.

Settings for the display on the map

You can switch these displays on/off on the map:

- Incidents
- Speed & Flow
- Free Flow
- ▶ **To switch to navigation mode:** press the  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 45)
- Text reader speed (▷ page 41)

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 Traffic Announcements Automatically.**
Depending on the previous state, switch the option on or off .

Recalculating the route dynamically

The **Dynamic Traffic Route** route type takes into account all of the traffic reports it receives for the current route when calculating the route (▷ page 64).

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

Storing destinations

General notes

If a route to a destination has been calculated, COMAND saves the destination to the last destinations memory. If the memory is full, COMAND overwrites the oldest destination. When you save the current vehicle position or a crosshair position, this position is stored in the "Last destinations" memory.

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

Requirement: the SD memory card is formatted using the FAT file system (e.g. FAT32).

Storing the destination in the address book



The example shows a POI.

- ▶ **To select Save:** turn and press the controller.
A menu appears.
- ▶ **New contact:** select **As New Contact.**
If the address book already contains contacts, the entry **Add to Contact** 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 31).
- ▶ 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.
- ▶ **To add to a contact**: select **Add to Contact**.
The address book appears.
- ▶ Search for a contact (▷ page 126).
- ▶ 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 navigation, 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 182).
- ▶ Display a point of interest, for example (▷ page 94).
- ▶ 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 32).
- ▶ Select **OK**.
The **Saving Successful** message appears. The destination is saved to the SD memory card.

Saving the current vehicle position

- ▶ **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**.
The current vehicle position is saved in "Last destinations".

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 64).
- ▶ To show the menu: press the controller.
- ▶ To select **Position**: turn and press the controller.
- ▶ Select **Save**.
The crosshair position is saved in the last destinations.

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 Previous Destinations**. The "Last destinations" memory appears.
- ▶ **To save the destination:** select the destination. The destination address appears.
- ▶ Store the destination in the address book (▷ page 94). Save a destination to the SD memory card (▷ page 95)
- ▶ **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. For instance, a different street or house number can be selected.
- ▶ **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.

- ❗ Alternatively, you can carry out this operation using the touchpad (▷ page 25).

Map settings

Setting the map scale

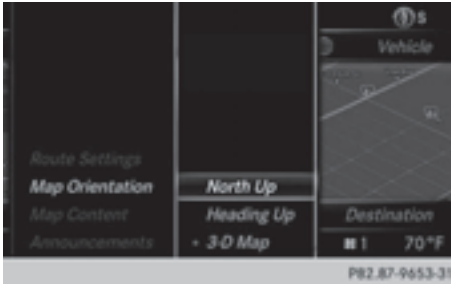
Requirement: the map is in full screen mode, the menu is faded out (▷ page 63).

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

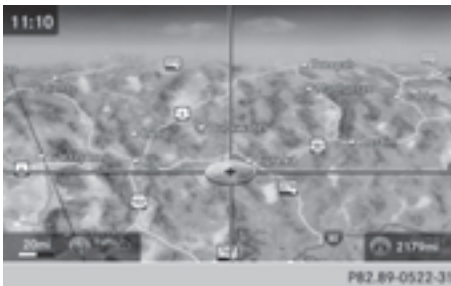
Right-hand-drive vehicles: the currently set map scale and compass needle are displayed in the lower right-hand section of the map.

- ▶ **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



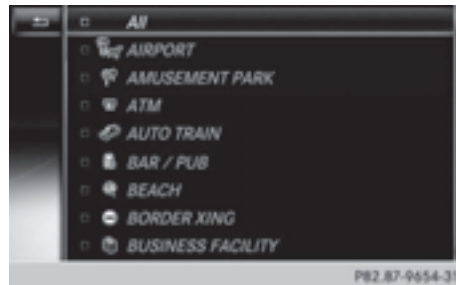
- ▶ **To switch to navigation mode:** press the **NAVI** button.
- ▶ **To show the menu:** slide the controller.
- ▶ To select **Options:** turn and press the controller.
- ▶ Select **Map Orientation**.
The ● dot indicates the current setting.
- ▶ Turn and press the controller.
The map orientation is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



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

Change map direction	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 pre-defined 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 highway information on/off

The following can be displayed when driving on a highway:

- the nearest gas stations and rest stops
- rest areas and highway exits and their present distances from the vehicle's current position (> page 86)
- ▶ **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 86).

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 64)

Map display

Displaying the navigation map

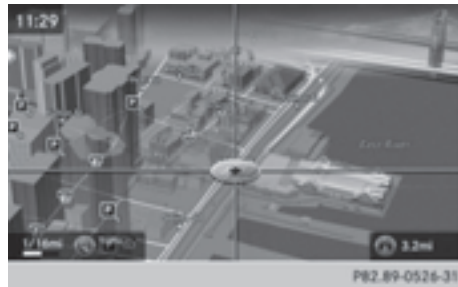


COMAND displays the navigation map and globe satellite images. This allows for a realistic map display free from distortion in all map scales.

Other functions:

- Moving the map (▷ page 64)
- Changing the map scale (▷ page 96)

Building images



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

Elevation model

The map uses elevation modeling to show a realistic illustration.


Country-specific information

You can call up information on the traffic conditions in the country you are currently driving

in via the COMAND Internet and online function.

The availability of information is country-dependent. Information can include maximum speeds, driving with low-beam headlamps or legal alcohol limits, for example.


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

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

▶ To select **Position:** turn and press the controller.

▶ Select **Country Information.**

When the online connection has been established, the available country information appears.

 Alternatively you can call up this function using the touchpad (▷ page 25).

▶ **To return to navigation:** press the  button.

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 of comparable length available


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

 Alternatively, you can carry out this operation using the touchpad (▷ page 25).

Avoiding a new area



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

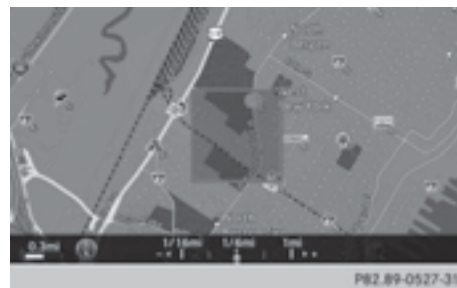
▶ Select **Avoid New Area.**

A menu appears.

▶ Select **Using Map** or **Address Entry.**

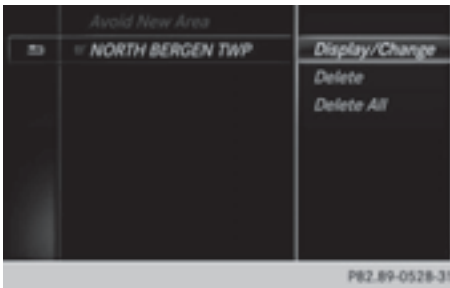
If you select **Using Map**, the map with crosshair appears.

When you have selected **Address Entry** the address entry menu appears (▷ page 67). 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 an area:** mark an area by turning 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.

i Alternatively you can call up this function using the touchpad (▷ page 25).

Registering for the SIRIUS XM traffic report service

- ▶ Call the provider telephone number shown on the COMAND display.
- i** 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 10 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.

For North American countries, it is possible to update the map data for COMAND free of charge for a period of three years. Information on the availability of this service for your vehicle can be obtained from your authorized Mercedes-Benz Center.

Entitlement to the free update

For the first three years after your vehicle is registered, you are entitled to all available updates to the map software for COMAND. They are usually installed during a regular vehicle service. After this period, you can purchase further updates from your authorized Mercedes-Benz Center.

The free updates relate to the vehicle and not to an individual. If there is a change of ownership within the three years after first registration, the new owner is entitled to the map software updates.

Updating at an authorized Mercedes-Benz Center

If an update for your map software is available, you will receive it free of charge at your authorized Mercedes-Benz Center during your vehicle's annual service. You can arrange a separate appointment for this at your authorized Mercedes-Benz Center on request.

The update can only be performed:

- at an authorized Mercedes-Benz Center
- for map data for North America

The map software is not provided on DVD.

Carrying out a manual update



After the free update of the map data has expired or when buying map data, you can update the data yourself.

The update process may take some time (up to 45 minutes), depending on the size of the digital map. The update will be completed more quickly if the vehicle is stationary. If you start the update with the engine switched off and the starter battery has insufficient power, COMAND may automatically switch off. This protects the battery. In order to prevent this, a suitable power supply to the vehicle must be maintained.

Navigation functions

Calling up the navigation system menu



- ▶ **To switch to navigation mode:** press the  button.
- ▶ **To show the menu:** slide  the controller. **Nav i** 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 change to the map: turn the controller until **Navigation** is shown and then press the controller.

Calling up the online map display




Requirement for online map display (USA): mbrace must be activated for Internet access (> page 146).

Requirement for online map display (Canada): a mobile phone must be connected via Bluetooth® (> page 112) or USB (> page 198) with COMAND.

- ▶ Call up the navigation menu (> page 103).
- ▶ 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.
- ▶ **i** Alternatively you can call up this function using the touchpad (> page 25).
- ▶ To exit the online map display: press the  button.


Calling up the compass display




- ▶ Call up the navigation menu (▷ page 103).
- ▶ 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
- ❗ Alternatively you can call up this function using the touchpad (▷ page 25).
- ▶ To exit the compass display: press the  button.

Drive information



- ▶ Call up the navigation menu (▷ page 103).
- ▶ Turn the controller until **Drive Information** is brought to the front.
- ▶ Press the controller.
The **Starting Drive Information. Please Wait...** message appears.
You will then see maps with the current vehicle position and the vicinity of the destination in different scales, these are automatically displayed one after another.
If mbrace is activated for Internet access (▷ page 146), additional information can be displayed, e.g. weather at the destination.
- ❗ Alternatively you can call up this function using the touchpad (▷ page 25).
- ▶ To exit Drive Information: press the controller.
- ▶ Press the  button.

Route flight

- ▶ Call up the navigation menu (▷ page 103).
- ▶ Turn the controller until **Route Flight** is brought to the front.
- ▶ Press the controller.
The route will then be flown along from a helicopter view.
- ❗ Alternatively you can call up this function using the touchpad (▷ page 25).
- ▶ **To exit the route flight:** press the controller.
- ▶ Press the  button.

Info on navigation



- ▶ Call up the navigation menu (▷ page 103).
- ▶ 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.
- ❗ Alternatively you can call up this function using the touchpad (▷ page 25).

Problems with the navigation system

Problem	Possible causes/consequences and ► Solutions
COMAND does not resume route guidance after the journey has been interrupted.	<p>Route guidance is canceled if you interrupt the journey for more than two hours.</p> <p>"Interrupting the journey" refers to stopping the vehicle.</p> <p>"Continuing route guidance" refers to switching COMAND back on and driving on.</p> <p>► Continue route guidance manually (▷ page 88).</p>

Problem	Possible causes/consequences and ► Solutions
COMAND is unable to determine the vehicle's position.	<p>COMAND has to redetermine the position of the vehicle if the vehicle has been transported.</p> <p>Example:</p> <ul style="list-style-type: none"> • After transporting the vehicle by ferry • After transporting the vehicle by motorail <p>► Start the vehicle and pull away.</p> <p>COMAND determines the vehicle's position. Depending on the driving situation, this may take some time.</p> <p>Route guidance may be restricted during the determination of the vehicle's position.</p> <p>When positioning is complete, route guidance is resumed with navigation announcements and route guidance displays.</p>

Problem	Possible causes/consequences and ► Solutions
The Navigation Unavailable Please refer to the Operator's Manual message appears.	<p>COMAND has an integrated hard drive on which the digital map is stored.</p> <p>To protect the integrated hard drive against damage, COMAND deactivates it at very high and low temperatures. The navigation system will then be temporarily unavailable.</p> <p>► Let the vehicle and COMAND heat up or cool down to a normal temperature.</p> <p>► To hide the message: switch COMAND off and then on again.</p>

Problem	Possible causes/consequences and ► Solutions
A message informs you that the data medium containing the digital map is incompatible with the vehicle software.	<p>The data medium containing the digital map cannot be used for the update.</p> <ul style="list-style-type: none"> ► To confirm the message: press the controller. ► Remove the data medium. ► Have the system database checked at an authorized Mercedes-Benz Center.

Problem	Possible causes/consequences and ► Solutions
The map software update has failed.	<p>The data medium is dirty.</p> <ul style="list-style-type: none"> ► Clean the data medium. ► Restart the update.
	<p>The data medium is scratched.</p> <ul style="list-style-type: none"> ► Consult an authorized Mercedes-Benz Center.
	<p>There is overheating due to excessive temperatures in the vehicle interior.</p> <ul style="list-style-type: none"> ► Wait until the vehicle interior has cooled down. ► Restart the update.
	<p>COMAND's integrated hard disk is defective.</p> <ul style="list-style-type: none"> ► Consult an authorized Mercedes-Benz Center.

Problem	Possible causes/consequences and ► Solutions
COMAND asks for an activation code during the map update.	<p>The digital map is secured with an activation code.</p> <ul style="list-style-type: none"> ► Consult an authorized Mercedes-Benz Center.

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Your COMAND equipment

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

WARNING

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

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

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

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

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

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

General notes

Telephony

A Bluetooth® interface is available for telephony.

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

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

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

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

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

HD Voice®

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

Requirements for HD Voice®:

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

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



Call disconnection while the vehicle is in motion

A call may be disconnected if:

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

Operating options

You can operate the telephone by:

- using the controller by turning, pressing, sliding $\leftarrow \odot \rightarrow$ or $\uparrow \odot \downarrow$
- using the touchpad (\triangleright page 25)
- using the  or  button on the multifunction steering wheel
- using the Voice Control System (see the separate 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:

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

Telephone menu





- 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 enter characters using the touchpad
- ⑦ 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 (\triangleright page 112).

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

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


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



Calls up the telephone menu

- ▶ Press **TEL**.

Showing the menu bar

- ▶ Slide $\odot \downarrow$ the controller.

If the mobile phone connected supports the MAP Bluetooth® profile (**Message Access Profile**), the  menu item is available. Further information on text messages and e-mail (\triangleright page 135).

If you have an unread text message or e-mail, the  mail symbol is displayed at the top 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 mobile phone or SIM card is full. The symbol disappears once you delete at least one message.

If the mobile phone supports the PBAP (Phone Book Access Profile) and MAP (Message Access Profile) Bluetooth® profiles, the following information will be transmitted after you connect:

- Phone book
- Call lists
- Messages

Further information on allowing or suppressing the automatic download of the phone book (▷ page 130).

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

i 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.

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

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 44).

On the mobile phone

- ▶ Switch on the mobile phone and enter the PIN when prompted to do so (see the manufacturer's operating instructions).
- ▶ Activate Bluetooth® and, if necessary, Bluetooth® visibility for other devices (see the manufacturer's operating instructions). This visibility is for restricted periods of time on some mobile phones (see the manufacturer's operating instructions).
- ▶ Set the Bluetooth® device name for the mobile phone if necessary.

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

Procedure and general information

Searching for and authorizing (connecting) a mobile phone

Before using your mobile phone with COMAND for the first time, you will need to search for the phone (▷ page 113) and then authorize it (▷ page 114). 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 always connected automatically after authorization.

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 114).

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

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

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 116).

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

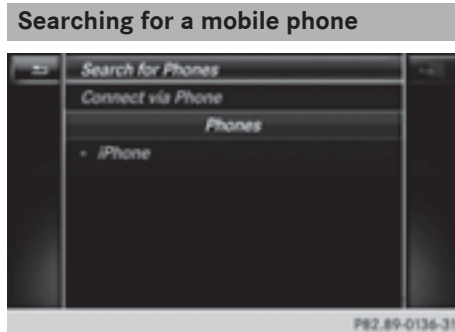
The duration of the search depends on the number of Bluetooth® telephones within range and their characteristics.

If a new phone is found, it appears in the device list with the **📱** symbol. You can now authorize (connect) the mobile phone found (> page 114).

If the maximum number of authorized devices in the device list is reached, you will be requested to de-authorize a mobile phone (> page 116).

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



Sym- bol	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. The prompt to confirm may take up to two minutes to be displayed. You may also save the confirmation on the mobile phone (see the manufacturer's operating instructions). The mobile phone is now authorized and connected to 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 116).

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 the Bluetooth® name of the desired mobile phone in the device list: turn and press the controller. The input menu for the passkey is displayed.

The passkey is a one- to sixteen-digit number combination which you can choose yourself.

- ▶ **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. The prompt to confirm may take up to two minutes to be displayed. You may also save the confirmation on the mobile phone (see the manufacturer's operating instructions). The mobile phone is now authorized and connected to 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 116).

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

- ❗ Some mobile phones require a passkey with four or more digits.
- ❗ If you wish to re-authorize the mobile phone after de-authorizing it, you can choose another passkey for it.

