COMAND

Operating Instructions

Mercedes-Benz

Symbols

⚠	Warning
	Environmental note
❗	Possible damage to the vehicle
ℹ	Tip
▶	Instruction
▷▷	Continuation symbol
(▷ page)	Page reference
Display	Display in the multifunction display/COMAND

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Welcome to the world of Mercedes-Benz

Before you drive off, familiarize yourself with your COMAND control panel and read this manual. This will help you to obtain the maximum use from your COMAND control panel and to avoid endangering yourself and others.

Depending on the model and equipment level, the functions and equipment of your COMAND control panel may deviate from certain descriptions and illustrations.

Mercedes-Benz is constantly updating its systems to the state of the art and therefore reserves the right to introduce changes in design, equipment and technical features at any time.

You cannot, therefore, base any claims on the data, illustrations or descriptions in this manual.

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

This manual is an integral part of the vehicle. You should always keep it in the vehicle and pass it on to the new owner if you sell the vehicle.

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

2125847681

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Operating safety

General notes

⚠ WARNING

Any alterations of electronic components or software can cause malfunctions.

Radio, satellite radio, amplifier, DVD changer, navigation module, telephone and Voice Control systems are interconnected. Therefore, if one of the components is not operational, or has not been removed/replaced properly, the function of other components could be impaired.

Such conditions might seriously impair the operating safety of your vehicle.

We recommend having any service work on electronic components carried out by an authorized Mercedes-Benz Center.

⚠ WARNING

In order to avoid distraction which could lead to an accident, the driver should enter system settings while the vehicle is at a standstill, and operate the system only when permitted by road, weather and traffic conditions.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your car covers a distance of 44 feet (approximately 14 m) every second.

COMAND supplies you with information to help you select your route more easily and guide you conveniently and safely to your destination. For safety reasons, we encourage the driver to stop the vehicle in a safe place before answering or placing a call, or consulting the COMAND screen to read navigational maps, instructions, or downloaded information.

⚠ WARNING

While the navigation system provides directional assistance, the driver must remain focused on safe driving behavior, especially attention to traffic and street signs, and should utilize the system's audio cues while driving.

The navigation system does not supply any information on stop signs, yield signs, traffic regulations or traffic safety rules. Their observance always remains in the driver's personal responsibility. DVD maps do not cover all areas nor all routes within an area.

Canada only: This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause interference, and

2. This device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

USA only: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. this device must accept any interference received, including interference that may cause undesired operation.

Any unauthorized modification to this device could void the user's authority to operate the equipment.

⚠ WARNING

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

! Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can

radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

⚠ WARNING

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

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

Correct use

Observe the following information when using COMAND:

- the safety notes in this manual
- all road traffic regulations

ⓘ Improper work on electronic components or other systems (such as radio, DVD changer) and their software may result in malfunction or failure. Even systems that have not been modified could be affected because the electronic systems are connected. Electronic malfunctions can seriously jeopardize the operational safety of your vehicle.

ⓘ Only have repairs or changes to electronic components carried out at a qualified specialist workshop which has the necessary specialist knowledge and tools to carry out the work required. Daimler recommends that you use an authorized Mercedes-Benz Center for this purpose. In particular, work relevant to safety or on safety-related systems must be carried out at a qualified specialist workshop.

ⓘ **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.

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described. This includes safety-related systems and functions. Therefore, the equipment on your COMAND system may differ from that in the descriptions and illustrations. The original purchase agreement lists all systems installed in your vehicle. Contact an authorized Mercedes-Benz Center if you have any questions about equipment or operation.

Function restrictions

For safety reasons, some COMAND 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 COMAND will display a message to this effect.

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COMAND operating system

Overview

Example: E-Class

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①	COMAND display	18
②	COMAND control panel with DVD changer	15
③	COMAND controller	16
	Back button (left)	17
	Clear button (right)	17

Components of COMAND

COMAND consists of:

- the COMAND display
- the COMAND control panel with DVD changer
- the COMAND controller with back and clear buttons

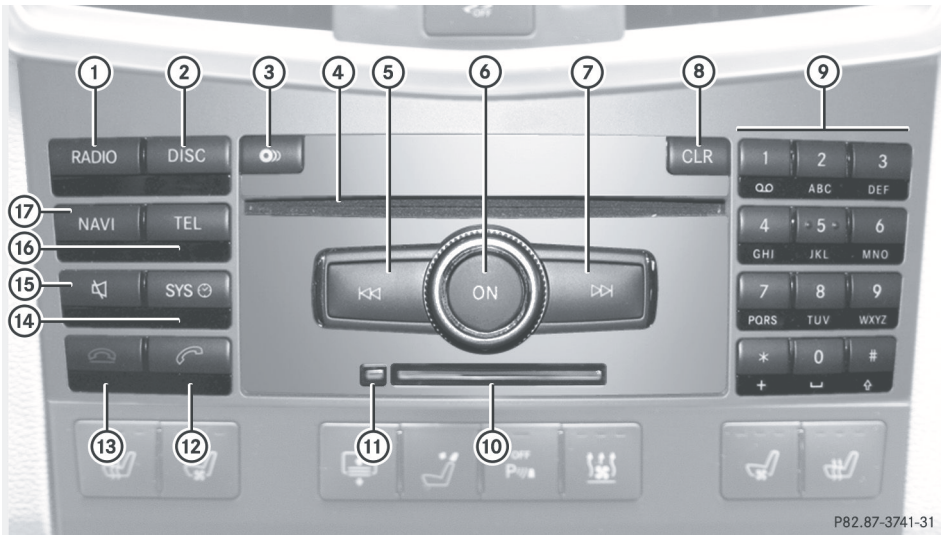
You can use COMAND to operate the following main functions:

- the navigation system
- the audio function with radio and satellite radio modes, disk (audio CD/DVD and MP3 mode), memory card (MP3 mode), MUSIC REGISTER, Bluetooth® audio, Media Interface and audio AUX
- the telephone and the address book
- the video function with video DVD and video AUX modes
- the system settings

You can call up the main functions:

- using the corresponding function buttons
- using the main function bar in the COMAND display

COMAND control panel



Example

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	Function	Page
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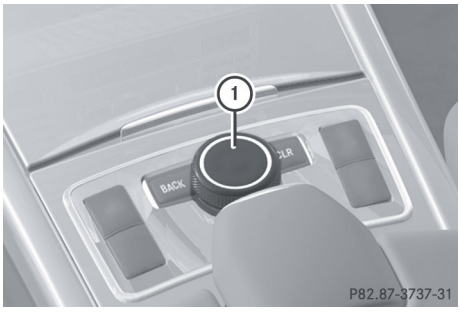
⑬	Rejects a call Ends an active call	104 105
⑭	Calls up the system menu	25

	Function	Page
⑮	Mute Switches off navigation announcements	31 31
⑯	Calls up the telephone basic menu (telephony via Bluetooth® interface)	103
⑰	Switches to navigation mode	47

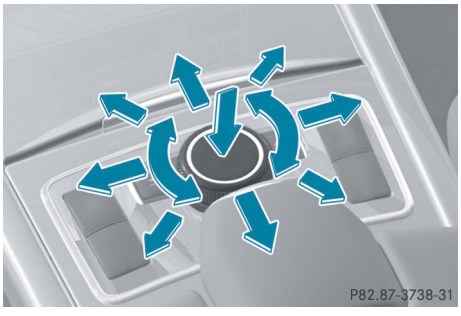
COMAND controller



Example
① COMAND controller

You can use the COMAND controller to select the menu items in the COMAND display.

You can call up menus or lists, scroll through menus or lists and exit menus or lists.



Operating the COMAND controller

The COMAND controller can be:

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

In the instructions, operating sequences are described as follows:

▶ Radio mode is activated.

▶ Select Radio by sliding and turning the COMAND controller and press to confirm.

▶ Confirm Station List by pressing. The station list appears.

Back button

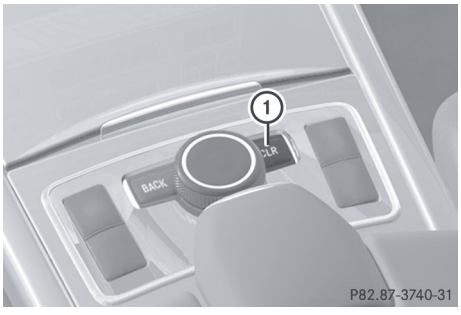
Example
① Back button

▶ **To exit the menu:** press back button ① briefly.
COMAND changes to the next higher menu level in the current operating mode.

ⓘ You can also exit a menu by sliding the COMAND controller ←◎→ or ↑◎↓.

▶ **To switch to the basic display:** press and hold back button ①.
COMAND changes to the basic display of the current operating mode.

Clear button



Example
① Clear button

▶ **To delete individual characters:** briefly press clear button ①.

▶ **To delete an entire entry:** press and hold clear button ①.

COMAND display

Display overview

The COMAND display shows the function currently selected and its associated menus. The COMAND display is divided into several areas.

The radio display is shown in the example.

P82.87-5390-31

① Status bar
② To call up the audio menu
③ Main function bar
④ Display/selection window
⑤ Radio menu bar

Status bar ① shows the time and the current settings for radio and telephone operation.

The main functions, navigation, audio, telephone and video feature additional menus. This is indicated by triangle ②. The following table lists the available menu items.

Main function bar ③ allows you to call up the desired main function.

In the example, the audio main function is set to radio mode and display/selection window ④ is active.

Radio menu bar ⑤ allows you to operate the radio functions.

Menu overview

The table lists the menus available after calling up the main navigation, audio, telephone, video or system function in the main function bar.

Navi	Audio	Telephone	Video	System
Setting route calculation mode	FM/AM radio	Telephone	Video DVD	Calls up the system menu
Map orientation	SatRadio	address book	AUX	
Point of interest symbols on the map	Disc			
Traffic information on map	Memory card			
Text information on map	MUSIC REGISTER			
☑ Topographic map on/off	Bluetooth® audio			
☑ City model	Media Interface			
☑ Switching freeway information on/off	Rear			
☑ Automatically read aloud traffic reports on/off	AUX			
☑ Audio fadeout on/off				
Avoiding an area				
SIRIUS service				
Map version				

System menu overview

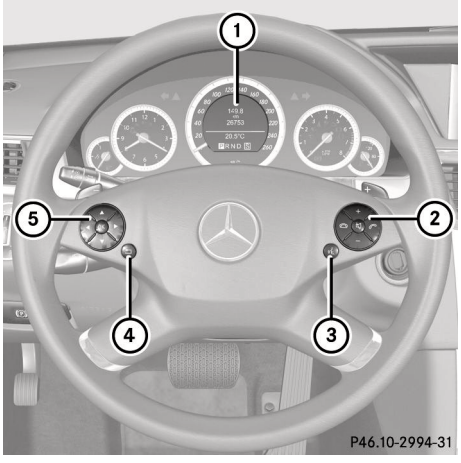
Settings	Time	Consumption	Display off
Display settings	Setting the time	Calling up the fuel consumption display	Switching off the display
Text reader speed	Setting the format		
Voice Control System	Setting the time zone		
Setting the language			
Rear view camera			

Settings	Time	Consumption	Display off
Activating/ deactivating Bluetooth®			
Resetting COMAND ⓘ Delete your personal data using this function, for example before selling your vehicle.			
If the function is activated and COMAND is switched on, the image of the rear view camera is automatically shown in the COMAND display when reverse gear is engaged.			

Cleaning instructions

! Do not touch the COMAND 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.

Multifunction steering wheel



Example: E-Class

	Function	Page
①	Multifunction display (see the vehicle Operator's Manual)	
②	Accepts a call	104
	Rejects/ends a call	104
	+ Increases the volume	31
	− Decreases the volume	31
	Mute	31

	Function	Page
③	Activates voice control (see the separate operating instructions)	
④	**Press briefly:** back, cancels voice control and hides display messages (see the separate operating instructions) **Press and hold:** selects standard display (see vehicle Operator's Manual)	
⑤	◀ ▶ Calls up the menu bar in the multifunction display and selects menus ▲ ▼ Selects submenus in the multifunction display or scrolls through lists OK To confirm your selection	21 21

Operating the multifunction display

⚠ WARNING

A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call. If you choose to use the telephone while driving, please use the hands-free device and only use the telephone when weather, road 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 just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

- **To select a menu:** press the ◀ or ▶ button.
- **To select a submenu or scroll through the list:** press the ▲ or ▼ button.
- **To select the next menu up:** press the ⮌ button.
- **To call up standard displays:** repeatedly press the ⮌ button until the odometer and the trip meter appear in the display.

or

- Press and hold the ⮌ button until the odometer and the trip meter appear in the display.
- **To confirm your selection:** press the OK button.
- **To confirm the message:** press the OK or ⮌ button.

Menus and submenus

The number of menus depends on the vehicle equipment.

Menu	Functions and submenus
Navigation	Navigation system displays
Audio	Selecting a station Operating the DVD changer, memory card, MUSIC REGISTER, Bluetooth® audio and Media Interface Operating video DVD
Telephone	Accepting/rejecting a call Making/ending a call Selecting a phone book entry Redialing

Navigation system menu

Route guidance inactive

The display shows the road on which the vehicle is currently traveling, provided the digital map contains it.

Route guidance active

The display shows:

- the distance to the destination
- the distance to the next change of direction
- current street
- the travel direction arrow

If a change of direction is imminent, the display shows:

- the road you will be turning onto
- the distance to the next change of direction and a distance graphic
- a right or left-turn arrow

Lane recommendations are also shown in the display, provided the digital map contains the necessary data. During a change of direction, the number of lanes may increase. Lane recommendations are shown in the display as a line with an arrow.

Audio menu

Adjusting the volume

▶ Press the [+] or [−] button.

Setting the station/channel

▶ Switch on COMAND (▷ page 30).

▶ Switch on FM / AM Radio (▷ page 120) or SatRadio (▷ page 125).

▶ In the multifunction display, select the audio menu with the [◀] or [▶] button.

▶ **To select the next/previous station/channel from the memory:** briefly press the [▼] or [▲] button.

▶ **To select the next/previous station/channel:** press and hold the [▼] or [▲] button.

Operating the DVD changer/memory card/MUSIC REGISTER/Media Interface

▶ Switch on COMAND (▷ page 30).

▶ Switch on Disc, Memory Card (▷ page 133), MUSIC REGISTER (▷ page 141) or Media Int. (▷ page 150).

▶ In the multifunction display, select the audio menu with the [◀] or [▶] button.

▶ **To select the next/previous track:** briefly press the [▼] or [▲] button.

▶ **To search for the next/previous track:** press and hold the [▼] or [▲] button.

ⓘ When you play a CD/DVD with track information, the track name and number are shown in the multifunction display. The track name is displayed when an MP3 CD is being played.

Operating video DVD

▶ Switch on COMAND (▷ page 30).

▶ Switch on DVD-Video (▷ page 159).

▶ In the multifunction display, select the audio menu with the [◀] or [▶] button.

▶ **To select the next/previous scene:** briefly press the [▼] or [▲] button.

Telephone menu

⚠ **WARNING**

A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call. If you choose to use the mobile phone while driving, please use the handsfree device and only use the mobile phone when weather, road, and traffic conditions permit.

Some jurisdictions prohibit the driver from using a cellular mobile phone while driving a vehicle.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

Operating the telephone

- ▶ Switch on COMAND (▷ page 30).
- ▶ Call up the telephone basic menu (▷ page 103).

If the telephone has not yet been authorized, the Bluetooth Ready message appears in the multifunction display.

If the telephone is switched on and authorized, the Phone Ready message appears in the multifunction display.

Accepting a call

- ▶ Press the [✆] button.

If the telephone menu is displayed in the multifunction display, the name or number of the person calling appears.

Rejecting or ending a call

- ▶ Press the [✆] button.

Calling a number from the phone book

If your mobile phone can accept calls, you can search for a number in the COMAND phone book and call the number.

- ▶ In the multifunction display, select the phone menu using the [◀] or [▶] button.
  The Phone Ready message appears in the multifunction display.
- ▶ Press the [▼], [▲] or [OK] button to display the phone book.
- ▶ Press the [▼] or [▲] button to select the name you want.
  The saved names are sorted alphabetically.
- ▶ **An exact phone number exists:** press the [✆] or [OK] button to make the call.
  The Connecting Call message and the number dialed appear in the multifunction display. The name also appears if it is stored in the phone book. The phone number dialed is stored in the Calls Dialed call list (▷ page 109).
  The phone book entry appears in the multifunction display when the call is connected.
- ▶ **Several phone numbers exist:** press the [✆] or [OK] button to display all the phone numbers for the selected entry.
- ▶ Press the [▼] or [▲] button to select the phone number you want.
- ▶ Press the [✆] or [OK] button to make the call.
  The Connecting Call message and the number dialed appear in the multifunction display. The name also appears if it is stored in the phone book. The phone number dialed is stored in the Calls Dialed call list (▷ page 109).
  The phone book entry appears in the multifunction display when the call is connected.

ⓘ If you press the [▼] or [▲] button for longer than a second, the on-board computer shows the names in rapid scroll. Rapid scroll speeds up after four seconds. It stops when you release the button again or the end of the list is reached.

ⓘ If you do not want to make a call, you can close the phone book by pressing the [✆] button.

Redialing

COMAND saves the last phone numbers or names dialed.

- In the multifunction display, select the phone menu using the ◀ or ▶ button.
  The Phone Ready message appears in the multifunction display.
- Press the button to display the list with the last numbers or names dialed.
- Press the ▼ or ▲ button to select a phone number or name.
- Press the or OK button to make the call.

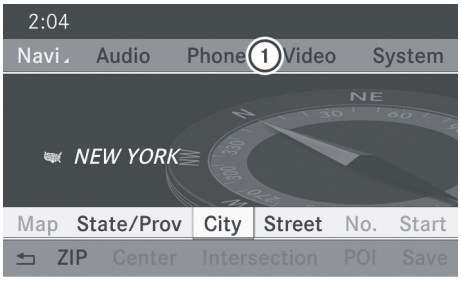
Operating COMAND

Selecting a main function

Initial situation

You would like to switch from navigation mode (address entry menu) to the system settings, for example.