Establishing the connection from the mobile phone

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

- ▶ **COMAND:** call up the telephone menu.
- ▶ To switch to the menu bar: slide **☉↓** the controller.
- ▶ To select **Connect Device:** turn and press the controller. The device list is displayed.

- ▶ To select **Connect via Phone**: turn and press the controller.
A message is displayed, stating that you can start the search on your mobile phone.
- ▶ **Mobile phone**: start the search for a Bluetooth® device (see manufacturer's operating instructions).
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. The prompt to confirm may take up to two minutes to be displayed. You may also save the confirmation on the mobile phone (see the manufacturer's operating instructions).
The mobile phone is now authorized and connected to 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 116).

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 show the menu bar: slide **⊙↓** the controller.
- ▶ To select **Connect Device**: turn and press the controller.
The device list is displayed.
- ▶ To select the desired mobile phone: turn and press the controller.
The selected mobile phone is searched for and connected if it is within Bluetooth® range and if Bluetooth® is activated.

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

- i** 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 show the menu bar: slide **⊙↓** the controller.
- ▶ To select **Connect Device**: turn and press the controller.
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select **[Phone]**: 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.

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

Displaying connection details

- ▶ To call up the telephone menu: press the **TEL** button.
- ▶ To switch to the menu bar in the telephone menu: slide **⊙↓** the controller.
- ▶ To select **Connect Device**: turn and press the controller.
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select **[Phone]**: slide **⊙→** the controller.
- ▶ To select **Details**: turn and press the controller.

The following information concerning the selected mobile phone is shown:

- Bluetooth® device name
- Bluetooth® address

- Availability status (shown after a new search)
- Authorization status

- ▶ **To close the detailed display**: slide **←⊙** the controller.

Reception and transmission volume

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

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



- ▶ To call up the telephone menu: press the **TEL** button.
- ▶ To switch to the menu bar: slide **⊙↓** the controller.
- ▶ To select **Connect Device**: turn and press the controller.
The device list appears.
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select **[Phone]**: 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.


- i** 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 118).

Adjusting the call volume (▷ page 116).


Further information about ending a call (▷ page 121).

- i** You can also accept the call by using a voice command in the Voice Control System (see the vehicle Operator's Manual).
- i** If the phone number of the caller is transferred, it appears in the display. If the phone number is saved in the phone book, the contact's name is also displayed. If the phone number is not transferred, **Unknown** is shown in the display.

Rejecting a call



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

or

- ▶ Press  on the multifunction steering wheel.




Making a call

Using the telephone menu

- ▶ To call up the telephone menu: press the  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 121).

Using the touchpad

- ▶ To call up the telephone menu: press the  button.
- ▶ To select : turn and press the controller.
- ▶ Draw all the numbers on the touch-sensitive surface one after another.
- ▶ To select  in the telephone menu: turn and press the controller.
The call is made.


Further information about the touchpad (▷ page 27).

Using favorites

This function can be used when a telephone number has been added as a favorite. Further information about adding favorites (▷ page 35).


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

Redial

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

Further information about ending a call
(▷ page 121).

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 121).

Using the phone book

- ▶ To call up the telephone menu: press the **TEL** button.
- ▶ To select **Name** in the telephone menu: turn and press the controller.
- ▶ Search for a contact (▷ page 122).
- ▶ To make a call: press the controller.

Further information about ending a call
(▷ page 121).

Using speed dial

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

Further information on setting up speed dial
(▷ page 134).

Further information about ending a call
(▷ page 121).

Functions available during a call

Overview



- ① To add a call (▷ page 119)
- ② Person you are calling
- ③ Symbol for active telephone connection
- ④ To end a call
- ⑤ To switch the microphone on/off (▷ page 119)
- ⑥ To send DTMF tones (not possible with all mobile phones) (▷ page 119)

Available functions:

- Accepting a waiting call (▷ page 120)
- Making a second call (▷ page 119)
- Call waiting (▷ page 119)

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

Adding a call

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



① To add a call

- ▶ To select **2**: turn and press the controller.
- ▶ Make a call:
 - Using the telephone menu (▶ page 117)
 - Redial (▶ page 118)
 - Using call lists (▶ page 132)
 - Using the phone book (▶ page 117)
 - Using speed dial (▶ page 117)

Switching the microphone on/off

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

Switching off the microphone:

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

Switching on the microphone:

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

Sending DTMF tones

This function is not supported by all mobile phones.

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

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

Transmitting individual characters:

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

- i** You can also send DTMF tones using the Voice Control system (see the 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

- ▶ To select  or : turn and press the controller.
- or
- ▶ Press  on the multifunction steering wheel.
The selected call is active. The other call is on hold.

Ending the active call

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

or

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

- i** 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 119).

or

- ▶ Answer an incoming call (> page 120).
- ▶ To select **Conference** in the telephone menu: turn and press the controller.
The new participant is included in the conference call. **Conference** is displayed in the telephone menu.

Incoming call during an existing call (call waiting)


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

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

Accepting:

- ▶ To select  **Accept:** press the controller.

or

- ▶ Press  on the multifunction steering wheel.
The incoming call is active, the previously active call is on hold. You can switch back and forth between both calls (call waiting) (> page 119).


This is also the case if you accept the waiting call using the Voice Control System (see the separate operating instructions).

- i** 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 and press the controller.

or

- ▶ Press  on the multifunction steering wheel.


The behavior after the call is rejected depends on your mobile phone and mobile phone network provider.

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


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

Option 3: Both calls are ended.

Ending an active call

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

or


- ▶ Press  on the multifunction steering wheel.

The active call is ended.

Mobile phone voice recognition


You can start or end voice recognition on your mobile phone with this function. Further information on the voice recognition service; see the manufacturer's operating instructions.

To start the mobile phone voice recognition:

- ▶ Connect the mobile phone to COMAND ([▷ page 112](#)).
- ▶ Press and hold the  button on the multifunction steering wheel for more than one second.

You can now use the mobile phone voice recognition.

To end the mobile phone voice recognition:

- ▶ Press  on the multifunction steering wheel.
The mobile phone voice recognition is stopped.

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 130](#)).


In the telephone book, you can:

- Create new contacts ([▷ page 123](#))
- Add information to contacts ([▷ page 123](#))
- Search for contacts ([▷ page 122](#))
- Store contacts ([▷ page 124](#))
- Delete contacts ([▷ page 124](#))

Further information on importing contacts ([▷ page 130](#)).

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  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 122).

Further information on the symbols shown
(▷ page 122).

- i** You can also call up the phone book with the multifunction steering wheel; see the separate operating instructions.

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 vehicle Operator's Manual).
	Contact that was called up from a mobile phone
	Contact imported from the SD memory card or USB device.
	Contact imported via the Bluetooth® interface.


Find contact




Using the character bar




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

- ▶ To select characters: turn the controller and press to confirm. The first contact with the selected first character is highlighted in the phone book. If there are similar contacts, the next different character is shown. For example, with contacts such as **Jana** and **John**, the beginnings of the names are identical. The next different character **A** and **O** are offered for selection.
- ▶ Select the characters of the contact you are searching for one by one, pressing and confirming with the controller each time.
- ▶ To select  : turn and press the controller. The contacts in the phone book are displayed.
- ▶ To select a contact: turn and 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 .

Back to the character bar:

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

Information about character entry
(▷ page 31).

Using the touchpad

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

- ▶ Draw the letter on the touchpad surface.
The first contact with the selected first character is highlighted in the phone book.
Further information on handwriting recognition on the touchpad (▷ page 27).
- ▶ Draw additional letters on the touchpad surface one after another.
- ▶ To complete the search and return to the phone book: press the touchpad.
- ▶ To select and call the contact: glide up or down and press.

Displaying the details of a contact

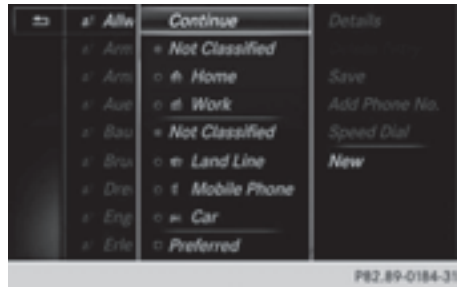


- ▶ To highlight a contact in the phone book: turn the controller.
- ▶ To select : slide the controller.
- ▶ To select **Details**: turn and press the controller.
The detailed view appears.

Closing the detailed display:

- ▶ To select : slide the controller.

Adding a new contact



- ▶ Slide the controller repeatedly in the phone book until the selection list appears.
- ▶ To select : slide the controller.
- ▶ To select **New**: 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 appears at the top of the list and is highlighted.

- ▶ To select **Continue**: turn and press the controller.
The input menu with input lines is displayed.
- ▶ Enter characters using the controller (▷ page 31) or the touchpad (▷ page 27).
- ▶ To finish and save an entry: select .
The contact is created in the phone book and in the address book.

Adding information to a contact

You can add a telephone number to an existing contact.

- ▶ To highlight a contact in the phone book: turn the controller.
- ▶ 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 appears at the top of the list and is highlighted.
- ▶ To select **Continue**: turn and press the controller.
The phone number is stored.

A maximum of five entries can be saved for one category.

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

Overwriting an entry





- ▶ To select **Yes**: turn and press the controller.
A list of the existing five phone numbers is displayed.
- ▶ To select the 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 31) or the touchpad (> page 27).

Canceling the overwriting of an entry


- ▶ 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 122).

- ▶ Search for a contact on the mobile phone  (> page 122).
- ▶ 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.

- i** 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.



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 a name

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



If there are only 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.

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

- ▶ To select **Yes**: turn and press the controller. The phone number is deleted.
- or
- ▶ To select **No**: turn and press the controller. The process is canceled.

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.

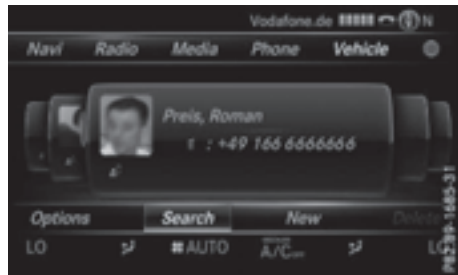
If a mobile phone is connected to COMAND and automatic calling up is activated (▶ page 130), the mobile phone's contacts are displayed in the address book. If you disconnect the mobile phone from COMAND, these contacts are no longer displayed in the address book.

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.

- i** 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.
- i** Before selling your vehicle, delete the contacts saved in COMAND using the reset function (▶ page 48).

Calling up the address book

- ▶ To call up the telephone menu: press the  button.
- ▶ To show the main function bar: slide  the controller.
- ▶ To select **Phone**: turn and press the controller.
- ▶ 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 130). The quality of the picture depends on the picture's resolution.


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

Find contact

Using the character bar

- ▶ Call up the address book (▷ page 125).
- ▶ 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 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 complete the search: slide  the controller repeatedly until the character bar disappears.

or

- ▶ To select  : turn and press the controller.
The contacts in the address book are displayed.
- ▶ To select a contact: turn and press the controller.

Information about character entry (▷ page 31).




Using the touchpad

- ▶ Call up the address book (▷ page 125).
- ▶ To switch to the menu bar: glide down.
- ▶ Select **Search**.
- ▶ Draw the letter on the touchpad surface.
The first contact with the selected first character is highlighted in the address book.
Further information on handwriting recognition on the touchpad (▷ page 27).

- ▶ Draw additional letters on the touchpad surface one after another.
- ▶ To complete the search and return to the phone book: press the touchpad.
- ▶ To select and call the contact: glide up or down and press.

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 125).
- ▶ 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 31) or the touchpad (▷ page 27).
- ▶ To save the surname and first name: select  .
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 31) or the touchpad (▷ page 27).
- ▶ To finish and save an entry: select  .

Displaying contact details



- ▶ Call up the address book (▷ page 125).
- ▶ 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

i 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
- two navigation addresses (transferred from navigation(▷ page 68))
- geo-coordinates

Adding information to a contact

- ▶ Call up the address book (▷ page 125).
- ▶ To select a contact: turn and press the controller.
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 31) or the touchpad (▷ page 27).
- ▶ To finish and save an entry: select **ok**.


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

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 125).
- ▶ To select a contact: turn and press the controller.
The details for the contact are displayed.
- ▶ To select an address: turn and press the controller.



or

- ▶ To select an entry with geo-coordinates: 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 125).
- ▶ 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 118).

Sending text messages

- ▶ Call up the address book (▷ page 125).
- ▶ 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 139).



Observe the requirements for the message function (▷ page 135).

Sending an e-mail

- ▶ Call up the address book (▷ page 125).
- ▶ 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 140).



Observe the requirements for the message function (▷ page 135).

Displaying sub-entry information

- ▶ Call up the address book (▷ page 125).
- ▶ 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.



Editing a contact





- ▶ Call up the address book (▷ page 125).
- ▶ 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.

Information about character entry (▷ page 31).

Changing the category of an entry

- ▶ Call up the address book (▷ page 125).
- ▶ 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 125).
- ▶ 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 125).
- ▶ Search for an address book entry with or without a voice tag  (▷ page 126).
- ▶ 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 125).
 - ▶ Search for an address book entry with a voice tag (▷ page 126).
 - ▶ 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 126).
- ▶ 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 125).
- ▶ To show 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 112).
- ▶ Call up the address book (▷ page 125).
- ▶ To show 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 122).

- ▶ Call up the address book (▷ page 125).
- ▶ 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.

- ▶ **i** 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 a name

- ▶ Call up the address book (▷ page 125).
 - ▶ Search for a contact (▷ page 126).
 - ▶ 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.

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.

- ▶ **i** 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 130).

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 net-books, for example. Bluetooth® must be activated in COMAND and on the respective device (see the manufacturer's operating instructions).

i If automatic calling up of the contacts is deactivated (▷ page 130), the **Import from Phone** option is available.


Importing from the memory card or USB device

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

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

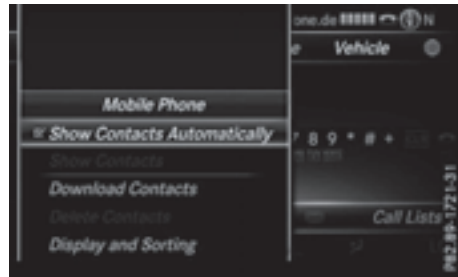
- vCards (vcf files) may be located in the main directory or in folders. COMAND allows you to select the relevant folders directly.
- vCards must have the file extension "vcf".

i 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** or **From USB device**: 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, the connection is terminated. vCards can now be received by a device (PC, mobile phone) via Bluetooth®.

External device

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


COMAND

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

Received vCards are identified by the  symbol in the address 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 change to the menu bar when in the address book or the telephone menu: slide  the controller.
 - ▶ To select **Options**: turn and press the controller.
 - ▶ To select **Delete Contacts**: turn and press the controller.
 - ▶ Select one of the following options:
 - **Internal Contacts**
 - **Imported from Storage Device**
 - **Imported from Bluetooth Devices**
 - **Downloaded from Phone**
 Turn and press the controller.
 - ▶ To select **Yes**: turn and press the controller. The contacts are deleted.
- or
- ▶ To select **No**: turn and press the controller. The process is canceled.

Closing the address book

- ▶ Press the  button one or more times.

Call lists

Introduction

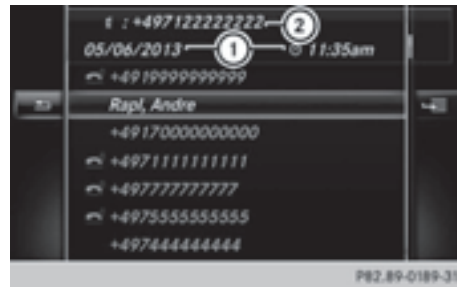
If your mobile phone supports the PBAP Bluetooth® profile, the call lists from the mobile phone are displayed in COMAND. When connecting the mobile phone, you may have to confirm the connection for the PBAP Bluetooth® profile.

If your mobile phone does not support the PBAP Bluetooth® profile, 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 133).

- ❗ 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




List of selected phone numbers (example)


- ① Date and time (if available)
 - ② Telephone number of the highlighted entry and symbols (if assigned)
- ▶ To call up the telephone menu: press the  button.
 - ▶ To switch to the menu bar: slide  the controller.
 - ▶ To select **Call Lists**: turn and press the controller.
 - ▶ To select **Calls Received** or **Calls Dialed**: turn and press the controller. The relevant list is displayed.
 - ▶ To select an entry and make a call: turn and press the controller.

Closing the call list

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






or

- ▶ Press the  button.
The list is closed.

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

Displaying details from a list entry







Abbreviated list entries can also be shown in full.

- ▶ To call up the telephone menu: press the  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  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 and is highlighted.
- ▶ 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 (\triangleright page 31) or the touchpad (\triangleright page 27).
- ▶ To finish and save an entry: select  .
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
(▷ page 126).
- ▶ Press the controller when you have finished searching.
The telephone number has been saved.
A maximum of five telephone numbers can be saved for one contact.

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

Overwriting an entry

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

Canceling the overwriting of an entry

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

Deleting call lists

Call lists which are generated and managed by COMAND can be deleted on COMAND.

You cannot delete call lists from COMAND which are displayed on a mobile phone that supports the PBAP Bluetooth® profile.

- ▶ 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.
- ▶ Select **Delete Call Lists**.
A prompt appears asking whether you wish to delete all call lists.
- ▶ To select **Yes**: turn and press the controller.
The call lists are deleted.

or





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

i If you delete call lists from the mobile phone (see the manufacturer's mobile phone operating instructions), COMAND updates the call list display the next time it connects.

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 122).
 - ▶ To select a contact: turn and press the controller.
The phone number has been saved as a speed dial.
 - ▶ To select **Call Lists**: turn and press the controller.
 - ▶ Select **Speed Dial Preset List**.
The speed dial list is displayed.
 - ▶ To highlight the desired memory position: turn the controller.
 - ▶ To select : slide  the controller.
 - ▶ To select **Delete All Speed Dial Presets**: turn and press the controller.
 - ▶ To select **Yes**: turn and press the controller.
All speed dials are deleted.
- or
- ▶ To select **No**: turn and press the controller.
The process is canceled.

Deleting

Deleting a speed dial preset


- ▶ To call up the telephone menu: press the  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  button.
- ▶ To call up the menu bar: slide  the controller.

Messages (text messages and e-mails)

General notes

New messages are identified by an audible signal and the  symbol in the COMAND display. 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 on the mobile phone.

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. The prompt for the MAP Bluetooth® profile may have to be confirmed on the mobile phone.

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 137).

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.

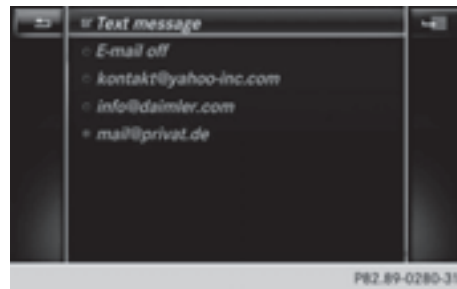
Not all mobile phones available on the market are equally suitable. You can obtain further information about settings and supported functions of Bluetooth®-capable mobile phones on the Internet at

www.mercedes-benz-mobile.com.

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

Settings

Calling up the settings menu for messages



- ▶ To call up the telephone menu: press the **TEL** button.
- ▶ To switch to the menu bar: slide **☉↓** the controller.
- ▶ To select **✉**: turn and press the controller. The message menu 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 136).
- ▶ 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. You can also display the last 100 text messages using



the **Download** option in the message menu.

- **Off**

The messages are not displayed automatically. You can display the 100 newest text messages from the mobile phone using the **Download** option in the message menu.

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

Configuring the e-mails displayed

- ▶ Call up the settings menu for messages (▷ page 136).
- ▶ To highlight an e-mail account: 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. You can also display the last 100 text messages using the **Download** option in the message menu.

- **Off**

The messages are not displayed automatically. You can display the last 100 text messages using the **Download** option in the message menu.

Configuring an e-mail account



- ▶ Call up the settings menu for messages (▷ page 136).
- ▶ 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 136).
- ▶ To select **E-Mail Off**: turn and press the controller. E-mail reception is deactivated.

Changing the displayed name of the e-mail account

Some mobile phones:

- do not support the changing of the displayed name
- support only the email address of the email account
- ▶ Call up the settings menu for messages (▷ page 136).
- ▶ 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  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

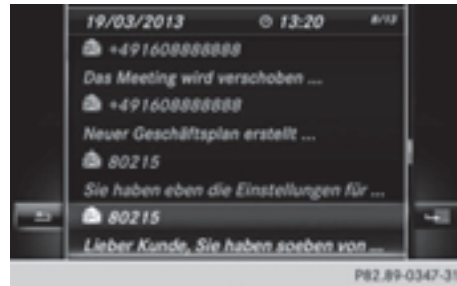


The message menu contains all the unread text messages and e-mails. If the corresponding folder is called up, the messages are displayed sorted by text messages and e-mails.

- ▶ 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.
- ▶ To close the message text: press the **↩** button.

If you want to read messages that have already been read again, you have to call up the corresponding message folder (> page 138).

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 **Text Message** or **E-Mail**: 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.
- ▶ To return to the list: press **↩**.

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.

- ▶ **i** 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 **[K]** button.
- or
- ▶ Press the controller, select **Cancel Read-Aloud Function** and press the controller again.

You can set the language (▷ page 45) and the speed (▷ page 41) 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 **[4]**: slide **⊙→** the controller.

- ▶ To select **Details**: turn and press the controller. The detailed view appears.
- ▶ **To close the detailed display**: slide **←⊙** the controller.
- ▶ **To return to the telephone menu**: press the **[BACK]** button.

Writing text messages

Writing a new text message




Observe the requirements for the message function (▷ page 135).


- ▶ 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 31) or the touchpad (▷ page 27).
- or

- ▶ To enter a phone number from the phone book: select . The contacts from the address book which have a phone number are displayed.
- ▶ Search for and select an entry (▷ page 122). 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 141).
- ▶ To send the text message: select **OK**.

Answering a text message

Observe the requirements for the message function (▷ page 135).




- ▶ Display the message (▷ page 138).
- ▶ 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 135).

- ▶ 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 31) or the touchpad (▷ page 27).
- or
- ▶ To insert an e-mail address from the address book: select . The contacts from the address book which have an e-mail address are displayed.
- ▶ Search for and select an entry (▷ page 122). The e-mail address is copied to the address 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 141).
- ▶ To send the e-mail: select **OK**.

Answering an e-mail

Observe the requirements for the message function (▷ page 135).

- ▶ Display the message (▷ page 138).
- ▶ 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 135).

- ▶ Display the message (▷ page 138).
- ▶ 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 139) or e-mail (▷ page 140).
- ▶ 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 139) or e-mail (▷ page 140).
- ▶ 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.
- ▶ Edit the text template as desired. Further information on character entry using the controller (▷ page 31) and on handwriting recognition on the touchpad (▷ page 27).
- ▶ To adopt changes to the text template, select : turn and press the controller.
The text template has been changed.

Calling a text message sender

- ▶ Display the message (▷ page 138).
- ▶ To call up a menu: press the controller.
- ▶ To select **Call Sender**: turn and press the controller.
The call is made.

Using a phone number in the text

Numbers in text messages that are highlighted can be used.

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

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

i You can use the "New entry" or "Add no." functions to save this telephone number or to add it to an existing entry.

Storing a sender as a new entry in the address book

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.
- ▶ To select **New Entry**: 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 31) or the touchpad (▷ page 27).
- ▶ 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.
- ▶ To select **New Entry**: 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 31) or the touchpad (▷ page 27).
- ▶ To finish the entry: select **OK**.
The new contact has been created.

Adding the sender to an address book entry

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.
- ▶ 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.
- ▶ To select **Continue**: turn and press the controller.
The address book is displayed.
- ▶ Search for the desired entry (▷ page 126).
- ▶ Press the controller when you have finished searching.
The telephone number has been added.

A maximum of five entries can be saved for one category.

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.
- ▶ To select **Add:** turn and press the controller.
The address book is displayed.
- ▶ Search for the desired entry (▷ page 126).
- ▶ Press the controller when you have finished searching.
The e-mail address has been added.

Deleting messages

- ▶ Call up the message folder (▷ page 138).
- ▶ 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.

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

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Your COMAND equipment

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Important safety notes

WARNING

If you operate information systems and communication equipment integrated in the vehicle while driving, you will be distracted from traffic conditions. You could also lose control of the vehicle. There is a risk of an accident. Only operate the equipment when the traffic situation permits. If you are not sure that this is possible, park the vehicle paying attention to traffic conditions and operate the equipment when the vehicle is stationary.

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

General notes

Connection difficulties while the vehicle is in motion

The connection may be lost if:

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

Function restrictions (Canada)

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

- when the mobile phone is switched off
- if your mobile phone has not been enabled for Internet access
- if the Bluetooth® function is switched off on 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 the mobile phone is not connected via USB and the phone is supposed to be connected via USB
- 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® and/or USB

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

- i** It is possible that you are not 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 112) or USB (▷ page 198) 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.

Conditions for a USB connection

- The mobile phone supports at least one of the USB classes:
 - RNDIS (**R**emote **N**etwork **D**river **I**nterface **S**pecification)
 - CDC/NCM (**N**etwork **C**ontrol **M**odel)
 - CDC/ECM (**E**thernet **C**ontrol **M**odel)
 - CDC/ACM (**A**ccess **C**ontrol **M**odel)

The USB classes enable the mobile phone Internet connection 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.

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


Setting up an Internet connection (Canada)

Procedure and general information

If you are using Internet access for the first time, you must enable the connected mobile phone for Internet access (▷ page 147). If the connected mobile phone supports the Bluetooth® PAN profile or the USB classes RNDIS, CDC/NCM or CDC/ECM, 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 or the named USB classes, predefined (▷ page 148) or manual access data (▷ page 148) must be set.

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

Enabling the mobile phone for Internet access

- ▶ To call up Internet functions (▷ page 151).
 - ▶ To switch to the menu bar: slide  the controller.
 - ▶ To select **Settings**: turn and press the controller.
 - ▶ To select **Configure Internet Settings**: turn and press the controller. A message is displayed telling you that the settings for the Internet functions depend on your mobile phone network provider and your mobile phone.
- If a mobile phone has already been enabled, the device list is displayed.
- ▶ To select **Start Search**: turn and press the controller.

Mobile phones are displayed that:

- are connected with 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 or the USB classes RNDIS, CDC/NCM or CDC/ECM, Internet access is set up. You can use the Internet functions.

If the connected mobile phone does not support the named Bluetooth® profile or the named USB classes, predefined (▷ page 148) or manual access data (▷ page 148) must be set.

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

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

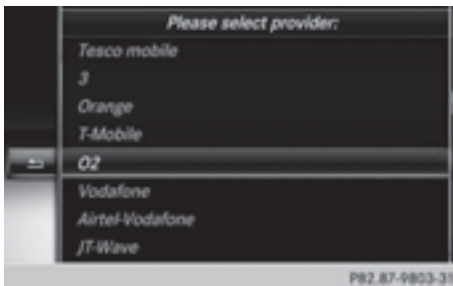
To check whether the predetermined dial-in data corresponds with the dial-in data provided by your mobile phone network provider, proceed as follows (▷ page 150) and select **Manual Settings**. The access data is displayed.

The access data for the mobile phone network provider is selected once for the mobile phone connected and is loaded again each time the mobile phone is connected. Establishing a connection (▷ page 151).

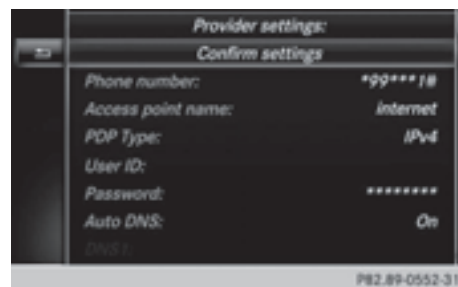
You must set the access data of the mobile phone network provider who provides the SIM card and the associated data package (access settings) for the connected mobile phone. The access data remains the same when you are in a different country (roaming). The access data of another network is **not** selected.

Setting access data of the mobile phone network provider

Selecting the predefined access data of the mobile phone network provider



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 149).
- ▶ 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 151).

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 (Access Point Name) 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.

Input field	Meaning
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.

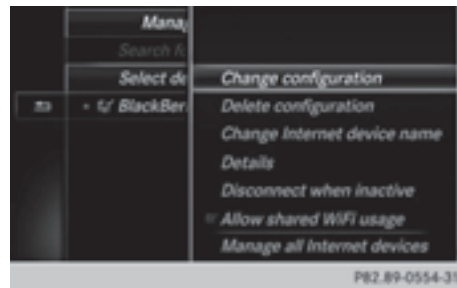
Managing existing access data

Calling up the device list




- ▶ To call up Internet functions (▷ page 151).
- ▶ 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 150).
- ▶ 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 148).
- Option 2: manually set the access data of the mobile phone network provider (▷ page 148).

Canceling Internet access permissions for a mobile phone




- ▶ Call up the device list (▷ page 150).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.

- ▶ To select : slide  the controller.
- ▶ To select **Delete Configuration**: turn and press the controller.
A prompt appears asking whether you wish to delete the Internet configuration.
- ▶ To select **Yes**: turn and press the controller.
The Internet access permission for the mobile phone is now canceled. The mobile phone can now no longer be used by the system for Internet functions.

or



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

Changing the device name of the mobile phone

- ▶ Call up the device list (▷ page 150).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select : slide  the controller.
- ▶ Select **Change Internet Device Name**.
A character entry appears.
- ▶ Enter name and confirm with  .
The device name is changed.

Setting automatic disconnection of the Internet connection

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

- ▶ Call up the device list (▷ page 150).
- ▶ To highlight the desired mobile phone in the device list: turn the controller.
- ▶ To select : slide  the controller.
- ▶ To select **Disconnect Automatically When Inactive**: turn and press the controller.
- ▶ To select **5 Minutes, 10 Minutes** or **20 Minutes**: turn and press the controller.

Establishing/ending the connection

Establishing the connection

Read the conditions for establishing a connection (▷ page 146).



A connection can be established by:

- entering a web address (▷ page 158)
- calling up the Mercedes-Benz mobile website (▷ page 157)
- calling up a Mercedes-Benz App (▷ page 157)
- calling up a favorite
- establishing an Internet connection via a wireless networking device. The "Allow shared WiFi usage" option must be activated on COMAND for this (▷ page 42)

Ending the connection

- ▶ Press **Cancel** in the connections window.

Calling up Internet functions

- ▶ To show the main function bar: slide  the controller.
- ▶ To select : turn and press the controller.
The menu with the Internet functions is displayed.


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 Internet functions (▷ page 151).
- ▶ To switch to the menu bar: slide  the controller.
- ▶ To select **Settings**: turn and press the controller.
- ▶ To select **Connection Status**: turn and press the controller.
The following information is displayed:
 - the volume of transferred data
 - connection status
 - the device name of the mobile phone

Ending the connection

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

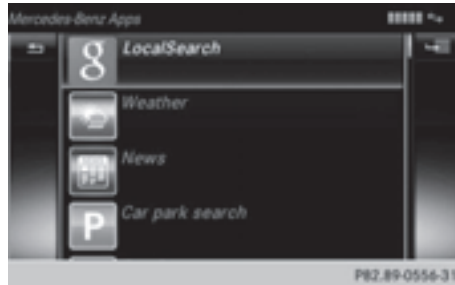
Canada:

- ▶ To call up Internet functions (▷ page 151).
- ▶ To switch to the menu bar: slide  the controller.
- ▶ To select : 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



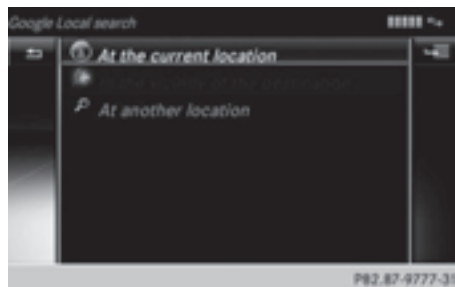
You do not need a Google™ account to use Local Search.

- ▶ To call up Internet functions (▷ page 151).
- ▶ To select **Mercedes-Benz Apps**: turn and press the controller.
- ▶ To select **Google Local Search**: turn and press the controller.

Further information on how to enter the search position and search term (▷ page 152).

- i** 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



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

The following options are available for Local Search:

- **At the current location**
Searches for destinations near the current vehicle position
 - **In the Vicinity of the Destination**
You can search for destinations in the vicinity of the destination if route guidance is active.
 - **At another location**
Searches for destinations near the location
- ❶ You can also select a destination from the general search history.
 - ▶ To select the required option: turn and press the controller.
 - ▶ To select **Enter search term**: turn and press the controller. The input menu for the search term is displayed.
 - ▶ Enter characters using the controller.
 - ▶ To complete the entry and start the search, select **OK**: turn and press the controller. The search results are displayed.
 - ❶ 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 153).

Using search results

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

Displaying details

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

Using a search result as a destination

- ▶ Select **Set as Destination**.
The navigation is called up. You can use the search result as the destination for route calculation.
- ❶ At the same time the search result is stored in the "Last destinations" memory. You can take the destination from this memory and save it permanently in the contacts.

Calling up a destination

- ▶ Select **Call**.
The telephone menu is called up and a call is activated.
- ❶ If there is no phone number available, the menu item cannot be selected.