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Destination by sliding and turning the COMAND controller and press to confirm.
- Select Address Entry and press to confirm.
  The address entry menu appears.



P82.87-5436-31

Address entry menu
① Main function bar

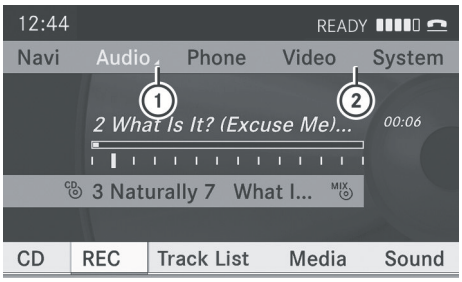
- Slide the COMAND controller and switch to main function bar ①.
- Select System in the main function bar by turning the COMAND controller and press to confirm.
  The system menu appears.

P82.87-5438-31

Calling up the menu of a main function

If one of the main functions – navigation, audio, telephone or video – is switched on, triangle ① appears next to the entry. You can now select an associated menu.

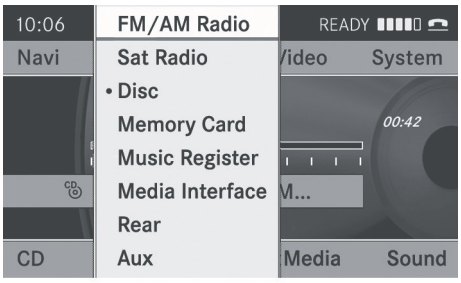
The example describes how to call up the audio menu from audio CD mode. Insert a CD/DVD (▷ page 130).



P82.87-5439-31

① Calls up the audio menu
② Main function bar

- Select Audio in the main function bar by sliding the COMAND controller and press to confirm.
  The Audio menu appears.



P82.87-2953-31

Audio menu

The • dot indicates the current audio mode.

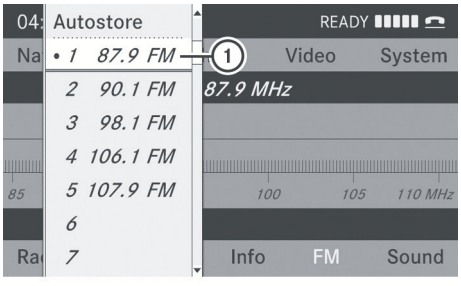
▶ Select another audio mode, e.g. Radio, by turning the COMAND controller and press to confirm.

Selecting a menu item

The example describes how to select a station from the station presets in radio mode.

▶ Press the RADIO function button.

▶ Select Presets by sliding and turning the COMAND controller and press to confirm.
The station preset memory appears.



P82.87-3422-31

① Selection bar

▶ Select the station by turning the COMAND controller and press to confirm.
The station is set.

Example of operation

Initial situation

You would like to switch from the system function to radio mode and set a station, for example.

The operating example describes how to:

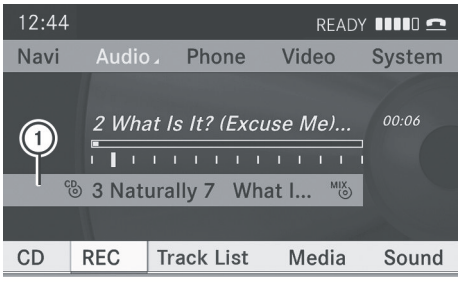
- call up the audio function
- switch on radio mode
- set a station.

P82.87-5438-31

System menu

Calling up the audio function

▶ Select Audio in the main function bar by sliding and turning the COMAND controller and press to confirm.
The basic display of the current audio operating mode, e.g. audio CD, appears.



P82.87-5440-31

① Selection bar

Switching to radio mode

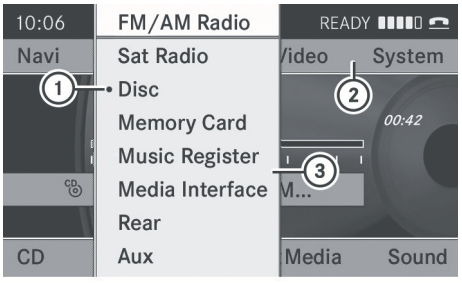
Option 1

▶ Press the RADIO function button.
The radio display appears.

ⓘ Repeatedly pressing this function button switches between the FM, AM and WB wavebands in that order and then calls up SatRadio mode. Pressing the button again takes you back to FM radio mode.

Option 2

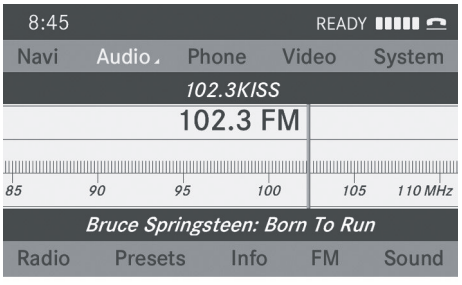
▶ Select Audio again by sliding ↑◎ the COMAND controller and press ◎ to confirm.
The Audio menu appears. Radio is highlighted.



P82.87-5441-31

① Current audio operating mode
② Main function bar
③ Audio menu

▶ Press ◎ the COMAND controller and confirm Radio.
The radio basic display appears with the waveband last selected.



P82.87-5443-31

▶ **To set a station:** turn ◎ or slide ←◎→ the COMAND controller while the display/selection window is active.

Entering characters in navigation mode (entering a city)

General information

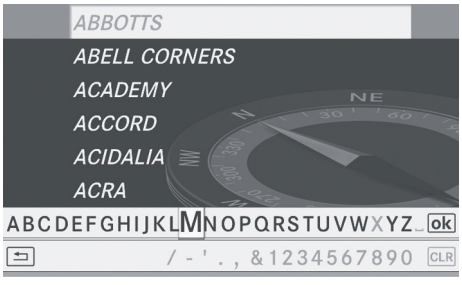
Character entry is explained in the following sections using NEW YORK as an example for entering a city.

If you want to use the address entry menu (▷ page 50) to enter a city, a street or a house number, for example, COMAND provides either a list with a character bar (option 1) or a selection list (option 2).

You can enter the characters using either the character bar or the number keypad. In the selection list, you select an entry to copy it to the address entry menu.

Option 1: city list with the character bar

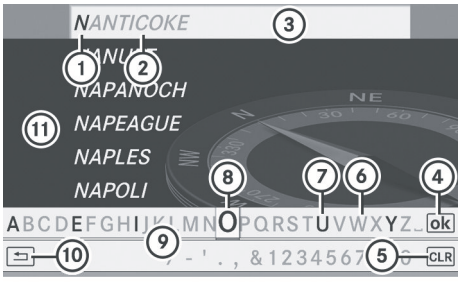
▶ Call up the city list with character bar (▷ page 50).
The alphabetically sorted city list shows the first available entries.



P82.87-5444-31

Entering characters using the character bar

▶ Select N by turning COMAND controller ◎ and confirm with ◎.



P82.87-5445-31

① N character entered by user
② ANTICOKE characters automatically added by COMAND
③ List entry that most closely resembles the current entry by the user
④ To switch to the selection list
⑤ To delete an entry
⑥ Characters not currently available
⑦ Characters currently available
⑧ Currently selected character
⑨ Character bar
⑩ To cancel an entry
⑪ List

List ⑪ shows all available city names beginning with N. The list entry most closely resembling user's current entry ③ is always highlighted at the top of the list (NANTICOKE in the example).

All characters that have been entered are displayed in black, the letter N in the example ①. The letters that are added automatically by COMAND are displayed in gray ②, ANTICOKE in the example.

Character bar ⑨ shows the letters still available for selection in black ⑦. These can be selected; in the example, the letter O is highlighted ⑧. Which characters remain available depends on the characters already entered by the user and on the data stored in the digital map. Characters that are no longer available are shown in gray ⑥.

▶ Select E, W, space, Y in order and confirm each with ⍟.

P82.87-5446-31

Entering characters using the number keypad

▶ Press the 6 MNO number key twice in quick succession to select the letter N.
The character appears at the bottom of the display when the key is pressed. The first available letter is highlighted.

You see which characters you can enter with that key. Each time the key is pressed, the next character is selected.

Example: key 6 MNO:

- press once = M
- press twice = N
- press three times = O

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

▶ Enter E, W, space, Y with the corresponding keys.

ⓘ The space is entered using number key ⓪.

Further functions in the list with character bar

▶ **To delete characters:** select CLR by sliding ◎ and turning ◎ the COMAND controller and press ⍟ to confirm.

or

▶ Press the CLR button next to the COMAND controller.

▶ **To delete an entry:** select the CLR symbol by sliding ◎ and turning ◎ the

COMAND controller then press and hold until the entire entry is deleted.

or

- Press and hold the CLR button next to the COMAND controller until the entire entry is deleted.
- **To switch the character set:** select and press to confirm.
- **To cancel an entry:** select the BACK symbol in the bottom left of the character bar and press to confirm.

or

- Press the BACK back button.
  The address entry menu appears.
- **To accept the first list entry:** press and hold the COMAND controller until the address entry menu appears.
  The accepted list entry is shown there.

Calling up the list as a selection list

Select the desired city from the selection list.

If there are several entries for a city or if several cities of the same name are stored, then ok is highlighted in the character bar.

- Press the COMAND controller.

It is also possible to switch the city list to the selection list at any time during character input.

- Slide the COMAND controller repeatedly until the city list appears as a selection list.

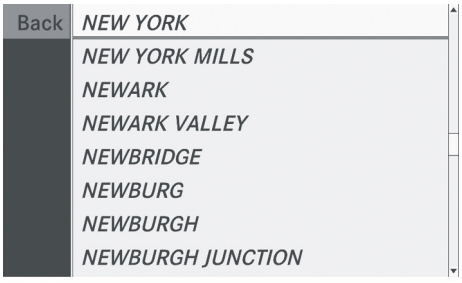
or

- Select ok in the character bar by turning the COMAND controller and press to confirm.

Option 2: city list as selection list

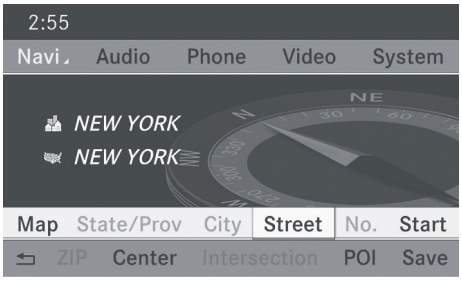
COMAND either shows the selection list automatically or you can call up the selection list from the list with character bar.

The example shows the selection list after the city NEW YORK has been entered. The entry is highlighted automatically.



P82.87-5447-31

- Confirm NEW YORK with COMAND controller .
  The address entry menu appears. You can now enter a street, for example.



P82.87-5448-31

You will find further information in the "Destination entry" section (▷ page 49).

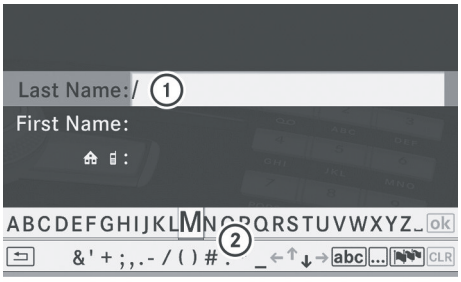
Entering characters in the address and the phone book

Introduction

The following section describes how to enter characters in the phone book (▷ page 106) and the address book (▷ page 113) when creating a new entry.

Creating a new entry in the phone book

- Call up the input menu with data fields (▷ page 108).



P82.87-5450-31

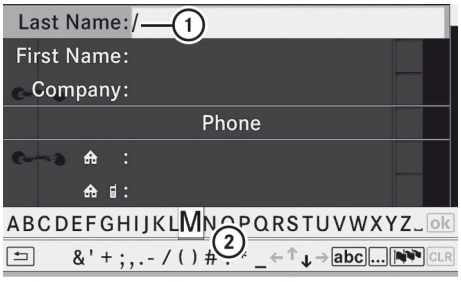
Phone book: input menu with data fields

① Selected data field with cursor

② Character bar

Creating a new entry in the address book

▶ Call up the input menu with data fields (▷ page 113).



P82.87-2142-31

Input menu with data fields

① Selected data field with cursor

② Character bar

Entering characters

The example describes how to enter the surname Schulz.

▶ Select S by turning ◀▶ and sliding ▲▼ the COMAND controller and press ⟲ to confirm.
S is entered into the data field. All characters are shown in black and can always be selected in the character bar.

The character bar offers characters corresponding to the respective data field (letters or digits).

P82.87-5404-31

① To switch the character bar to upper-case/lower-case letters

② To switch the character bar from upper/lower-case letters to digits

③ To change the language of the character bar

④ To delete a character/an entry

▶ Select c and confirm by pressing ⟲ the COMAND controller.
The letter c is added to S in the data field.

▶ Repeat this step until the name is fully entered.

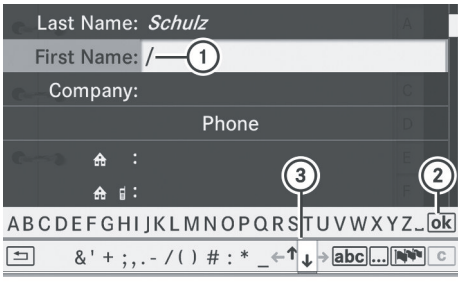
▶ **To enter a phone number:** select the digits one by one in the corresponding data field by turning ◀▶ and sliding ▲▼ the COMAND controller and press ⟲ to confirm.

Switching data fields

If you want to enter a first name after you have entered a surname, for example, proceed as follows to switch between the data fields:

Option 1

▶ Select ↑ or ↓ in the character bar and press ⟲ to confirm.
The input menu shows the data field selected.



P82.87-5405-31

① Cursor in the next data field

② To store an entry

③ ↑ and ↓ icons to select a data field

Option 2

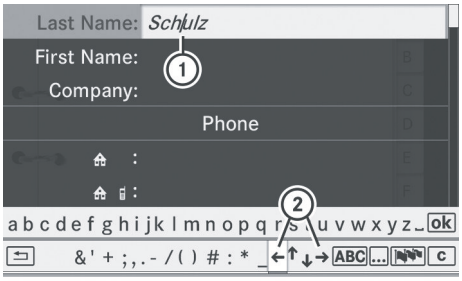
- ▶ Slide ↑◎ the COMAND controller repeatedly until the character bar disappears.
- ▶ Select the data field by sliding ↑◎↓ and press ◎ to confirm.

Storing an entry

- ▶ Select ok in the character bar by turning ◖◎◗ the COMAND controller and press ◎ to confirm.
  The entry is stored in the address book.

Further functions available in the character bar

- ▶ **To switch the character bar to upper/lower-case characters:** select ABC or abc and press ◎ to confirm.
- ▶ **To switch the character set:** select ... and press ◎ to confirm.
  The character set switches between upper/lower-case letters and digits.
- ▶ **To change the language of the character bar:** select ⚑.
- ▶ Select the language by turning ◖◎◗ the COMAND controller and press ◎ to confirm.
- ▶ **To reposition the cursor within the data field:** select ← or → and press ◎ to confirm.



P82.87-5406-31

① Cursor (repositioned)

② ← and → icon to reposition the cursor

- ▶ Delete the character/entry (▷ page 27).

Basic functions of COMAND

Switching COMAND on/off

- ▶ A warning message appears. COMAND calls up the previously selected menu.

ⓘ If you switch off COMAND, playback of the current audio or video source will also be switched off.

Switching the COMAND display on/off

- ▶ Press the SYS function button.

or

- ▶ Select System in the main function bar by sliding ↑◎ and turning ◖◎◗ the COMAND controller and press ◎ to confirm.
  In both cases, the system menu appears.
- ▶ **To switch off:** select Display Off and press ◎ to confirm.
- ▶ **To switch on:** press the ON control knob or the BACK back button.

Mute

Switching audio and video sources on/off

▶ Press the [🔇] button on COMAND or on the multifunction steering wheel.
The sound from the respective audio or video source is switched on or muted.

ⓘ When the sound is off, the system displays the 🔇 icon in the status line. When you change the audio or video source, or adjust the volume, sound automatically switches on again.

ⓘ You will still hear traffic announcements[1] and navigation system announcements even if the sound is muted.

Switching off all navigation announcements

▶ **Navigation announcements:** press the [🔇] button during the announcement.

Switching navigation announcements back on

▶ Press [🔇] again.

ⓘ The navigation announcements are switched on again if you start a new route guidance or if COMAND is switched off and on with the ON control knob.

Adjusting the volume

Adjusting the volume for the audio or video source

▶ Turn the ON control knob.

or

▶ Press the [+] or [−] button on the multifunction steering wheel.
The volume of the currently selected audio or video source changes.

You can also adjust the volume for the following:

- navigation announcements
- phone calls
- Voice Control System voice output (see the separate operating instructions)

Adjusting the volume for navigation announcements

During a navigation announcement:

▶ Turn ON the control knob.

or

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

Adjusting the volume for phone calls

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

▶ Turn the ON control knob.

or

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

Adjusting the sound settings

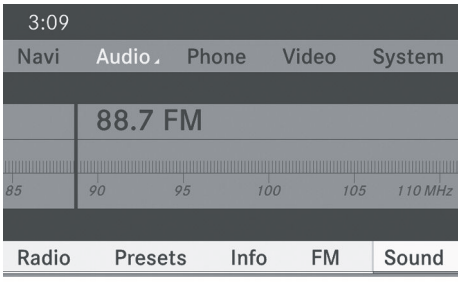
Calling up the sound menu

You can make various sound settings for the different audio and video sources. This means that it is possible to set more bass for radio mode than for audio CD mode, for example. You can call up the respective sound menu from the menu of the desired mode.

The example describes how to call up the sound menu in radio mode.

▶ Press the [RADIO] function button.
The radio display appears. You will hear the last station played on the last waveband.

[1] Traffic program is not available in all countries.