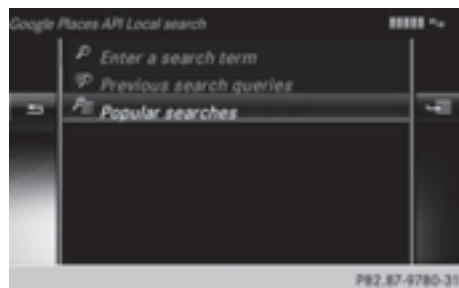
Calling up Google Street View™

- ▶ Select **Google Street View**.
Google Street View™ is called up.
- ❶ If no Google Street View™ information is available, a corresponding message appears.

Calling up Panoramio by Google™

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

Popular searches



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

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

- ▶ Call up Local Search (▷ page 152).
- ▶ To select the search position, e.g. **At current location**: turn and press the controller.
- ▶ To select **Popular searches**: turn and press the controller.
The most frequent search queries are displayed.

Search history

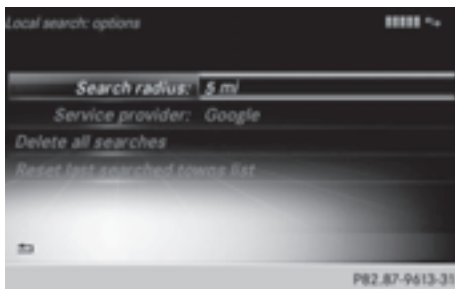
You can use this function if search queries have already been carried out.

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



- ▶ Call up Local Search (▷ page 152).
- ▶ To select the search position, e.g. **At current location**: turn and press the controller.
- ▶ To select **Search history**: turn and press the controller.
The most recent search queries are displayed.

Local Search settings

Calling up settings



- ▶ To call up Internet functions (▷ page 151).
- ▶ To select **Mercedes-Benz Apps**: turn and press the controller.

- ▶ To select **Google Local Search**: turn and press the controller.
- ▶ To select : slide  the controller.
The current settings are displayed.

Setting the search radius

- ▶ Call up Local Search settings (▷ page 154).
- ▶ To select **Search radius**: turn and press the controller.
A menu appears.
- ▶ To select the desired entry: turn and press the controller.
The selected setting is accepted.

Exiting a menu

- ▶ Select .

Resetting last location searches

- ▶ Call up Local Search settings (▷ page 154).
 - ▶ To select **Reset last location searches**: turn and press the controller.
A prompt appears asking whether the last location searches should be deleted.
 - ▶ To select **Yes**: turn and press the controller.
The search queries are deleted.
- or
- ▶ To select **No**: turn and press the controller.
The process is canceled.

Deleting search queries

- ▶ Call up Local Search settings (▷ page 154).
 - ▶ To select **Delete all searches**: turn and press the controller.
A prompt appears, asking whether the last search queries should be deleted.
 - ▶ To select **Yes**: turn and press the controller.
The last search queries are deleted.
- or
- ▶ To select **No**: turn and press the controller.
The process is canceled.

Destination/route download

Prerequisites

To download navigation locations you need a Google™ account and your vehicle identification number. Further information about the vehicle identification number (VIN) (▷ page 157).

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 155). Using the **Download POI** App, the destination is displayed in the vehicle (▷ page 155).

The destination can be:

- imported (▷ page 156)
- used for route guidance (▷ page 156)
- called up (▷ page 156)
- deleted from the server (▷ page 156)

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 157).
- ▶ 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 Internet functions (▷ page 151).
- ▶ 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 **Exit**.

Further information on how to use the destination for route guidance (▷ page 156).

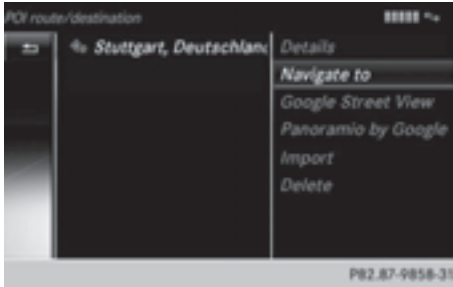
Further information on importing the destination (▷ page 156).



Further information on deleting the destination (▷ page 156).

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 155).
- ▶ 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 155).
- ▶ 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 112)
- the destination address contains a telephone number

- ▶ Display the destination in the vehicle (▷ page 155).
- ▶ 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 117).



Importing destinations

You can save destinations and routes on an SD card when importing.

- ▶ Insert the SD memory card (▷ page 182).
- ▶ Display the destination in the vehicle (▷ page 155).
- ▶ 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

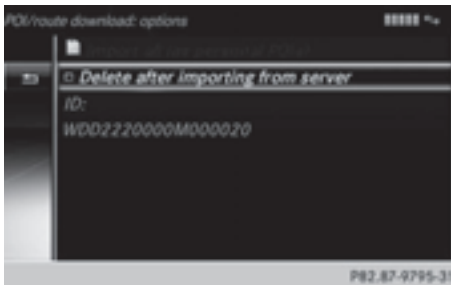
Destinations on the server are automatically deleted after seven days.



- ▶ Display the destination in the vehicle (▷ page 155).
- ▶ 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 Internet functions (▷ page 151).
- ▶ To select **Mercedes-Benz Apps**: turn and press the controller.
- ▶ To highlight **Download POI**: turn the controller.
- ▶ To select : slide  the controller. The vehicle identification number is displayed.

Exiting a menu


- ▶ Press the  button.

Deleting destinations automatically after importing to the server

Destinations on the server are automatically deleted after seven days.

- ▶ Select the Options menu for the **Download POI App** (▷ page 158). The menu shows the current settings.
- ▶ To select **Delete from server after importing**: turn and press the controller. Switch the setting on or off .

Exiting a menu

- ▶ Press the  button.

Further Mercedes-Benz Apps

General notes

To be able to use Mercedes-Benz Apps, you first have to register. To do so, you have to

enter your name and postal address once in the vehicle and confirm the general terms and conditions. A message to this effect appears the first time you call up the online and Internet functions.

For individual Mercedes-Benz Apps, it may be necessary to pay license fees before using. Use is then limited to a certain period of time. License fees must be paid again for use beyond this time period.

Mercedes-Benz Mobile Website



Connecting to the Internet: (▷ page 151)

The online functions contain the Mercedes-Benz Mobile Website as a predefined favorite.

- ▶ To call up Internet functions (▷ page 151).
- ▶ 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 Internet functions (▷ page 151).
- ▶ To select **Mercedes-Benz Apps**: turn and press the controller. The available **Mercedes-Benz Apps** are displayed.
- ▶ To select the desired app: turn and press the controller.

Additional Mercedes-Benz Apps can be purchased on the Mercedes-Benz website. You

can find further information at:


<http://apps.mercedes-benz.com/apps/>

The available features are country-dependent.



Closing Mercedes-Benz Apps

- ▶ Press the  button.
The Internet menu appears.

or



- ▶ Press the  button for longer than two seconds.
The Mercedes-Benz Apps menu or the Internet menu appears.

Adjusting the settings of individual apps

- ▶ To call up Internet functions (▷ page 151).
- ▶ To select **Mercedes-Benz Apps**: turn and press the controller.
- ▶ To highlight the desired app: turn the controller.
- ▶ To select : slide  → the controller.
The current app settings are displayed.

Resetting adjustments

This function resets all Mercedes-Benz Apps settings to the factory settings.

- ▶ To call up Internet functions (▷ page 151).
- ▶ To select **Mercedes-Benz Apps**: turn and press the controller.
The available **Mercedes-Benz Apps** are displayed.
- ▶ To select : slide  → the controller.
- ▶ To select **Reset**: turn and press the controller.
A prompt appears asking whether you really wish to reset.
- ▶ Select **Yes** or **No**.
If you select **Yes** the settings are reset.
If you select **No** the process is canceled.

Web browser


Calling up a website

Function restrictions



Internet pages cannot be shown while the vehicle is in motion.

Entering a web address




- ▶ Call up Internet functions (▷ page 151).
- ▶ 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  .

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  .
The website is called up.










Navigating the website

Step	Result
<ul style="list-style-type: none"> ▶ 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.
<p>Sliding the controller:</p> <ul style="list-style-type: none"> ▶ Left or right ←○→ ▶ Up or down ↑○↓ ▶ Diagonally ↗○↘ 	Moves the pointer on the page.
<ul style="list-style-type: none"> ▶ Press the controller. 	Opens the selected item.
<ul style="list-style-type: none"> ▶ Press . 	Calls up the menu.

Menu functions

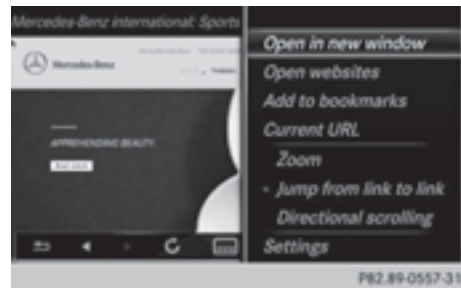


- ① Closes the browser
- ② Goes back/forward
- ③ Updates/cancels
- ④ URL entry
- ⑤ Favorites
- ⑥ Closes the window
- ⑦ Options



- ▶ **To show the menu:** press the  button.
 - ▶ **To call up the Options menu:** select  by turning and pressing the controller.
 - ▶ **To close the website:** select .
 - ▶ **To call up the previous website:** select .
 - ▶ **To call up the next website:** select .
 - ▶ **To refresh the website:** select . The website is refreshed. This procedure may take some time.
- i** While the website is loading, a cross appears in the menu. This can be used to cancel the loading procedure.
- ▶ **To enter a URL:** select .
 - ▶ Enter a web address (URL) (▷ page 158).
 - ▶ **Favorites:** select .
 - ▶ **To close the active window:** select .

Options menu

Opening in a new window





In order to be able to use this function, the cursor must be on a link.



- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller.
- ▶ Select **Open In A New Window**. The website is opened in a new window.

Adding to bookmarks

Adds the current website to the favorites. The website can then be called up using the menu. You can store up to 20 favorites in the menu.












- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller.
- ▶ Select [Add to Bookmarks](#).
The message: [The website was added to bookmarks](#) appears.

Current URL

- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller.
- ▶ Select [Current URL](#).
The URL appears.



Zoom

You can use this function to enlarge web pages.

- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller.
A menu appears. The • dot indicates the current setting.
- ▶ Select [Zoom](#).
- ▶ To navigate on the web page: slide   ,    or    the controller.
- ▶ To zoom in on the web page: turn the controller.



Jumping from link to link

You can use this function to skip from one link to the next on a website.

- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller.
A menu appears. The • dot indicates the current setting.
- ▶ Select [Jump From Link To Link](#).
If a website has been called up and the controller is turned, the cursor jumps from link to link.

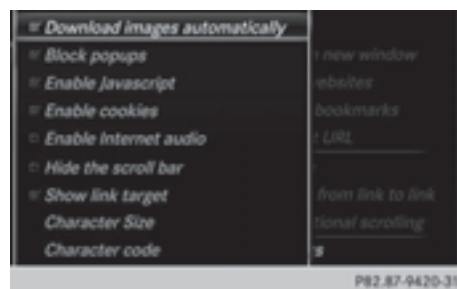
Directional scrolling

You can use this function to scroll up and down on the web page.



- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller.
A menu appears. The • dot indicates the current setting.
- ▶ Select [Directional Scrolling](#).
If a website has been called up and the controller is turned, the cursor moves up or down depending on the direction of the turn.

Settings

Overview



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- ▶ **To show the menu:** press the  button.
- ▶ To select : turn and press the controller. A menu appears.
- ▶ Select **Settings**.

You can activate or 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.

i If you change the settings, the websites may not be displayed correctly.

Deleting private data



- ▶ To call up Internet functions (▷ page 151).
 - ▶ To show the menu: slide  the controller.
 - ▶ To select **Settings**: slide , turn and press the controller. A menu appears.
 - ▶ To select **Delete Private Data**: turn and press the controller. A menu appears. The ● dot indicates the current setting.
 - ▶ To select the setting you require: turn and press the controller.
- or
- ▶ Select **Delete All Data On Exit**. Switch the setting on or off .

Option	Function
All	Deletes all personal data.
Cache	Deletes data in the cache.
Cookies	Deletes cookies that are created by websites which you have called up.
URL History	Deletes all websites visited (path).
<input checked="" type="checkbox"/> Delete All Data On Exit	If this function is activated <input checked="" type="checkbox"/> , all personal data is deleted when you exit the Internet browser.

- i** If you reset COMAND to the factory settings (reset function), these data and settings are deleted (▷ page 48).

Favorites

Introduction

Favorites are frequently visited websites.

Creating favorites

Adding a favorite in the menu

- ▶ To call up Internet functions (▷ page 151).
- ▶ Select **www**.
- ▶ Enter the web address (URL) and name using the character bar and press .

Adding to favorites

- ▶ To call up the menu: press the button.
- ▶ To select : turn and press the controller.
- ▶ Select **Add to Bookmarks** (▷ page 160).

Selecting favorites

- ▶ To call up Internet functions (▷ page 151).
- ▶ To select the **Internet Favorites** menu: turn and press the controller. The Favorites menu appears.
- ▶ Select the desired bookmark. The favorite is opened in a new window.

Editing favorites

- ▶ To call up Internet functions (▷ page 151).
- ▶ 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

- ▶ To call up Internet functions (▷ page 151).
- ▶ 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 browser

- ▶ Select in the browser menu (▷ page 159)

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


- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Switching on the radio

- ▶ Press the  button.
The radio display appears. You will hear the last station played on the last waveband selected.



Switching HD Radio on/off

- ▶ In radio mode: slide  the controller.
- ▶ Select **Options**.
- ▶ By selecting or in front of **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.

- i** HD Radio™ and the HD, HD Radio, and “Arc” logos are proprietary trademarks of iBiquity Digital Corp.

Overview





- ① Main function bar
- ② Status bar with compass display
- ③ Main display field with available stations and relevant information
- ④ Display of radio station selected
- ⑤ Radio menu bar

The following functions are available using the radio main function bar:

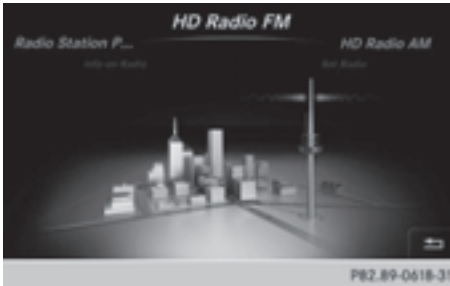
- **HD Radio FM:** HD FM radio mode
- **HD Radio AM:** HD MW radio mode
- **Sat Radio:** satellite radio
- **Radio Station Presets:** 100 preset positions for radio stations
- **Info on Radio:** information on radio in the Digital Operator's Manual

The following functions are available using the radio menu bar:

- : searches for stations by name
- **Band:** selects wavebands
- **Preset:** station presets menu
- **Info:** displays additional information about the current station (radio text)
- : sound settings, Burmester® sound
- **Options:** radio options

Setting the waveband

Button activation



- ▶ In radio mode: press the **RADIO** button. A menu appears with a selection of **HD Radio FM**, **HD Radio AM**, **Radio Station Presets** and **Info on Radio**.
- ▶ To select the required waveband: turn and press the controller.

Using the main function bar

- ▶ In radio mode: slide **↑** the controller. The radio main function bar and menu bar appear. **Radio** is active.
- ▶ Press the controller. A menu appears with a selection of **HD Radio FM**, **HD Radio AM**, **Radio Station Presets** and **Info on Radio**.
- ▶ To select the required waveband: turn and press the controller.

Using the menu bar

- ▶ In radio mode: slide **↻** the controller. The radio menu bar appears.
- ▶ To select **Band**: turn and press the controller. A menu appears with a selection of **HD Radio FM** and **HD Radio AM**.
- ▶ To select the required waveband: turn and press the controller.

Station

Selecting a station

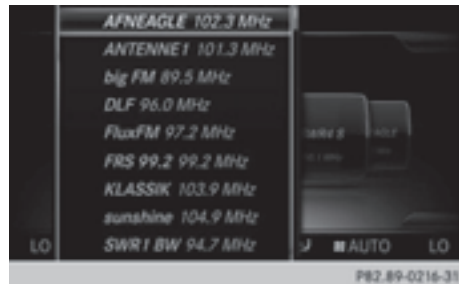
From the main display field



All currently available stations are displayed.

- ▶ In radio mode, turn the controller until the desired station is in the center.

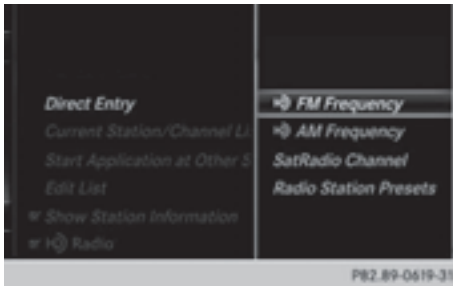
Using the current station list



i The station list is available in HD FM radio mode or HD AM radio mode. It includes all stations that can be received.