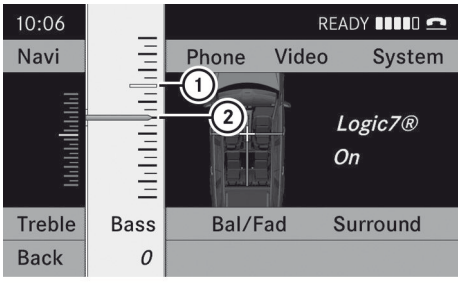


P82.87-5451-31

▶ Select Sound by sliding ◎↓ and turning ◎ the COMAND controller and press ⏲ to confirm.
You can now set the treble and bass or the balance and fader for radio mode.

Adjusting treble and bass

▶ Select Treble or Bass in the sound menu by turning ◎ the COMAND controller and press ⏲ to confirm.
An adjustment scale appears.



P82.86-9963-31

Setting the bass

① Last setting selected

② Current setting

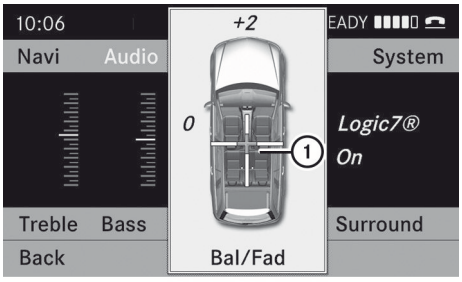
▶ Select a setting by turning ◎ the COMAND controller and press ⏲ to confirm.
The setting is stored and you exit the menu.

Adjusting balance and fader

With the Balance function, you can control whether the sound is louder on the driver's or front-passenger side.

The Fade function is used to control whether the sound is louder in the front or the rear of the vehicle.

▶ Select Bal./Fad. (balance/fader) in the sound menu by turning ◎ the COMAND controller and press ⏲ to confirm.



P82.86-9964-31

Adjusting balance and fader

① Current setting

▶ Select a setting by sliding ↑◎↓ or ←◎→ the COMAND controller and press ⏲ to confirm.
The setting is stored and you exit the menu.

Surround sound

General notes

If your vehicle is equipped with the harman/kardon® Logic 7® surround sound system, you can set the optimum surround sound for every passenger.

The harman/kardon® Logic 7® surround sound system is available for the following operating modes:

- radio (FM only)
- satellite radio
- audio CD
- audio DVD (MLP, dts, PCM and Dolby Digital audio formats)
- MP3 (including PCMCIA memory card)
- Bluetooth® audio mode
- Media Interface
- TV

- video DVD (PCM, dts and Dolby Digital audio formats)
- AUX

Because some DVDs contain both stereo and multichannel audio formats, it may be necessary to set the audio format (▷ page 138).

ⓘ The Logic7® On function creates a surround sound experience for every passenger when playing, for example, stereo recordings. It enables optimum playback of music and films on CD, audio DVD or video DVD with multichannel audio formats, such as MLP, dts or Dolby Digital. This results in sound characteristics like those intended by the sound engineer when the original was recorded.

ⓘ If you select Logic7® Off, all permissible formats are played as stored on the medium. Due to the design of the passenger compartment, an optimum audio experience cannot be guaranteed for all passengers.

ⓘ Discs which support the audio formats mentioned have the following logos:

Dolby Digital

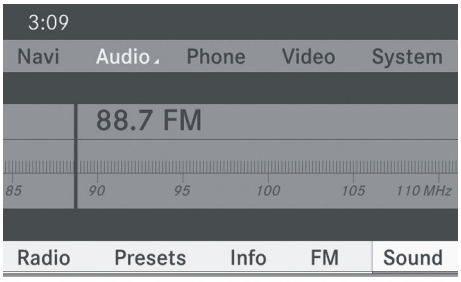
dts

MLP

Switching surround sound on/off

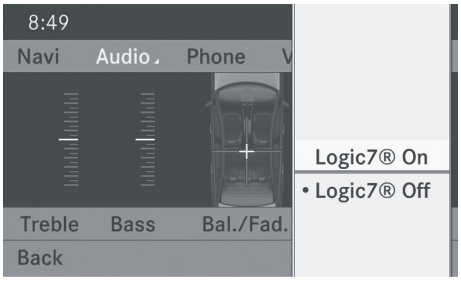
Example: switching on surround sound for radio mode

▶ Press the RADIO function button.
The radio display appears. You will hear the last station played on the last waveband.



▶ Select Sound by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select surround and press ◎ to confirm.



- Select Logic7® On or Logic7® Off by turning the COMAND controller and press to confirm.
  Depending on your selection, surround sound is switched on or off and the menu is exited.
- **To exit the menu without saving:** press the BACK back button or slide the COMAND controller.

Please note the following: for the optimum audio experience for all passengers when LOGIC7® is switched on, the balance and fader settings should be set to the center of the vehicle interior.

You will achieve the best sound results by playing high-quality audio and video DVDs.

MP3 tracks should have a bit rate of at least 128 kbit/s.

Surround sound playback does not function for mono signal sources, such as the medium wave range (MW) in radio mode.

Surround-sound playback does not function for mono signal sources, such as AM radio mode.

If radio reception is poor, e.g. in a tunnel, you should switch off Logic 7®, as it may otherwise switch between stereo and mono and cause temporary sound distortions.

On some stereo recordings, the sound characteristics may differ from conventional stereo playback.

Climate control status display

If you change the settings of the climate control system (see the vehicle Operator's Manual), the climate status display appears for three seconds at the bottom of the screen in the COMAND display. It displays the current settings of the various climate control functions.

The climate status display appears when:

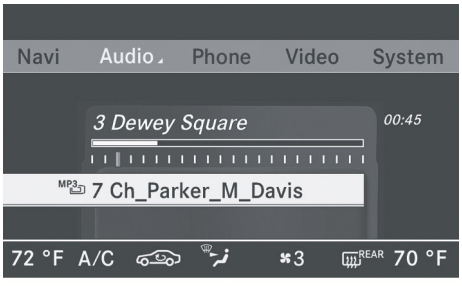
- You turn one of the two temperature controls and set the temperature to the left or right.

or

- You press one of the following buttons:
  - Increases air flow
  - Decreases air flow
  - A/C Switches climate control on/off
  - ZONE Switches the ZONE function on/off
  - AUTO Switches on automatic climate control
  - AIR FLOW Sets the climate control style to automatic mode (FOCUS/MEDIUM/DIFFUSE)
  - Sets the air distribution
  - MAX Switches on the defrost function
  - MAX COOL Switches on maximum cooling

You can set the climate control style in automatic mode with automatic climate control.

The climate status display does not appear when the image from the rear view camera is displayed.



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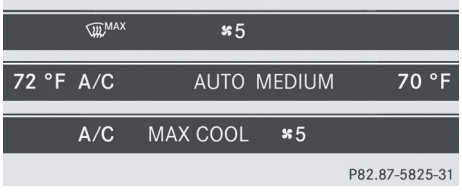
The climate status display in the COMAND display (example)



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The illustration shows an example of the current settings for:

- the defrost function (top)
- the climate control style in automatic mode (center)
- the maximum cooling (bottom)

▶ **To hide the display:** turn ◎ or press ⏲ the COMAND controller.

or

▶ Press one of the buttons on the COMAND operating system.

ⓘ A detailed description of climate control is available in the vehicle Operator's Manual.

Rear view camera

⚠ **WARNING**

The rear view camera is merely an aid. Please observe the corresponding notes in your vehicle's Operator's Manual.

If your vehicle is equipped with a rear view camera, its image is automatically relayed to the COMAND display if the function is activated and you engage reverse gear.

If the function is activated, the COMAND display will automatically switch back to the previously selected display as soon as you shift out of reverse gear.

In vehicles with rear view cameras, you cannot connect external video sources to the video AUX connection.

▶ Press the SYS⊙ function button.
The system menu appears.

▶ Select Settings by turning ◎ the COMAND controller and press ⏲ to confirm.

▶ Select Rear View Camera and press ⏲ to confirm.

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

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described.

Display settings

Switching the display on/off

- ▶ **To switch off the display:** press the SYS button.
- ▶ Select Display Off by turning the COMAND controller and press to confirm.
- ▶ **To switch on the display:** press or turn the COMAND controller.

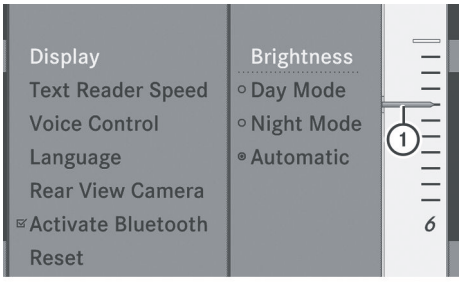
or

- ▶ Press the ON button.

Setting the brightness

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

- ▶ Press the SYS button.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Display and press to confirm.
- ▶ Select Brightness and press to confirm.



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① The needle shows the current setting

- ▶ Adjust the brightness by turning the COMAND controller and press to confirm.

Display design

Your COMAND display features optimized designs for operation during daytime and night-time hours. You can customize the design to suit your personal preferences by manually selecting day or night design or opt for an automatic setting.

- ▶ Press the SYS button.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Display and press to confirm.
- ▶ Select Day Mode, Night Mode or Automatic by turning the COMAND controller and press to confirm.
  The dot in front of the entry indicates the currently selected setting.