- ▶ In radio mode, press the controller. The station list appears with the stations currently available.
- ▶ To select the desired station: turn and press the controller.

Using direct entry



- ▶ In radio mode: slide the controller. The radio menu bar appears.
- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Direct Entry**. An additional menu appears.

HD FM radio mode:

- ▶ To select the **HD FM Frequency** option: turn and press the controller.
- ▶ Enter the frequency of the desired station in the entry field.

HD MW radio mode:

- ▶ To select the **HD AM Frequency** option: turn and press the controller.
- ▶ Enter the frequency of the desired station in the entry field.

Satellite radio mode:

- ▶ To select the **SatRadio Channel** option: turn and press the controller.
- ▶ Enter the frequency of the desired station in the entry field.

Station presets:

- ▶ To select the **Radio Station Presets** option: turn and press the controller.
- ▶ Enter the station preset of the desired station.

Using the search function

- ▶ In radio mode: slide the controller. The radio menu bar appears.
- ▶ Select and enter the first letters of the required station using the controller.
- ▶ Press **OK** to confirm. COMAND displays a list of available stations.
- ▶ To select stations from the list: turn the controller and press to confirm.

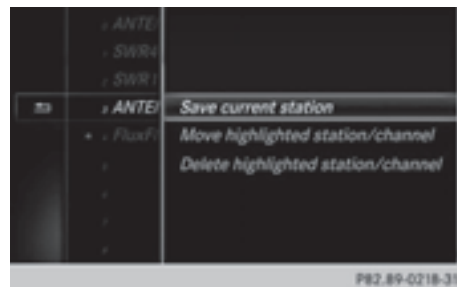
Using the preset position

- ▶ In radio mode: slide the controller.
- ▶ To select **Preset**: turn and press the controller.
- ▶ To select **Enter Preset**: turn and press the controller.
- ▶ Enter the station preset of the desired station.

Station list

- ▶ In radio mode, press the controller. The station list appears with the stations currently available.

Saving/deleting a station




Storing current stations

- ▶ In radio mode: slide the controller. The radio menu bar appears.
- ▶ To select **Preset**: turn and press the controller.

- ▶ To select the **Save Current Station/Channel** option: turn and press the controller.
- ▶ To select the position of the required preset entry: turn and press the controller.



or

- ▶ Select the **Edit Station Preset** option.
- ▶ Select the position of the required preset: turn the controller.
This can also be a preset position that is already occupied, which is then overwritten by the current station.
- ▶ Slide  the controller.
An additional menu appears.
- ▶ To select the **Save Current Station/Channel** option: turn and press the controller.
The currently set station is stored in the selected preset position. A tone signals a successful preset entry.

or



- ▶ In the main display field, press and hold the controller.
A list of current allocated preset positions appears.
- ▶ To select the position of the required preset and confirm: turn the controller and press.

Moving highlighted stations

- ▶ In radio mode: slide  the controller.
The radio menu bar appears.
- ▶ To select **Preset**: turn and press the controller.
- ▶ Select **Edit Station Preset**.
- ▶ To select the required preset entry: turn the controller.
- ▶ Slide  the controller.
An additional menu appears.

- ▶ To select the **Move Highlighted Station/Channel** option: turn and press the controller.
The list of stored stations appears again.
- ▶ To move the highlighted station to the new position: turn the controller and press to confirm.

Deleting highlighted stations


- ▶ In radio mode: slide  the controller.
The radio menu bar appears.
 - ▶ To select **Preset**: turn and press the controller.
 - ▶ Select **Edit Station Preset**.
 - ▶ To select the required preset entry: turn the controller.
 - ▶ Slide  the controller.
 - ▶ To select the **Delete Highlighted Station/Channel** option in the additional menu: turn and press the controller.
 - ▶ To select **Yes**: turn and press the controller.
The highlighted station is deleted.
- or
- ▶ To select **No**: turn and press the controller.
The process is canceled.

- i** Frequencies are already stored in COMAND. There are 100 preset positions available.


Activating/deactivating the station presets display

You can use this function to change to the station presets display.

Activating


- ▶ In radio mode: slide  the controller.
- ▶ To select **Preset**: turn and press the controller.
- ▶ To select **Station Preset View: On**: turn and press the controller.
The station preset display appears.
- ▶ To switch between the stored stations: turn the controller.

Deactivating


- ▶ In radio mode: slide  the controller.
- ▶ To select **Preset**: turn and press the controller.
- ▶ To select **Station Preset View: Off**: turn and press the controller.
A view of the last waveband you listened to appears.

Tagging music tracks



This function allows you to transfer the music track currently playing to an Apple® device. You can then purchase it in the iTunes® store.

- ▶ In radio mode: slide  the controller.
The radio menu bar appears.
- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Tag This Track**.
A message appears in COMMAND about storing the track information.

Displaying the artist and track

- ▶ In radio mode: slide  the controller.
The radio menu bar appears.
- ▶ To select **Options**: turn and press the controller.
- ▶ You can determine whether or not the artist, track or station name are shown in the main display area with or before **Show Station Information**.

Calling up sound settings


- ▶ In radio mode: slide  the controller.
The radio menu bar appears.
- ▶ To select : turn and press the controller.
The sound menu appears (▷ page 208).

Displaying information



This function is available in HD FM radio and HD AM radio mode.


Reception is only possible if the radio stations provide the relevant information.

- ▶ In radio mode: slide  the controller.
- ▶ To select **Info**: turn and press the controller.
If the station supports this function, additional information will be shown.

If available, you will see:

- station abbreviation
- the current track
- the artist of the current track
- information about the current program
- hotline number for the station or latest headlines

Back to radio display:

- ▶ To select **Info**: slide  and press the controller.

Satellite radio

General notes

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

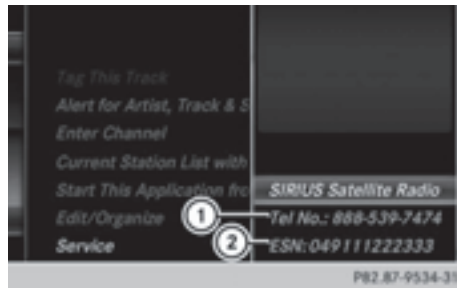
SIRIUS XM Satellite Radio offers more than 140 digital-quality radio channels providing 100% commercial-free music, sports, news and entertainment.

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 172).

The satellite radio main menu appears showing the preview channel. You cannot select any other stations.

- ▶ To select **Options** in the radio menu bar: turn and press the controller.
- ▶ To select **Service**: turn and press the controller. The service information screen appears.

Once the telephone connection has been established:



- ▶ Follow the instructions of the service staff. The activation process may take up to ten minutes. If the activation is completed successfully, the **Updating Channels...** message appears in the display, followed by the satellite radio main menu.

- i** 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).

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

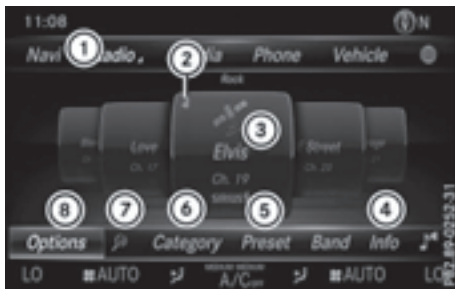
If the satellite receiver is not installed correctly, the **Device Unavailable** message will appear.

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 with the available radio modes appears.
- ▶ To select **Sat Radio**: turn and press the controller.

The **No Service** message appears if there is no signal.

Satellite radio overview



- ① Main function bar
- ② Preset
- ③ Channel name and channel number
- ④ Channel information
- ⑤ Station presets menu
- ⑥ Category list
- ⑦ Keyword search
- ⑧ Options menu

Channel information **④** can be viewed in detail (**>** page 175).

Selecting a category

Satellite radio channels are sorted into various categories. You can choose between var-

ious 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.

At the beginning of the category list, the **All Channels** category appears. This category enables you to browse all available channels.

Selecting a channel

Channel search

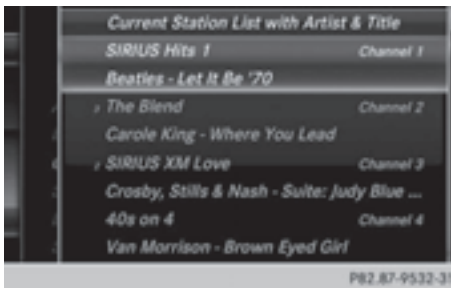
- ▶ When the display/section window is selected, slide **←**  or **→**  the controller. COMAND searches in both directions (ascending and descending) and stops at the next channel found in the selected category.

Entering channel numbers directly

- ▶ To select **Options** in the radio menu bar: turn and press the controller. The satellite radio menu appears.
- ▶ To select **Direct Entry**: turn and press the controller. An input menu appears.
- ▶ To select a channel number: turn and press the controller.
- ▶ COMAND sets the selected channel.

- i** You can only select currently permitted digits.

Selecting a channel via the satellite radio station list





You can select the channel using the station list displaying the artists and tracks that are currently playing.

- ▶ To select **Options** in the radio menu bar: turn and press the controller.
- ▶ To select **Current Station List with Artist & Title**: turn and press the controller. The channel list appears.
- ▶ Select the desired channel

Keyword search




- ▶ To select the keyword search  in the menu bar: slide  and turn the controller.
- ▶ To enter the required search term: turn and press the controller. Direct and indirect results are shown.
- ▶ Select the required result. The relevant channel is played.


Memory functions

Quick save:

- ▶ Set the desired channel in satellite radio mode.
- ▶ Press and hold the controller until the pre-set list appears.
- ▶ To select the preset number: turn and press the controller. A tone confirms that the storing process was successful.

Saving a channel using the edit function:

- ▶ In satellite radio mode, slide  the controller.
- ▶ To select **Preset**: turn and press the controller.
- ▶ To select **Edit 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.

-  There are 100 presets available.

Music and sports alerts

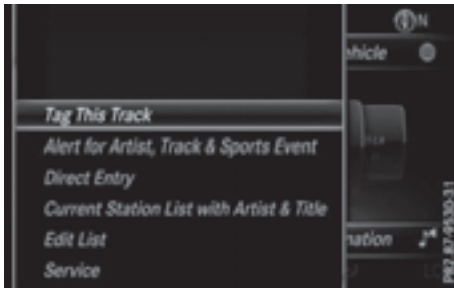
General notes

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 sports alerts via the menu option. The system then continuously searches through all the channels. If a match is found with a saved message, you will be informed. A window appears with the respective information.

Setting a music alert

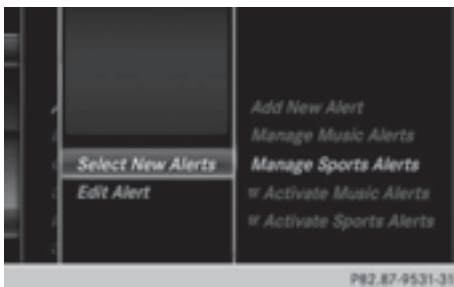


- ▶ To select **Options** in the radio menu bar: turn and press the controller.
- ▶ To select **Alert for Artist, Track & Sports Event**: turn and press the controller. A menu appears.
- ▶ Select **Add New Alert**. A window with a prompt appears.
- ▶ Select **Artist** or **Track**. The alert is set for the current artist or track.

The music alert window appears

- ▶ To select **Change To** or **Ignore**: turn and press the controller. If you select **Change To**, the channel is changed and the favorite artist or track is played. If you select **Ignore**, the current channel will continue playing.

Setting a sports alert



- ▶ To select **Options** in the radio menu bar: turn and press the controller.
- ▶ To select **Alert for Artist, Track & Sports Event**: turn and press the controller. A menu appears.
- ▶ Select **Manage Sports Alerts**. A menu appears.
- ▶ Select **Select New Alerts**. A menu appears.
- ▶ Select the desired team from a league, e.g. college, NBA, NHL, NFL or MLB. The alert function for the sports team is added.

Editing music and sports alerts

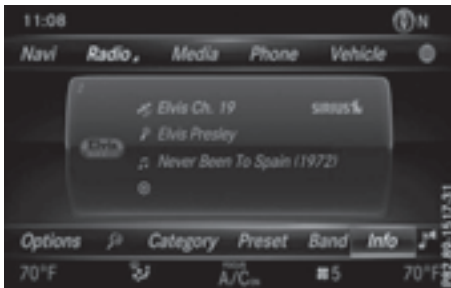
- ▶ Select **Edit Alert**. A list of set sports alerts appears.
- ▶ Select **Manage Music Alerts**. A list of set artists and tracks (artist) appears.

Tagging music tracks

This function allows you to transfer the music track currently playing to an Apple® device. You can then purchase it in the iTunes® store. Not all radio stations support this function.


- ▶ To select **Options** in the radio menu bar: turn and press the controller.
- ▶ To select **Tag This Track**: turn and press the controller. A message about saving this music track on the Apple® device appears.

Displaying information





- ▶ To select **Info** in the radio menu bar: turn and press the controller. Information on the currently received program is displayed.

If available, you will see:

- the channel logo
 - the channel abbreviation
 - the artist of the track that is currently being played
 - the current track
- ▶ **To return to the radio display:** select **Info** by sliding  and pressing the controller.

Displaying service information

The provider's customer service center is available by phone at any time to answer any general questions or questions on the versions available.

- ▶ To select **Options** in the menu bar: slide  and press the controller.
- ▶ To select **Service**: turn and press the controller. The provider's details appear.
- ▶ **To return to the main display:** press the  button.

Channel list updates

During reception of a new channel list, the **Updating Channels...** message is shown.

The station last selected is switched to mute until the update has been completed. Satellite radio mode is not available during this process.

Once the update has been completed, the satellite radio basic menu appears. If the channel previously selected is still available, this channel will be played.

Sound settings

Information on sound settings (> page 208).

Your COMAND equipment	178
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Media Register	188
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Video DVD mode	200
Picture viewer	205

Your COMAND equipment

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

Activating media mode

General notes

There are several ways to activate media sources using 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. If you wish to play external media sources, the default display must already be turned on.

The following external media sources can be used:

- Apple® devices (e.g. iPhone®)
- USB devices (e.g. USB stick, MP3 player)
- CD
- DVD video
- SD memory cards
- via devices connected by Bluetooth®

Button activation

- ▶ To call up the media menu: press the **MEDIA** button.
The last media source you have set is displayed.
- ▶ Press the **MEDIA** button again.
The menu appears with the available media sources.
- ▶ To select the media source: turn the controller and press to confirm.
Depending on the vehicle equipment, the following media sources will be available:
 - Disc
 - Memory Card
 - Media Register
 - Media Interface 1
 - Media Interface 2
 - Bluetooth Audio
 If playable music files are found, they will be played by COMAND.

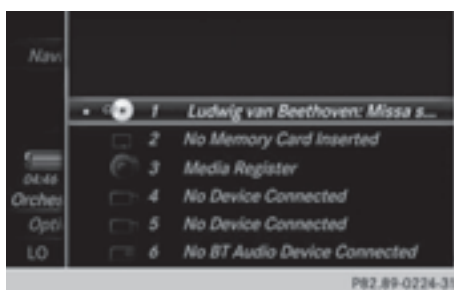
Using the main function bar



- ▶ 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 \uparrow \odot 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 device list



- ▶ In media mode, slide \odot \downarrow the controller.
The media menu bar is shown.
- ▶ To select **Devices**: turn and press the controller.
The available media sources will be shown. The \bullet 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.

Switching on automatically

After inserting a CD/DVD, this media mode is automatically switched on by COMAND.

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 CD/DVD mode will appear. If another function, such as navigation, is being operated, the basic display will

not change. Only the music from the last inserted CD/DVD will be played.

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-R, CD-A and CD-RW
- DVD-R, DVD-V and DVD-RW
- SD memory card
- USB storage device

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 proc-

ess the CD. COMAND plays only one session and gives priority to the audio CD session.

File structure of a data carrier

When you create a disc with compressed music files, the tracks can be organized in folders. A folder may also contain subfolders. The disc may contain no more than eight directory levels. Files beyond the eighth level will not be recognized by the system.

- i** COMAND supports up to 50,000 files from one data medium. For data media with more than 64 GB, only files in the following folders are supported: Music, Pictures, Video.

Track and file names

When you create a disc with compressed music files, you can assign names to the tracks and folders.

If MP3 or WMA files are stored in the root directory itself, the root directory will also be treated as a folder.

You should observe the following when assigning track names:

- track names must have at least one character.
- track names must have an extension of a supported audio/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:
"Track 1.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 up to 720p.

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

- i** Only use tracks with a bit rate of at least 128 kbit/s and a sampling rate of at least 44.1 kHz. Lower rates can cause a noticeable deterioration in quality. This is especially the case if you have activated a surround sound function.

Selecting an active partition (USB mass storage devices only)

You can select this function for USB storage devices when the storage device is partitioned. Up to 9 partitions (primary or logical, FAT, FAT32 and NTFS) are supported.

Selecting an active partition

- ▶ To select **Options** in the media menu bar: turn and press the controller.
- ▶ Select **Select Active Partition**.

Notes on copyright

Audio/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.


- i** COMAND is able to play back audio CDs in multichannel audio format.

Inserting and removing a disc from the single CD/DVD drive

Before inserting or removing a CD/DVD, ensure that the cup holder is empty.

- ▶ **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.

i The drive may not be able to play discs with copy protection.

- ▶ **To remove:** press the  button.
The drive ejects the disc.
- ▶ Remove the ejected disc from the slot.
If you do not take the disc out of the slot, it is drawn in again automatically after a short while.

Menu overview



- ① Main function bar
- ② Media menu bar
- ③ Track display on the disc
- ④ Track number and number of tracks in the track list
- ⑤ Artist and album
- ⑥ Numerical time display

- ⑦ Graphic time display
- ⑧ Cover view (if available)

Inserting and ejecting an SD memory card

Important safety notes

WARNING

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

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

! If you are no longer using the SD memory card, you should remove it and take it out of the vehicle. High temperatures can damage the card.

COMAND supports SD memory cards (Secure Digital), SDHC memory cards (Secure Digital High Capacity), and SDXC memory cards (Secure Digital eXtended Capacity).

Inserting an SD memory card

- ▶ Insert the SD memory card into the SD card slot until it engages. The side with the contacts must face downwards. If the memory card has been selected as a media source, the medium is played and the files are loaded in the background. If there are no supported audio/video files, you will see a message to this effect.
- ▶ Select the media source (▷ page 178).

Ejecting an SD memory card

- ▶ Press the memory card. The memory card is ejected.
- ▶ Remove the memory card.

Connecting USB devices

There are two USB ports in the stowage space under the armrest.

- ▶ Connect the USB device to the USB port. If the corresponding media display is visible, the medium is played and the files are loaded in the background. If there are no supported audio/video files, you will see a message to this effect.

i MP3 players must support Media Transfer Protocol (MTP).

Activating media mode

Switching on automatically

After inserting a CD/DVD, this media mode is automatically switched on by COMAND.


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 CD/DVD mode will appear. If another function, such as navigation, is being operated, the basic display will not change. Only the music from the last inserted CD/DVD will be played.


Depending on the vehicle equipment, the default display must already be turned on when using with USB devices or SD memory cards.

- ▶ Insert the CDs/DVDs (▷ page 181)
 - or
 - ▶ Insert an SD memory card: (▷ page 182)
 - or
 - ▶ Connect a USB device: (▷ page 182)
- COMAND loads the medium inserted and starts to play it automatically.

Further options for switching on

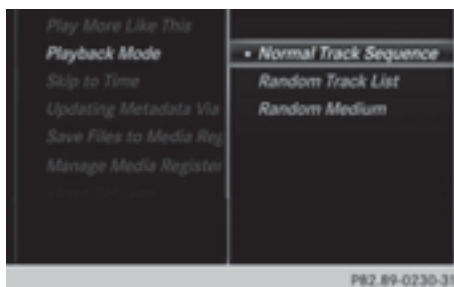
- Using the main function bar: (▷ page 178)
- Using the device list: (▷ page 179)
- Using the  button: (▷ page 178)

Playback options

- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Options**: turn and press the controller.

Playing similar tracks

- ▶ To select **Play More Like This**: turn and press the controller. COMAND automatically creates and plays a track list with similar tracks. If there are no comparable tracks on the data carrier, you will see a message to this effect.
- ▶ Select the required track.



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.



Direct track entry

- ▶ To select **Track Number::**: turn and press the controller. A menu appears.
- ▶ Enter the desired track number.

Skip to time

- ▶ To select **Skip to Time**: turn and press the controller. A menu appears.
- ▶ To set the time: turn the controller or
- ▶ Set the desired time.

Selecting an active partition

- ▶ To select **Select Active Partition**: turn and press the controller. With the **Select Active Partition** option, you can select a partition in the USB data medium.

Showing track information

- ▶ To select **Show Track Information**: turn and press the controller. Ticking or removing the tick from the box in front of **Show Track Information** displays or hides the information on the track, artist and album in the main display field.

Saving files to Media Register

- ▶ **i** With the **Save Files to Media Register** option, you can transfer supported audio, image or video files to the COMAND hard drive.

- ▶ To select the **Save Files to Media Register** option: turn and press the controller. A menu appears (▷ page 188).



Media

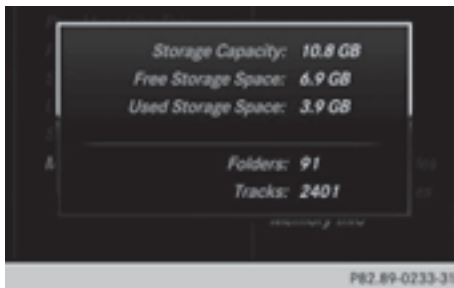
Managing Media Register

- ▶ To select **Manage Media Register**: press the controller.

The contents are shown. Using the controller, files and folders can be renamed or deleted.

When renaming files and folders a menu appears. The characters are entered using the controller (▷ page 31).

- ▶ To select **Delete All Media Files**: turn and press the controller. Files and folders can be completely deleted from the Media Register.



- ▶ Select **Memory Info**: important parameters for your COMAND hard drive are shown.

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 and press the controller. 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

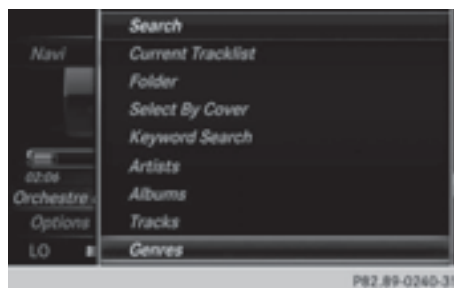
Selecting using the current track list


- ▶ **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.

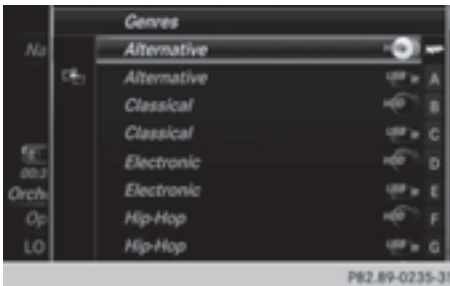
Selecting by skipping to a track

- ▶ To skip forwards or backwards to a track: turn or briefly slide or the controller in the media basic display.

Search menu



- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Search**: turn and press the controller. The category list is shown.
- ▶ Select a category, e.g. **Genres**. Sub-categories appear with the selection of the main category (depends on the COMAND default settings and the music tracks available).



- ▶ Select a sub-category, for example **Rock**. If the sub-category **Rock** contains music tracks, these will be displayed.

Gracenote® Media Database

General notes

This function is available in audio CD 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 CD audio mode.


Internet update of metadata

The option **Update metadata via Internet** allows any missing metadata for an audio CD (e.g. cover, track, album, artist) to be uploa-

ded retrospectively to the internal Gracenote® database.

An Internet connection is required for this (> page 151).

Selecting Internet update of metadata

- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Updating Metadata Via Internet** in the selection list.

A connection with the Gracenote® data server is established. The missing data is loaded, saved and displayed in the main display field.

If there is no data found or there is no Internet connection, a corresponding error message will appear.

Switching the Gracenote® data display on/off

- ▶ Switch on audio CD mode (> page 182).
- ▶ To select **Gracenote Media Database**: turn and press the controller.
- ▶ To switch the display off: select **None**. In the basic display, **Track 1** is shown instead of the Gracenote® data, for example.
- ▶ To switch on the display: press the controller.

Media search


General notes

COMAND plays back files from the following data mediums:

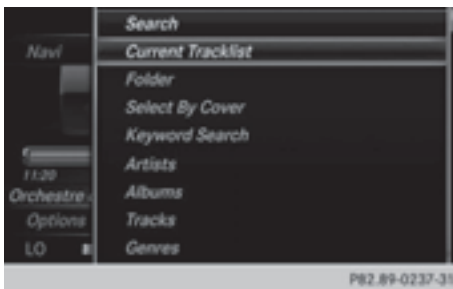
- Disc (CD/DVD Audio)
- Memory card
- Media Register
- USB storage device
- Apple® devices (folder, year and photos are not available)


The categories are displayed according to the data available.

Starting the media search

- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Search**: turn and press the controller. The category list appears.

Category list



- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Search**: turn and press the controller. The category list is shown.

Depending on the connected media sources and files, the following categories are listed:

- **Current Tracklist**
- **Folder**
- **Select By Cover**
- **Keyword Search**
- **Playlists**
- **Artists**
- **Albums**
- **Track**
- **Genres**
- **Year**
- **Composers**
- **Videos**
- **Photos**

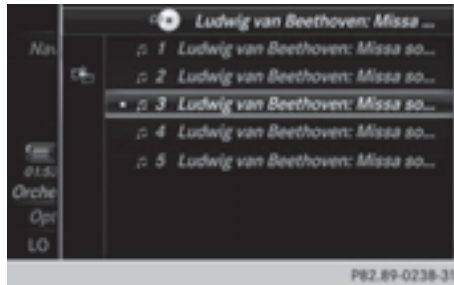
- **Podcasts**
- **Audiobooks**

i 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 Tracklist** in the category list: turn and press the controller. The selection list appears.
- ▶ Select the required track.

Searching by folder

Playable files can be searched for in the active data medium's directories.

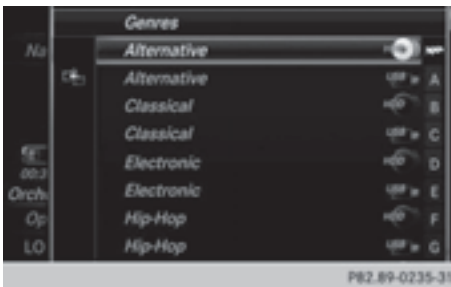
- ▶ To select **Folder** in the category list: turn and press the controller. The folder list appears.
- ▶ Select the required folder. The track list appears.
- ▶ Select the required track.

Selecting by cover




- ▶ To select **Select By Cover** in the category list: turn and press the controller. A menu with cover views appears. COMAND searches all media sources.
- ▶ To move the desired folder to the front: turn the controller. The track list appears.
- ▶ To select the desired track: turn and press the controller.

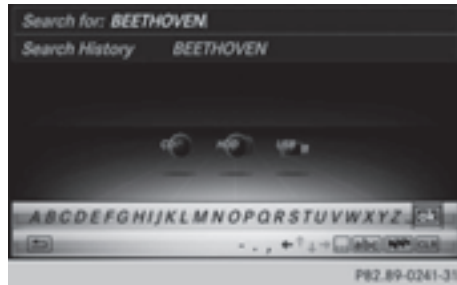
Searching by genre



- ▶ To select **Genres** in the category list: turn and press the controller. 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.

Keyword search



- ▶ To select **Keyword Search** in the category list: turn and press the controller. The input field appears.
- ▶ To select required characters: turn and press the controller for each letter (> page 31). Entering just part of the name of a track or artist is enough. The search result then displays the entire text.

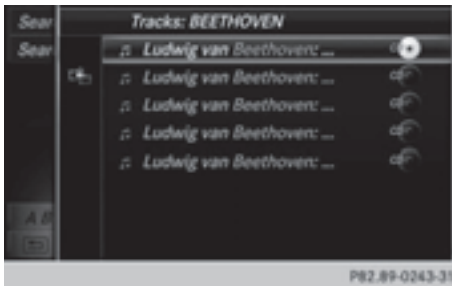


- ▶ Select  . The search results are displayed. The numbers behind the results, as shown in the example **Tracks (5/0)**, mean: 5

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 an entry.
Albums and covers (if available) are shown. COMAND searches all media sources.
- ▶ Select an album.
The tracks are listed.

Media



- ▶ Select a track.
The basic display appears and playback starts.

Media Register

General notes

You can store music files, photos or video files in the MEDIA REGISTER. The memory has a capacity of 10.8 GB.

- i** Keep your original music files, photos and video files in a secure location. A malfunction in COMAND may result in the loss of music files stored in the MEDIA REGISTER. Mercedes-Benz is not liable for any loss of data.

Switching on the MEDIA REGISTER

- ▶ In media mode press the **MEDIA** button.
The menu appears with the available media sources.
- ▶ To select **Media Register**: turn and press the controller.

Playback begins at the point last listened to. If there are no files, you will see a message to this effect.

Further options for switching on:

- using the main function bar: (▷ page 178)
- using the device list: (▷ page 179)
- using the **MEDIA** button: (▷ page 178)

MEDIA REGISTER basic display



- ① Main function bar
- ② Display for the active data medium
- ③ Media menu bar
- ④ Track display on the disc
- ⑤ Track number and number of tracks in the track list
- ⑥ Numerical time display
- ⑦ Graphic time display
- ⑧ Cover view (if available)

Copying files to the MEDIA REGISTER

General notes

You can copy photos, music files and videos from the following data mediums:

- Disc (CD/DVD)
- SD memory card

- USB storage device
- MP3

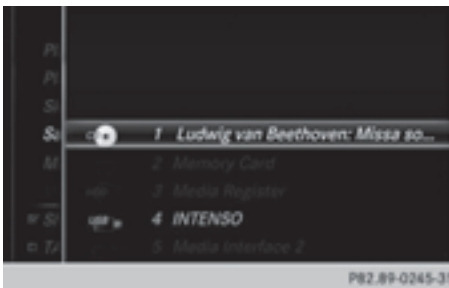
i Data can only be copied from an MP3 player if this can be configured as a mass storage device.

Video files from DVD-V cannot be copied.

While copying, several functions will not be available. If this is the case, you will see a message to this effect.

1. Selecting a data medium

- ▶ In media mode: press the **MEDIA** button. The menu appears with the available media sources.
- ▶ To select the media source: turn the controller and press to confirm.
- ▶ To switch to the menu bar: slide **⊙**↓ the controller.
- ▶ To select **Options**: turn and press the controller.

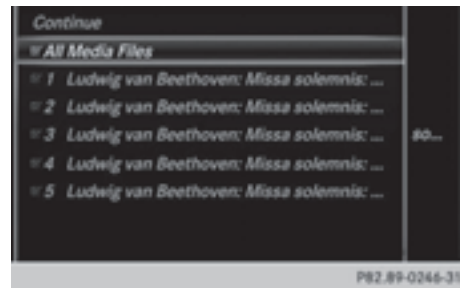


- ▶ Select **Save Files to Media Register**. The media list appears. A data medium from which files can be copied is selected automatically.

i The **Save Files to Media Register** function can be reached from any media application.

- ▶ Select the displayed data medium. The data medium is loaded. If the data medium contains files that can be copied, a selection menu appears.

2. Selecting files



- ▶ To select **All Media Files**: turn and press the controller.

This command copies all files from the selected data medium. The symbol next to **All Media Files** is filled in. All subsequent entries have a checkmark beside them.

- ▶ Select a folder. A checkmark next to the folder entry highlights the selection.
- ▶ To select **Continue**: turn and press the controller. The copying menu appears.

3. Starting the copying process



In the example, files are copied from a USB device to the Media Register.

- ▶ To select **Start**: press the controller.

i The selection of a target folder is optional. If there is no target folder given, the selected files are saved to the main directory of the Media Register.

- ▶ To select **Target Folder**: turn and press the controller.
- ▶ Select a folder.
- ▶ Select **Continue**.
- ▶ 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 there is not enough memory space, a message to this effect appears.

Once the copying procedure is complete, you will hear the first track of the copied album. You can now copy more files to the MEDIA REGISTER.

- ▶ **To cancel copying**: select **Cancel**. Files are stored in the MEDIA REGISTER up until the point of cancellation.

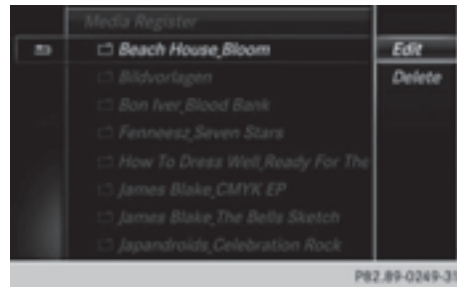
i It is possible to change to a different function (e.g. radio) during the copying procedure. The copying procedure continues in the background. While the copying procedure is taking place, this is shown by a symbol in the status bar.

Renaming/deleting files

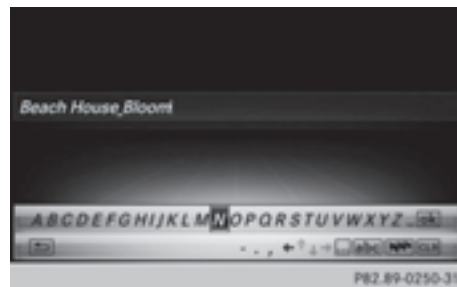


- ▶ In media mode: press the **MEDIA** button. The menu appears with the available media sources.
- ▶ To select the media source: turn the controller and press to confirm.
- ▶ To switch to the menu bar: slide **⊙**↓ the controller.

- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Manage Media Register**.
- ▶ Select **Rename / Delete Files**. The file list is displayed.
- ▶ To highlight the selected files: turn and press the controller.
- ▶ Slide **⊙**→ the controller. You can select between **Edit** and **Delete**.



- ▶ To select **Edit** for the file: turn and press the controller. The following entry field appears:



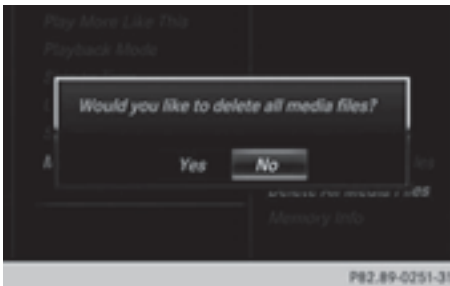
- ▶ Rename the file.
- ▶ To save changes with **OK**: turn and press the controller. Renaming a file only changes the name. Depending on whether or not the **Show Track Information** option has been selected, this change may not be seen in the main display field.
- ▶ To select **Delete** for the file: press the controller.

Deleting all files

! In order to prevent malfunctions, do not use COMAND during this time.

This function deletes all files from the MEDIA REGISTER.

- ▶ In media mode: press the **MEDIA** button. The menu appears with the available media sources.
- ▶ To select the media source: turn the controller and press to confirm.
- ▶ To switch to the menu bar: slide **⊙**↓ the controller.
- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Manage Media Register**.
- ▶ Select **Delete All Media Files**. The prompt **Would you like to delete all media files?** appears. **No** is highlighted.

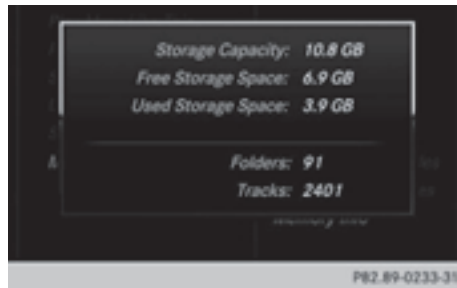


- ▶ To select **Yes**: turn and press the controller. The **Please Wait...** message appears. The **Data Deleted** message then appears. All files are deleted.

or

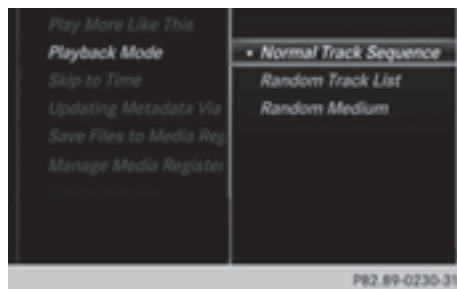
- ▶ To select **No**: press the controller. The process is canceled.

Calling up memory space info



- ▶ In media mode: press the **MEDIA** button. The menu appears with the available media sources.
- ▶ To select the media source: turn the controller and press to confirm.
- ▶ To switch to the menu bar: slide **⊙**↓ the controller.
- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Manage Media Register**.
- ▶ Select **Memory Info**.

Selecting a playback mode



The following options are available:

- **Normal Track Sequence**: the tracks are played in the normal order (e.g. track 1, 2, 3 etc.).
- **Random Medium**: all the tracks on the medium are played in random order.
- **Random Track List**: the tracks in the currently active track list are played in random order.

- ▶ In media mode: press the **MEDIA** button. The menu appears with the available media sources.
- ▶ To select the media source: turn the controller and press to confirm.
- ▶ To switch to the menu bar: slide **⊙**↓ the controller.
- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Playback Mode**. The options list appears. The • dot indicates the current setting.
- ▶ Select the desired option. The option is switched on. For all options except **Normal Track Sequence**, you will see a corresponding icon in the main display.

i The **Normal Track Sequence** option is automatically selected when you change the disc you are currently listening to or when you select a different medium. If an option is selected, it remains selected after COMAND is switched on or off.

Bluetooth® audio mode

Connecting Bluetooth® audio devices

Prerequisites

- ▶ Activate the Bluetooth® function in COMAND (▷ page 44).

Bluetooth® audio mode requires a Bluetooth®-capable audio device.

Check your Bluetooth® audio device for the following (see the manufacturer's operating instructions):

- Bluetooth® audio profile
The Bluetooth® audio device must support the A2DP and AVRCP Bluetooth® audio profiles.
- Bluetooth® visibility
Certain Bluetooth® audio devices do not just require activation of the Bluetooth®

function. In addition, your device must be made "visible" to other devices.

- Bluetooth® device name

This device name is predetermined but can usually be changed. For a clear selection of the Bluetooth® device, Mercedes-Benz recommends that you customize the device name.

i **A2DP (Advanced Audio Distribution Profile)**: Bluetooth® audio profile for audio data transmission
AVRCP (Audio Video Remote Control Profile): Bluetooth® audio profile for audio data playback.

i The Bluetooth® device must be visible for authorization. After authorization, COMAND even finds the Bluetooth® device when it is not visible.

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.

i 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 113)
- in the Bluetooth® device list (▷ page 193)

Mercedes-Benz recommends authorizing a mobile phone in Bluetooth® telephony (▷ page 114).

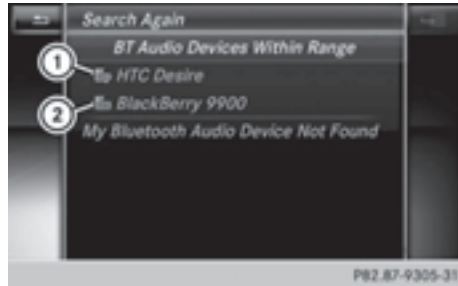
i If the mobile phone that is connected only supports two Bluetooth® profiles at the same time, COMAND functions may behave as follows:

- 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

- ▶ To call up the media menu: press the **MEDIA** button.
The last media source you have set is displayed.
- ▶ To display the main function bar: slide **↑** the controller.
- ▶ To select **Media**: turn and press the controller.
- ▶ To select **Bluetooth Audio**: turn and press the controller.
A menu appears.
If you see the **No Bluetooth Audio Device Connected** message, you will need to authorize the Bluetooth® audio device first.
- ▶ To select **Options** in the Bluetooth audio menu: slide **Ⓞ↓** the controller and press to confirm.
- ▶ To select **Bluetooth Audio Devices**: press the controller.
A new menu appears.



- ① Bluetooth® audio player within range and already authorized
- ② Newly detected mobile phone with Bluetooth® audio mode in range

The Bluetooth® device list displays all authorized devices, whether they are within range or not. After a device search, devices which are within range but not authorized are also displayed.

Searching for Bluetooth® audio

- ▶ To select **Search for Audio Devices**: press the controller.
A message appears.
- ▶ Select **Start Search**.
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.
- i** 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 114). After successful authorization, the Bluetooth® audio device is connected and starts playing.

Option 2: Secure Simple Pairing

- ▶ You can find information on this in the "Authorizing (connecting) a mobile phone" section (▷ page 114). After successful authorization, the Bluetooth® audio device is connected and starts playing.

i 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 is 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 196).
- ▶ To select **Options**: slide **⊙**↓ and press the controller.

- ▶ To select **Bluetooth Audio Devices**: press the controller.
- ▶ To select **Connect via Audio Device**: turn and press the controller.

Authorizing

- ▶ Start the authorization on your Bluetooth® audio device (see the manufacturer's operating instructions). After successful authorization, the Bluetooth® audio device is connected and starts playing.

With some Bluetooth® audio devices, playback must first be started on the device itself so that COMAND can play the audio files.

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

Reconnecting a Bluetooth® audio device

The Bluetooth® audio profiles are connected automatically under the following circumstances:

- one of the last two mobile phones to have been connected has also been used as a Bluetooth® audio player (if this function is supported by the mobile phone).
- the mobile phone is automatically connected. The Bluetooth® audio player is then connected.

i For an automatic connection with COMAND, the telephone must be within range.


For most Bluetooth® audio devices, the "automatic connection" must be activated by ticking a box. Depending on the device used, this prompt often takes place when authorizing (see the manufacturer's operating instructions).

If the **No Bluetooth Audio Device Connected** message appears, you have two options to reconnect the Bluetooth® audio device.

Option 1:

- ▶ In the **Connect Device** basic display: press the controller.
If 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

- i** When searching for a mobile phone or a new Bluetooth® audio device, the connection to an already activated Bluetooth® audio device is stopped.

In the Bluetooth® audio basic display, you will see the **No Bluetooth Audio Device Connected** message, and the **Connect Device** menu item cannot be selected.

Displaying details

- ▶ To select a Bluetooth® audio device from the Bluetooth® device list: turn the controller.
- ▶ To select the symbol to the right of the Bluetooth® audio device: slide  the controller.


- ▶ To select **Details**: turn and press the controller.

The following information concerning the selected mobile phone is shown:

- Bluetooth® name
- Bluetooth® address
- Availability status (shown after an update)
- Authorization status

- ▶ **To close the detailed display**: press the  button.

De-authorizing (deregistering) a Bluetooth® audio device



- ▶ To select a Bluetooth® audio device from the Bluetooth® device list: turn the controller.
- ▶ To select the symbol to the right of the Bluetooth® audio device: slide  and press the controller.
- ▶ To select **Deauthorize**: press the controller.
A prompt appears asking whether you really wish to deauthorize this device.
- ▶ To select **Yes** or **No**: turn and press the controller.
If you select **Yes**, the device is deleted from the Bluetooth® device list.
If you select **No** the process is canceled.

- i** Before re-authorizing the Bluetooth® audio device, you should also delete the device name **MB Bluetooth** from your Bluetooth® audio device's Bluetooth® list (see the Bluetooth® audio device's operating instructions).

Switching to Bluetooth® audio mode



Basic display



- ① Audio transmission status (depending on the Bluetooth® audio device, also title name and artist)
- ② Data medium position in the media list
- ③ Sound settings
- ④ Device list
- ⑤ To stop  or start  playback
- ⑥ Name of the connected Bluetooth® audio device (example)
- ⑦ Options menu

Some mobile phones only support two Bluetooth® profiles at the same time (e.g. Hands-Free Profile for Bluetooth® telephony and Bluetooth® audio profile for audio streaming). If you activate Bluetooth® audio mode and there is already an active Internet connection, this can cause the connection to be terminated.







Switching to Bluetooth® Audio

- ▶ To call up the media menu: press the  button.
The last media source you have set is displayed.
- ▶ To show the main function bar: slide  the controller.

- ▶ To select **Media**: turn and press the controller.
- ▶ To select **Bluetooth Audio**: turn and press the controller.
COMAND activates the Bluetooth® audio device. The basic display then appears. Playback starts.

i If the Bluetooth® audio device connected supports metadata and corresponding data is available, then the artist, track and album name can be displayed.

Starting/stopping playback

- ▶ To select **Start playback** : turn and press the controller.
Playback starts.  is selected.
- ▶ **To stop playback**: select .
A message appears.  is selected.
- ▶ **To continue playback**: select .
A message appears.  is selected.

Starting playback if the Bluetooth® audio device has been stopped

During the search for mobile phones (> page 113), the connection with the Bluetooth® audio device is terminated. In the Bluetooth® audio basic display (> page 196) 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.
- i** 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.
- i** 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 151).

Selecting a track

The function is not supported by all Bluetooth® audio devices.

Some mobile phones impair function with regard to the following criteria:

- the number of tracks that can be selected
- the time period until the next or previous track is played

- ▶ Switch the multifunction steering wheel to the media menu (see the vehicle Operator's Manual).
- ▶ **To skip forwards or backwards to a track:** press the or button on the multifunction steering wheel.
- ▶ **Rapid scroll:** press and hold the or button on the multifunction steering wheel until the desired track is reached. If you press and hold the or buttons, the rapid scrolling speed increases after a short time.

- i** In rapid scroll, track names are not shown, but instead only Track 1, Track 2 etc. The playback times for the tracks played are not displayed. This is available as an optional function starting with AVRCP Version 1.3. There is also no music search option available with Bluetooth® Audio.

Selecting playback options


If the Bluetooth® audio device supports the corresponding function, the following options are available:

- **Normal Track Sequence:** the tracks are played in the normal order (e.g. track 1, 2, 3 etc.). Audio data playback is determined by the order in which the tracks are written to the data medium. Alphabetical order is the most common. Once all the tracks in a folder have been played, the tracks in the next folder are played.
- **Random Track List:** the current track list is played in random order (e.g. 3, 8, 5 etc.).
- **Random Medium:** all tracks on the data medium are played in random order (e.g. track 3, 8, 5 etc.). Playback options are optional functions and are not, or only partially, supported by Bluetooth® audio devices.

Selecting playback options

- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Playback Mode**.
A ● dot indicates the current setting.
- ▶ Select the desired option.
If you select **Random Track List**, you will see a corresponding message in the display or selection window.

Increasing the 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 208).

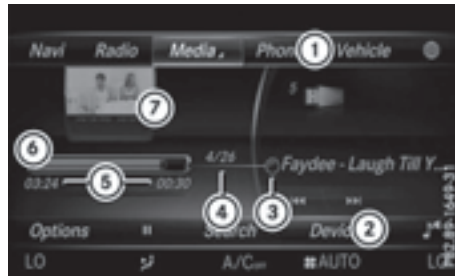
Operation with the Media Interface

General notes

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 Media menu bar
- ③ Track display on the disc
- ④ Track number and number of tracks in the track list
- ⑤ Numerical time display
- ⑥ Graphic time display
- ⑦ Cover view (if available)

Switching to Media Interface

- ▶ Connect a data medium to USB socket 1 or USB socket 2 (> page 182).
- ▶ Select the basic menu for Media Interface 1 or Media Interface 2 (> page 179).
If playable media files are found, they will be played by COMAND.
If you remove a device, the **No Device Connected** message appears.

Supported devices

The following data media can be connected to COMAND via the Media Interface:

- iPod®
- iPhone®
- iPad®
- MP3
- USB devices

- i** It is not possible to run two Apple® devices simultaneously. Therefore the device last connected is loaded.

i iPod®, iPhone® and iPad® are registered trademarks of Apple Inc., Cupertino, California, USA.

i 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 ◀⊙ or ⊙▶ the controller and hold it until the desired position has been reached.

Search function

Selecting Search using media menu bar

- ▶ Slide ⊙↓ the controller. The media menu bar is shown.
- ▶ To select **Search**: turn and press the controller. The category list appears.

Overview

The following categories are listed:

- [Current Tracklist](#)
- [Folder](#)
- [Select By Cover](#)
- [Keyword Search](#)
- [Playlists](#)
- [Artists](#)
- [Albums](#)
- [Track](#)
- [Genres](#)
- [Year](#)
- [Composers](#)
- [Videos](#)
- [Photos](#)
- [Podcasts](#)
- [Audiobooks](#)

i The functions are available as soon as the entire media content has been read and analyzed.

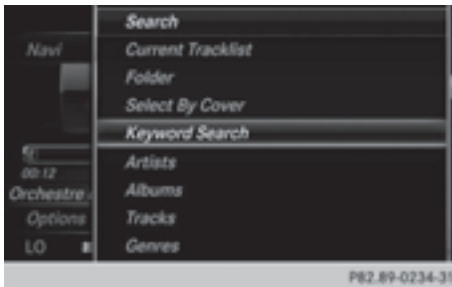
If the same device is reconnected with unchanged media content, these functions are available more quickly.

The audio books and podcasts categories are only available for Apple® devices.

When connecting Apple® devices, the categories "Folder", "Year" and "Photos" are not available.



- ▶ To select a category, e.g. **Current Tracklist**: turn and press the controller. The selection list appears.
- ▶ Select the required track.



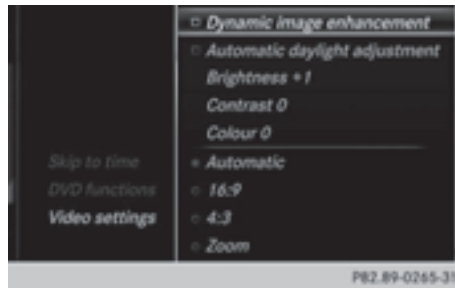
- ▶ **Keyword search**: using the controller, enter the characters for the desired search term and confirm (▷ page 187). Search results are sorted according to the available categories, displayed and can then be selected.

Playback options

- ▶ In media mode, slide Ⓞ↓ the controller. The media menu bar is shown.
- ▶ To select **Options**: turn and press the controller.
- ▶ To select the desired playback option: turn and press the controller.

Additional information on playback options (▷ page 183).

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**.

Changing settings (▷ page 202).

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.

i If you insert a video DVD with a different region code, a message to this effect appears.


i 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 up to five times.