Design	Explanation
Day Mode	The display is set permanently to day design.
Night Mode	The display is set permanently to night design.
Automatic	The display design changes depending on the vehicle instrument cluster illumination.

ⓘ When the Automatic setting is selected, COMAND evaluates the readings from the automatic vehicle light sensor and switches between the display designs automatically.

Time settings

General information

If COMAND is equipped with a navigation system and has GPS reception, COMAND automatically sets the time and date. You can also adjust the time yourself in 30-minute increments, but the date cannot be changed.

ⓘ If you set the time in 30-minute increments, any time zone settings and settings for changing between summer and standard time are lost (▷ page 40).

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

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

To set the time

▶ Press the SYS button.

▶ Select Time by turning the COMAND controller and press to confirm.

▶ Select Set Time and press to confirm.

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① To set the time

② Current date (set automatically by COMAND)

▶ Set the time by turning the COMAND controller and press to confirm.

Setting the time/date format

▶ Press the SYS button.

▶ Select Time by turning the COMAND controller and press to confirm.

▶ Select Format and press to confirm. The • dots indicate the present settings.

Abbreviation	Meaning
DD/MM/YYYY	Day/Month/Year (date format)
YYYY/MM/DD	Year/Month/Day (date format)
HH/MM	Hours/Minutes (time format)
You can set the 24-hour or the AM/PM format.	

▶ Set the format by turning the COMAND controller and press to confirm.

Setting the time zone and switching between summer and standard time

- Press the SYS button.
- Select Time by turning the COMAND controller and press to confirm.
- Select Time Zone and press to confirm. You will see a list of time zones. The • dot indicates the current setting.
- Select the time zone and press to confirm.
- **To switch automatic changeover on/off:** select Auto. Daylight Saving Time On or Auto. Daylight Saving Time Off by turning the COMAND controller and press to confirm. The • dot indicates the current setting.

Fuel consumption display

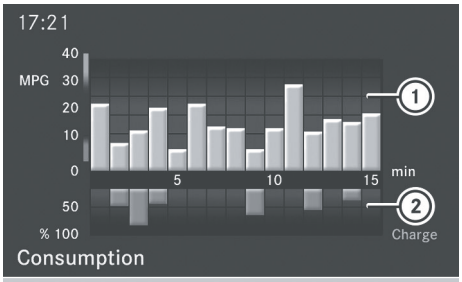
Overview

You can display the fuel consumption in the COMAND display.

If your vehicle is a hybrid vehicle, you can call up other displays (see the separate operating instructions).

Calling up displays

- Press the SYS button.
- Select Consumption in the system menu by turning the COMAND controller and press to confirm. The COMAND display shows fuel consumption ① for the last 15 minutes of the journey.



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① Fuel consumption

② Generated electrical energy (hybrid vehicles, see the separate operating instructions)

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

Fuel consumption display ① may differ from the display in the FROM START trip computer in the Trip menu; see the vehicle Operator's Manual.

Exiting the display

- Press the COMAND controller.
- Confirm Time by pressing . The system menu appears.

Text reader settings

Setting the read-aloud speed

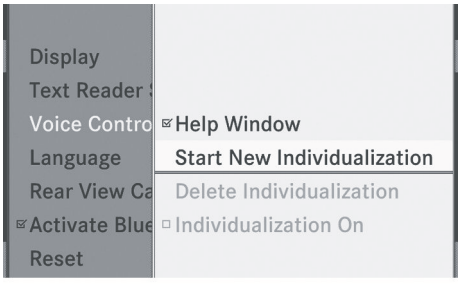
- Press the SYS button.
- Select Settings by turning the COMAND controller and press to confirm.
- Select Text Reader Speed and press to confirm. A list appears. The • dot indicates the current setting.
- Select a setting by turning the COMAND controller and press to confirm.

Voice Control System settings

Activating/deactivating the help window

In addition to the audible instructions, the help window will show you other information during voice control operation and the individualization process.

- ▶ Press the SYS button.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Voice Control and press to confirm.
- ▶ Select Help Window and press to confirm.
  You have switched the help window on ☑ or off ☐.



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Individualization

Introduction

You can use the individualization function to fine tune the Voice Control System to your voice and therefore improve voice recognition. However, this will affect the system's ability to recognize the voices of other users. For this reason this function can be switched off (▷ page 42).

Individualization consists of two parts and lasts about five minutes. It involves training the system using a certain number of numerical sequences and voice commands.

Starting new individualization

It is only possible to start individualization when the vehicle is stationary. Before starting, switch off all devices or functions which could interfere, such as the radio or the navigation system. After starting the session, the system guides you through the training with spoken instructions.

- ▶ Press the SYS button.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Voice Control and press to confirm.
- ▶ Select Start New Individualization and press to confirm.
  You see and hear a prompt asking whether you would like further information.
- ▶ Select Yes or No and press to confirm.
  If you select No, the first part of individualization begins. You hear a prompt asking whether you would like to train the system in numbers or in voice commands.
  After selecting Yes, you see an information display and hear information regarding the individualization process. The first part of individualization then begins automatically.
- ▶ **To close the display:** press the COMAND controller.
  You hear a prompt asking whether you would like to train the system in numbers or in voice commands.

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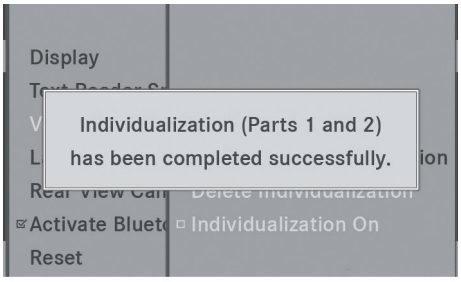
At the end of the first part, you will see a prompt asking whether you wish to begin the second part.

▶ Select Yes or No and press to confirm.
If you select No, individualization will be canceled. The data from the first part is stored automatically.
If you select Yes, the second part will begin.

Individualization is completed at the end of the second part. You will see a message to this effect. The data from the second part is stored automatically.



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Canceling the first or second part of individualization

▶ Confirm Cancel by pressing the COMAND controller.
A prompt appears asking whether you really do wish to cancel.

▶ Select Yes or No and press to confirm.
If you select Yes, individualization will be canceled. The data from the part canceled is not stored.
If you select No, the current part begins again.

Deleting existing individualization data

▶ Press the SYS button.

▶ Select Settings by turning the COMAND controller and press to confirm.

▶ Select Voice Control and press to confirm.

▶ Select Delete Individualization and press to confirm.
A prompt appears asking whether you really wish to delete.

▶ Select Yes or No and press to confirm.
If you select No, the process will be aborted.
If you select Yes, the individualization is deleted. You will see a message to this effect.

Activating/deactivating individualization

▶ Press the SYS button.

▶ Select Settings by turning the COMAND controller and press to confirm.

▶ Select Voice Control and press to confirm.

▶ Select Individualization On and press to confirm.
You have switched individualization on ☑ or off ☐.

Bluetooth® settings

General information about Bluetooth®

Bluetooth®-capable devices, e.g. mobile phones, must support Hands-Free Profile 1.0 or above in order to be connected to COMAND. Every Bluetooth® device has its own specific Bluetooth® name.

Bluetooth® technology is the standard for short-range wireless data transmission of up to approximately 10 meters. Bluetooth® allows, for example, the exchange of vCards.

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

Activating/deactivating Bluetooth®

- ▶ Press the SYS button.
  The system menu appears.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Activate Bluetooth and press to confirm.
  This switches Bluetooth® on ☑ or off ☐.

System language settings

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

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

- ▶ Press the SYS button.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Language and press to confirm.
  The list of languages appears. The • dot indicates the current setting.
- ▶ Select the language by turning the COMAND controller and press to confirm.
  COMAND loads the selected language and sets it.

Reset function

You can reset COMAND to the factory settings. Amongst other things, this will delete all personal data (e.g. station presets, address book entries, entries in the destination memory and in the list of previous destinations in the navigation system). 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 MUSIC REGISTER, will be deleted. You can also delete music files from the MUSIC REGISTER using the "Delete all music files" (▷ page 142) function.

- ▶ Press the SYS function button.
- ▶ Select Settings by turning the COMAND controller and press to confirm.
- ▶ Select Reset and press to confirm.
  A prompt appears asking whether you wish to reset.
- ▶ Select Yes or No and press to confirm.
  If you select No, the process will be aborted.
  If you select Yes, a prompt will appear again asking whether you really wish to reset.
- ▶ Select Yes or No and press to confirm.
  If you select Yes, a message will be shown. COMAND is reset and restarted.
  If you select No, the process will be aborted.

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described.

Introduction

Safety notes

⚠ **WARNING**

For safety reasons, only enter a destination when the vehicle is stationary. When the vehicle is in motion, a passenger should enter the destination. Study manual and select route before driving.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

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

- Traffic lights
- Stop and right-of-way-signs
- Lane merging
- Parking or stopping prohibited areas
- Other road and traffic rules and regulations
- Narrow bridges

⚠ **WARNING**

COMAND may give incorrect navigation commands if the data in the digital map does not correspond with the actual road/traffic situation. Digital maps do not cover all areas nor all routes within an area. For example, if the traffic routing has been changed or the direction of a one-way road has been reversed.

For this reason, you must always observe applicable road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the navigation commands generated by the system.

⚠ **WARNING**

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. Consulting the symbols or map display for directions may cause you to divert your attention from driving and increase your 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.

Input restriction

On vehicles for certain countries, there is a restriction on entering data.

The restriction is active above a vehicle speed of about 3 mph. The restriction is deactivated as soon as the vehicle speed drops below about 2 mph.

When the restriction is active, certain entries cannot be made. This will be indicated by the

fact that certain menu items are grayed out and cannot be selected.

The following entries are not possible, for example:

- entering the destination city and street
- entering a destination via the map
- entering in the vicinity of a city or via a name search
- editing entries
- direct entry using the number keypad

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

Switching to navigation mode

▶ Press the NAVI function button.

or

▶ Select Navi in the main function bar by sliding ⬆◎ and turning ❴◎❵ the COMAND controller and press ◉ to confirm.

In both cases, you will see the map either with or without the menu shown.

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Map showing the menu; route guidance inactive

① Status bar
② Main function bar
③ Current vehicle position
④ Navigation menu bar

P82.87-3762-31

Map without the menu; route guidance inactive

① Current vehicle position
② Map orientation selected
③ Map scale selected

"Route guidance active" means that you have entered a destination and that COMAND has calculated the route. The display shows the route, changes of direction and lane recommendations. Navigation announcements guide you to your destination.

"Route guidance inactive" means that no destination has been entered and that no route has been calculated.

Showing/hiding the menu

▶ **To hide the menu:** slide ⬆◎ the COMAND controller and, when the Full Screen menu item is shown, press ◉ to confirm. The map can be seen in the full-screen display.

▶ **To show the menu:** press ◉ the COMAND controller when the map is shown in full-screen.

Basic settings

Route mode

Setting route type and route options

You can select the following route types:

- Short Route: COMAND calculates a route with the shortest possible (minimized) distance without taking traffic reports into consideration.
- Dynamic Route: same route type as Fast Route. In addition, COMAND takes any traffic reports received with regard to the route into account during route guidance. The navigation system can help you avoid a traffic jam, for example, by recalculating the route.
- Dynamic Route Only After Request: same route type as Dynamic Route. After recalculating the route, COMAND asks you whether you wish to adopt the new route or whether you would prefer to continue along the original route.
- Eco Route: the Eco Route (economic route) is a variant of the Fast Route route type. COMAND will attempt to minimize the journey distance at the expense of a slightly increased journey time.
- Fast Route: COMAND calculates a route with the shortest (minimized) journey time without taking traffic reports into consideration.

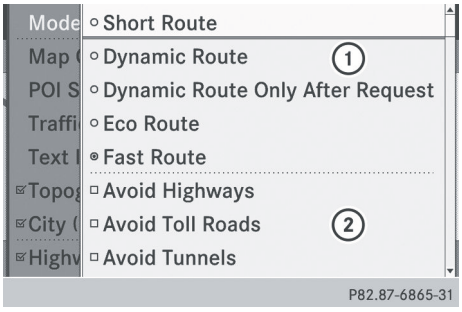
ⓘ On very long routes, the Eco Route more or less corresponds to the Fast Route route type.

Select the route options Avoid Highways, Avoid Toll Roads, Avoid Tunnels, Avoid Ferries and Avoid Auto Trains. You can select more than one route option.

▶ **To call up the route mode menu:** press the NAVI function button.

▶ Select Navi in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ◔ to confirm.

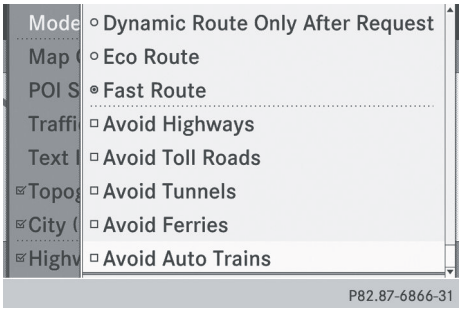
▶ Select Mode and press ◔ to confirm.



Route mode menu (start of menu)

① To select the route type

② To set route options



Route mode menu (end of menu)

▶ Select a route type and press ◔ to confirm. A filled circle indicates the current setting.

▶ Select the route option(s) and press ◔ to confirm.
The route options are switched on ☑ or off ☐, depending on the previous status.

ⓘ If you change the route type and/or the route options while route guidance is active (the route has been calculated), COMAND will calculate a new route.

If you change the route type and/or the route options while route guidance is inactive (no destination has been entered yet), COMAND uses the new setting for the next route guidance.

ⓘ The route calculated may, for example, include ferry connections, even if the

Avoid Ferries route option is switched on.

In some cases, e.g. when calculating particularly long routes, COMAND may not be able to take all the selected route options into account.

▶ **To exit the menu:** slide ←◎→ the COMAND controller.

Destination entry

Introduction to destination entry

⚠ **WARNING**

For safety reasons, only enter a new destination when the vehicle is stationary. You could otherwise be distracted from the traffic conditions, cause an accident and injure yourself and others.

The following destination entry options are available:

- entering a destination by address
- entering a destination from the destination memory
- entering a destination from the list of last destinations
- entering a destination using the map
- entering an intermediate stop
- entering a point of interest
- entering a destination using "Search & Send" (▷ page 64)

Entering a destination by address

Introduction

When entering an address as the destination, you have the following options:

- entering the state/province, city/ZIP code and street
- entering the state/province, city/zip code and center
- entering the state/province, city/zip code, street and house number
- entering the state/province, city/zip code, street and intersection
- entering the state/province, street, city and house number
- entering the state/province, street and house number
- entering the state/province, street and intersection

ⓘ You can only enter those cities, streets, zip codes etc. that are stored in the digital map. This means that for some countries, you cannot enter zip codes, for example.

Example: entering an address

The following is a step-by-step example of how to enter an address. The destination address is as follows:

New York (state)

New York (city)

40 Broadway

You can of course enter any country, city, street and house number desired and enter, for example, your home address (My address).

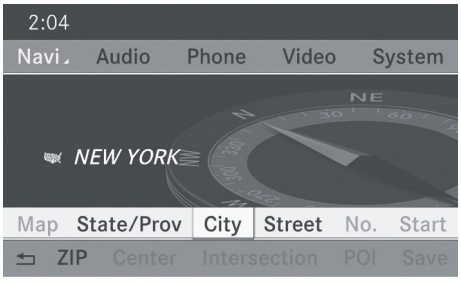
Calling up the address entry menu

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

▶ **To show the menu:** press ⍟ the COMAND controller.

▶ Select Destination by turning ◎ the COMAND controller and pressing ⍟ to confirm.

▶ Select Address Entry and press ⍟ to confirm.
The address entry menu appears. If you have previously entered a destination, this will be shown in the display.



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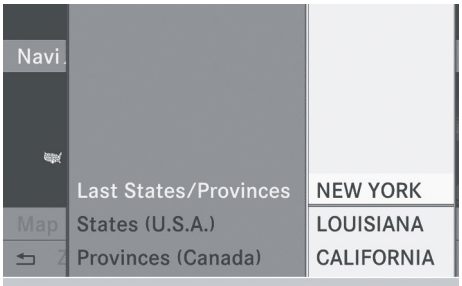
Address entry menu

Depending on the sequence in which you enter the address and on the data status of the digital map, some menu items may not be available at all or may not yet be available.

Example: after you have entered the state/province, the No., Center, Intersection, Save and Start menu items are not yet available; the ZIP menu item will not be available unless the digital map contains zip codes.

Selecting a state/province

- Select State/Prov in the address entry menu by turning the COMAND controller and press to confirm.
  A menu with the available lists appears:
  - Last States/Provinces
  - States (U.S.A.)
  - Provinces (Canada)
- **To select a list**: turn the COMAND controller and press to confirm.
  The selected list shows the available entries.



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Example: list of last states/provinces

- **To select a state/province:** turn the COMAND controller and press to confirm.
  The address entry menu appears again. The state/province selected has now been entered.

Entering the city

- Select City in the address entry menu by turning the COMAND controller and press to confirm.
  You will see the city list either with the character bar (option 1) or as a selection list (option 2).

Option 1: city list with character bar

- Enter NEW YORK. Instructions for entering characters can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).

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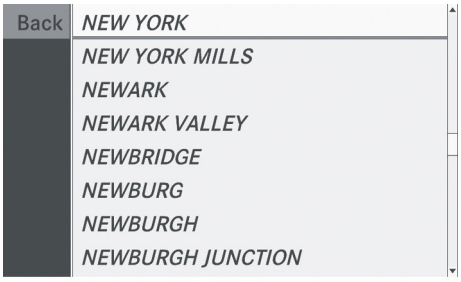
Option 2: city list as selection list



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City list

- ▶ Select an entry by turning ◀◎▶ the COMAND controller.
- ▶ Irrespective of the option, press ⟲ to confirm your selection.
  The address entry menu appears again. The city has now been entered.