Control options


There are four 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
<ul style="list-style-type: none"> • DVD's control menu Selection of title, scene, language, subtitles ... 	Operation with the controller
<ul style="list-style-type: none"> • MenuOptions Selection of brightness, contrast, color, format 	Operation using the menu bar options, video settings
<ul style="list-style-type: none"> • Video menu Selection of scene, fast forward or rewind 	In full-screen mode, slide  the controller
<ul style="list-style-type: none"> • 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 on video DVD mode

- Insert and eject a disc from the single drive (▷ page 181)

Further options for switching on:

- Using the main function bar (▷ page 178)
- Using the device list (▷ page 179)
- Using the  button (▷ page 178)

DVD basic display





- ① Main function bar
- ② Main display field
- ③ 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. The video will first appear in the over-view display.


- ▶ **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.

Skip to time

- ▶ To select **Skip to Time:** turn and press the controller.
A menu appears.
- ▶ To set the time: turn the controller.
or
Set the desired time using the number keypad.
- ▶ To hide the menu: press the  button.

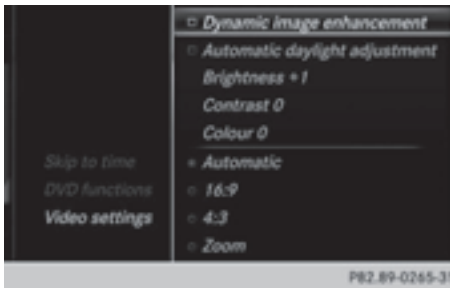
DVD functions

- ▶ To select **DVD Functions:** turn and press the controller.
A menu appears (▷ page 204).

Video settings

Dynamic image enhancement

The **Dynamic Image Enhancement** function automatically matches **Bright.**, **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 **Bright.**, **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 activate/deactivate **Automatic Daylight Adjustment**: 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 functions menu: turn and press the controller. The DVD functions menu is hidden and the DVD's menu entries (e.g. scenes, language, trailers) are displayed.
- ▶ To select a menu entry: turn 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 or previous scene: turn the controller clockwise/counter-clockwise.
- ▶ To fast forward or rewind: slide  or  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 functions

Showing/hiding the DVD functions

- ▶ **To show** DVD functions: in full-screen video mode, press the controller. The DVD functions menu is shown.
- ▶ **To hide:** in DVD functions select : turn and press the controller
- ▶ **To show the DVD basic display:** select  from the DVD functions: turn and press the controller.

Overview of DVD functions







- ① Activates DVD control menu
- ② Hides DVD functions

- 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

Using the DVD functions









- ▶ In full-screen mode, press the controller. The DVD functions menu is shown. It is possible to navigate in the DVD's control menu when the arrows in the upper menu bar are activated.
- ▶ To select the    arrow to navigate in the menu: turn the controller. The active arrow is highlighted.
- ▶ To select a menu entry: press the controller. The next menu entry in the direction of the arrow is highlighted.
- ▶ To call up a highlighted menu entry: turn the controller until **OK** is highlighted.
- ▶ Press the controller. The selected DVD scene is played.
- ▶ To hide DVD functions: select  using the controller.
- ▶ Press the controller. The DVD functions are hidden.





If there are functions such as **Display camera perspectives** on the DVD, these are shown in the DVD functions menu.

- ▶ To call up Display camera perspectives: turn and press the controller

Stop function

- ▶ Show the DVD functions (▷ page 204).
- ▶ **Interrupting playback**
To select  from the DVD functions 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 functions (▷ page 204).
- ▶ **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 and chapters, you can select these directly while the film is running or you can skip progressively through them. 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 and chapter from the functions stored on the DVD.

- ▶ **To skip forwards or back:** in the video menu, turn the controller. The next or previous scene in the film is skipped to.

i The DVD functions can also be used to make selections (▷ page 204).

Picture viewer

General notes

If there are pictures on the active data medium, you can view them on the COMAND display.

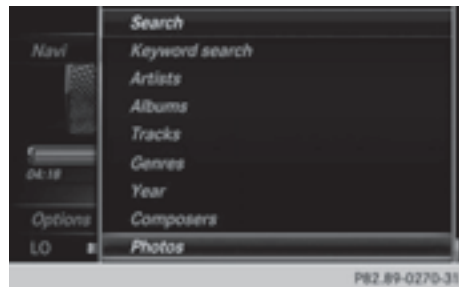
The following data media and picture formats are supported:


- **Data media:** MEDIA REGISTER, CD, DVD, USB devices, SD memory cards
- **Picture formats:** jpeg, jpg, bmp, png

The maximum image resolution is 20 megapixels


It is not possible to view a picture from the driver's side while the vehicle is in motion.

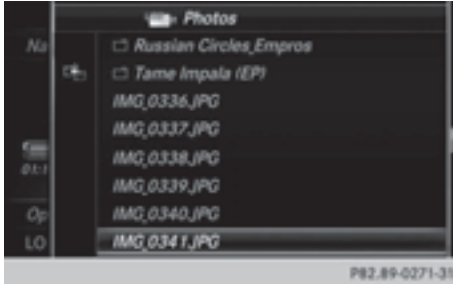
Displaying pictures



- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Search**: turn and press the controller. The category list appears.
- ▶ To select **Photos**: turn and press the controller. A directory list appears. Folders and picture files can be shown.
- ▶ Select a folder or picture. If there is no picture on the data medium, an empty list is shown. You can search for pictures on other data media.

Searching for pictures on other data media

- ▶ In the directory list, slide  the controller.
The device list appears.



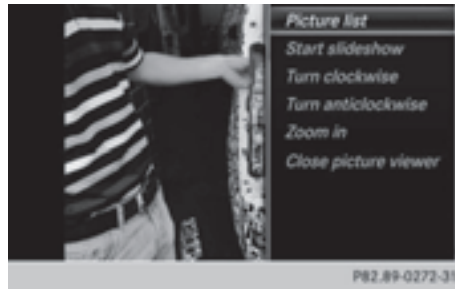
Example: the directory list displays the existing picture files




- ▶ To select a data medium with picture files: turn the controller and press to confirm. A directory list appears. Folders and picture files can be shown.
- ▶ Select a folder or picture.

Starting a slide show

- ▶ While viewing a picture, press the controller.
The image menu appears.
- ▶ To select **Start Slideshow**: turn and press the controller.
The slide show starts.
- ▶ To end the slide show: press the controller.
The image menu appears.
- ▶ Select **End Slide Show**.

Changing the picture view



- ▶ Press the controller.
The image menu appears.
- ▶ To select **Turn Clockwise**: turn and press the controller.
The picture rotates 90 degrees.
- ▶ Select **Turn Counterclockwise**.
The picture rotates 90 degrees.
- ▶ Select **Zoom In**.
The size of the picture increases.
After you have zoomed into the picture, you can move the section of the picture.
- ▶ To move the section of the picture: slide  and  the controller.
- ▶ To revert to the original size: press the controller
or
▶ Press the  button.

Closing the picture viewer

- ▶ Press the controller.
The menu appears.
- ▶ To select **Close Picture Viewer**: turn and press the controller.
COMAND returns to the last accessed media function.

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Your COMAND equipment

- i** These operating instructions describe all the standard and optional equipment of your COMAND system, as available at the time of going to print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions.
- i** Read the information on qualified specialist workshops in the vehicle Operator's Manual.

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 CD audio mode, for example. The respective sound menu can be called up from the menu of the desired mode.

- ▶ Switch to radio mode (▷ page 166).
or
- ▶ Switch to media mode (▷ page 178).
- ▶ To switch to the menu bar: slide $\odot \downarrow$ the controller.
- ▶ To select $\boxed{\text{🎵}}$: turn and press the controller.

The menu appears with the last setting accessed, e.g. **Equalizer**.

Sound menu overview

Function	Options
Equalizer	Sets treble, mid-range and bass
Balance/fader	Moves the sound focus: left/right and front/rear

Setting treble, mid-range and bass









- ▶ Call up the sound menu (▷ page 208).
- ▶ Turn the controller until **Equalizer** is brought to the front.
- ▶ To activate rotary menus for treble, mid-range and bass: slide $\odot \downarrow$ the controller.
- ▶ To switch between the rotary menus: slide $\leftarrow \odot$ or $\odot \rightarrow$ the controller.
- ▶ To make the desired **Equalizer** settings: turn the controller. Rotary menus show the set values.
- ▶ To return to the menu: slide $\uparrow \odot$ the controller.
- ▶ To return to the basic menu: press the $\boxed{\leftarrow}$ button briefly.

Adjusting the balance/fader



Balance moves the focus of the sound between left and right.

Fader moves the focus of the sound between front and rear.

- ▶ Call up the sound menu (▷ page 208).
- ▶ Turn the controller until **Balance/Fader** is brought to the front and then slide  the controller.
- ▶ To activate the menu for balance and fader: press the controller.
- ▶ To adjust the balance focus: slide  or  the controller.
- ▶ To adjust the fader focus: slide  or  the controller.
An image shows the sound focus set.
- ▶ To exit the menu: press the  button.

Burmester® surround sound system



General notes

The Burmester® surround sound system has a total output of 640 watts and is equipped with 14 loudspeakers.

The Burmester® surround sound system is available for all functions in the radio and media modes.

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 CD audio mode, for example. The respective sound menu is called up from the menu of the desired mode.






- ▶ Switch to radio mode (▷ page 166).
- or
- ▶ Switch to media mode (▷ page 178).
- ▶ To switch to the menu bar: slide  the controller.
- ▶ To select : turn and press the controller.
The menu appears with the last setting accessed, e.g. **Equalizer**.

Overview of Burmester® surround sound system

Function	Options
Equalizer	Sets treble, mid-range and bass
Balance/fader	Moves the sound focus: left/right and front/rear
Surround	Optimizes sound playback for all seats

Setting treble, mid-range and bass



- ▶ Call up the sound menu (▷ page 209).
- ▶ Turn the controller until **Equalizer** is in the center.
- ▶ Slide  the controller.
The rotary menus for treble, mid-range and bass are activated.
- ▶ To switch between the rotary menus: slide  or  the controller.
- ▶ To make the desired **Equalizer** settings: turn the controller.
The rotary menus show the set values.
- ▶ To return to the menu: slide  the controller.
- ▶ To return to the basic menu: press the  button briefly.

Adjusting the balance/fader



Balance moves the focus of the sound between left and right.

Fader moves the focus of the sound between front and rear.

Sound

- ▶ Call up the sound menu (▷ page 209).
- ▶ Turn the controller until **Balance/Fader** is brought to the front and then slide $\odot \downarrow$ the controller.
- ▶ To activate the menu for balance and fader: press the controller.
- ▶ To adjust the balance focus: slide $\leftarrow \odot$ or $\odot \rightarrow$ the controller.
- ▶ To adjust the fader focus: slide $\odot \downarrow$ or $\uparrow \odot$ the controller.
An image shows the sound focus set.
- ▶ To exit the menu: press the $\leftarrow \square$ button.

Setting surround sound

- ▶ Call up the sound menu (▷ page 209).
- ▶ Turn the controller until **Surround** is in the center.
- ▶ Slide $\odot \downarrow$ the controller.
The left-hand rotary menu to switch surround sound on and off is activated.
- ▶ To activate **Surround**: turn the controller until **ON** is active.

- ▶ To adjust the surround sound for **Front**, **Rear** or **All Seats**: slide $\odot \rightarrow$ the controller.
The right-hand rotary menu is activated.
- ▶ To set the desired **Surround** focus: turn the controller.
The menu symbol, text and image show the selected setting.
- ▶ To exit the menu: press the $\leftarrow \square$ button.

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Your COMAND equipment

These operating instructions describe all the standard and optional equipment for your COMAND system, as available at the time of going to print. Country-specific differences are possible. Please note that your COMAND system may not be equipped with all the features described.

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 112), 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
- storm characteristics
- high and low-pressure areas, weather fronts
- course of tropical cyclones (hurricanes, typhoons)
- storm warnings
- wind direction and speeds

i The rain radar cannot be displayed for Alaska, Hawaii and Puerto Rico.

i 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 display the main function bar:** slide **↑** the controller.
- ▶ To select **🌐**: turn and press the controller. The online applications menu 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 215).

- ❗ **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 **Position** in the information chart: turn and press the controller.
- ▶ **To select the current vehicle position:** select **Current Position** from 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 69). The menu item is otherwise grayed out.

- ▶ **To select the vicinity of the destination:** select **Near Destination** from the menu: turn the controller and press to confirm.



- ▶ **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 check mark - 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** 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  the controller or select .
- ▶ To delete an entry: select  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 215).
- ▶ Move the weather map so that the crosshair is over the desired area (▷ page 215).
- ▶ 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 213). The selected location appears at the top in the status bar.
- ▶ To select **Position** in the information chart: turn and press the controller.
- ▶ Select **Presets**.

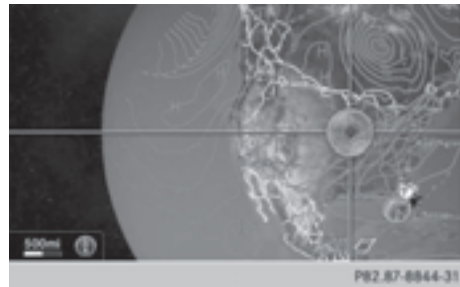
- ▶ Select a preset using the controller.
- ▶ Press and hold the controller until you hear a tone. The area is entered on the selected preset.

Selecting an area from the weather memory

- ▶ **Directly from the weather memory:** select **Position** from the information chart: turn and press the controller.
- ▶ Select **Presets**.
- ▶ Select the memory position which contains the location you require. 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  or  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 215).
- ▶ 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



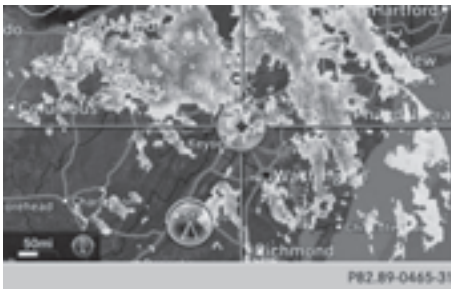
You can switch on different layers, for example to display the rain radar, weather fronts and the course of tropical storms on the map.

- ▶ Display the menu on the weather map (▷ page 216).
- ▶ 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 219).
- 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 216).
The rain radar image is then displayed if weather data is available.

i You can call up the legend for the precipitation radar (▷ page 219).

The transparency of the precipitation radar map display level can be adjusted in five stages.

Displaying storm characteristics:

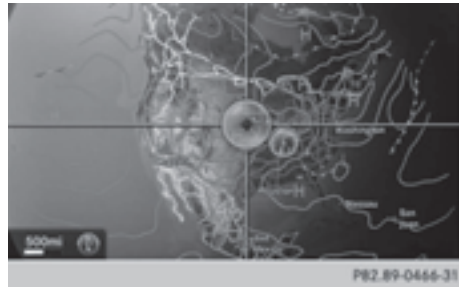
- ▶ Activate the **Storm Characteristics** display level (▷ page 216).
If weather data is available, the weather map will then display the storm characteristics.

You can call up the legend for storms (▷ page 219).

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 216).

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 storm tracking information:

- ▶ Activate the **Tropical Storm Tracking** display level (▷ page 216). If weather data is available, the weather map will then display storm tracking information.
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 detailed information on a cyclone in the Storm Guide (▷ page 220). Showing detailed 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 Low Press. Sys.
Atlantic, North and South Pacific Oceans	Tropical Depression
Atlantic, North and South Pacific Oceans	Name of tropical storm (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 Low Press. Sys.
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 216).
- ▶ To select **View**: turn and press the controller.
- ▶ Select **Legend**.
- i** 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 216).
- ▶ To select **View**: turn and press the controller.
- ▶ Select **Time Stamp**.

Changing to the information chart

- ▶ Display the menu on the weather map (▷ page 216).
- ▶ To select **Weather Table**: turn and press the controller.

Storm watch areas



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 216).
- ▶ To select **View**: turn and press the controller. The list of display levels appears.

- ▶ Select **Storm Watch**.
- ▶ Select **Show Symbols for Storm Areas On Map**.
Depending on the previous setting, activate or deactivate the display of areas in red.

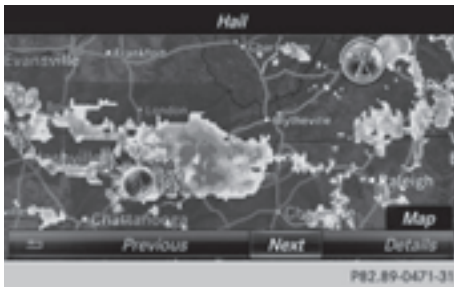
Activating/deactivating the automatic display of warning popups:

- ▶ 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 overview



Displaying the Storm Guide:

- ▶ Display the menu on the weather map (> page 216).
- ▶ 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.