Entering a street name

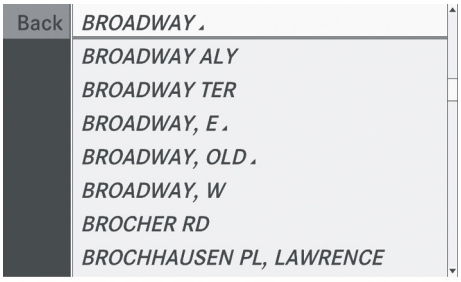
- ▶ Select Street in the address entry menu by turning ◀◎▶ and sliding ▲◎▼ the COMAND controller and press ⟲ to confirm.
  You will see the street list either with the character bar (option 1) or as a selection list (option 2).

Option 1: street list with character bar

- ▶ Enter BROADWAY. Instructions for entering characters using city input as an example can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).

P82.87-5454-31

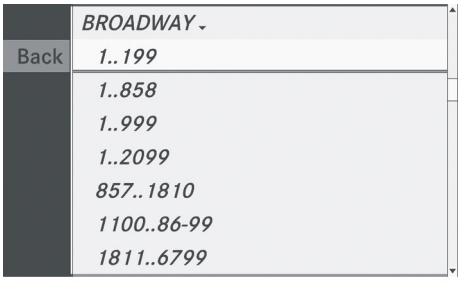
Option 2: street list as selection list



P82.87-5455-31

Street list

- ▶ Select a street by turning ◀◎▶ the COMAND controller and press ⟲ to confirm.
  If an entry features the ◢ icon, it cannot be uniquely assigned and a selection list will open, allowing you to select the desired entry.



P82.87-5456-31

- ▶ Select an entry by turning ◀◎▶ the COMAND controller.
- ▶ Irrespective of the option, press ⟲ to confirm your selection.
  The address entry menu appears again. The street has now been entered.

Entering the house number

It is not possible to enter a house number until a street has been entered.

- ▶ Select No. in the address entry menu by turning ◀◎▶ and sliding ▲◎▼ the

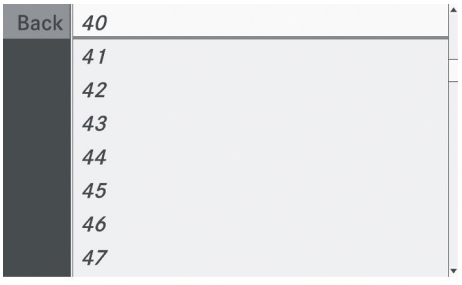
COMAND controller and press ⊛ to confirm.
You will see the house number list either with the character bar (option 1) or as a selection list (option 2).

Option 1: house number list with character bar

▶ Enter 4 and 0. Instructions for entering characters using city input as an example can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).

P82.87-5457-31

Option 2: house number list as selection list



P82.87-5458-31

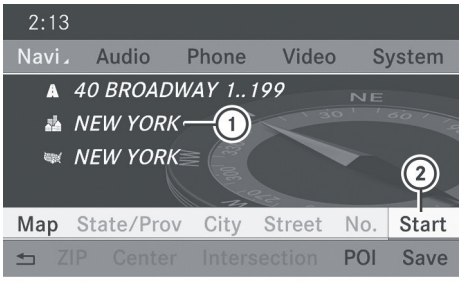
House number list

▶ Select an entry by turning ⊛ the COMAND controller.

▶ Irrespective of the option, press ⊛ to confirm your selection.
The address entry menu appears again. The house number has now been entered.

Starting route calculation

You can now have COMAND calculate the route to the address entered or save the address first, e.g. as your home address (My address) (▷ page 53).



P82.87-5459-31

Address entry menu with destination address

① Destination address

② To start route calculation

▶ In the address entry menu, confirm Start by pressing ⊛.
If no other route has been calculated, route calculation starts immediately (Option 1). If another route has already been calculated (route guidance is active), a prompt appears (option 2).

Option 1 – no route guidance active: route calculation starts. While route calculation is in progress, an arrow will indicate the direction to your destination. Below this, you will see a message, e.g. Calculating Fast Route...

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 of the destination and the Off Mapped Road message. In this case, the display will be grayed out.

Option 2 – route guidance is already active: if route guidance is already active, a prompt will appear asking whether you wish to terminate the currently active route guidance.

▶ Select Yes or No and press ⊙ to confirm.
If you select Yes, COMAND will stop route guidance and start route calculation for the new destination.
If you select No, COMAND will continue with the active route guidance.

ⓘ Route calculation takes a certain amount of time. The time depends on the distance from the destination, for example. COMAND calculates the route using the digital map data.
The calculated route may differ from the ideal route, e.g. due to roadwork or incomplete map data. Please also refer to the notes about the digital map (▷ page 93).

Entering and saving your home address

You can either enter your home address for the first time (option 1) or edit a previously stored home address (option 2).

▶ **Option 1:** enter the address, e.g. a city, street and house number (▷ page 50).

▶ Once you have entered the address, select Save in the address entry menu by turning ⊙ and sliding ⊙ the COMAND controller and press ⊙ to confirm.

▶ Select Save as "My Address" and press ⊙ to confirm.
COMAND stores your home address as My Address in the destination memory.

▶ **Option 2:** proceed as described under "Option 1".
A prompt appears asking whether the current home address should be overwritten.

▶ Select Yes and press ⊙ to confirm.
After selecting Yes, the Saving Procedure Successful message appears.

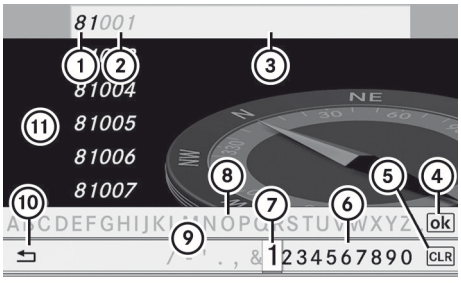
Entering a ZIP code

Entering a ZIP code will delete a previously entered city.

▶ Select ZIP in the address entry menu by turning ⊙ and sliding ⊙ the COMAND controller and press ⊙ to confirm.
You will see the zip code list either with the character bar (option 1) or as a selection list (option 2).

Option 1: ZIP code list with character bar

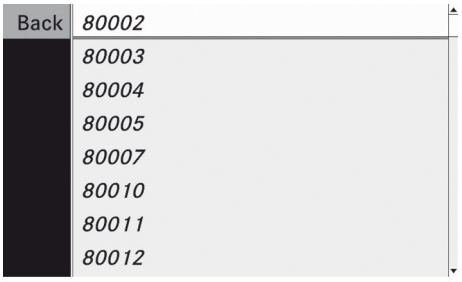
▶ Enter a ZIP code. Instructions for entering characters using city input as an example can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).



P82.86-9993-31

① Digits entered by the user
② Digits automatically added by the system
③ List entry most closely resembling the characters entered so far
④ To switch to the list without the character bar
⑤ To delete the entire entry: press and hold; to delete the last character: press briefly
⑥ Available characters
⑦ Selected character
⑧ Unavailable characters
⑨ Character bar
⑩ To cancel an entry
⑪ List

Option 2: ZIP code list as selection list



P82.86-9994-31

ZIP code list

- ▶ Select the desired zip code by turning ❴◎❵ the COMAND controller.
- ▶ Irrespective of the option, press ↻ to confirm your selection.
  If COMAND is able to assign the ZIP code unambiguously to a specific address, the address entry menu appears again. The ZIP code appears in place of the city's name.
  If COMAND cannot assign the ZIP code unambiguously to a specific address, the address entry menu also appears again. The ZIP code is automatically entered. You can now enter the street for a more precise location. Only streets in the area covered by the entered ZIP code are available.
- ▶ Start route calculation (▷ page 52).

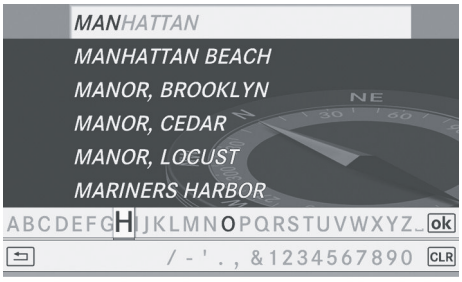
Entering a center

Entering a center will, for example, delete a previously entered street.

- ▶ Select Center in the address entry menu by turning ❴◎❵ and sliding ⬆◎⬇ the COMAND controller and press ↻ to confirm.
  You will see the center list either with the character bar (option 1) or as a selection list (option 2).

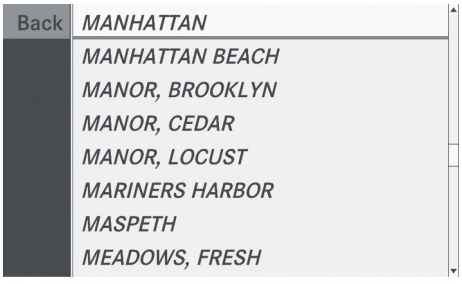
Option 1: center list with character bar

- ▶ Enter a center. Instructions for entering characters using city input as an example can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).



P82.87-5460-31

Option 2: center list as selection list



P82.87-5461-31

- ▶ Select a center by turning ❴◎❵ the COMAND controller.
- ▶ Irrespective of the option, press ↻ to confirm your selection.
  The address entry menu appears again. The center selected has been entered.
- ▶ Start route calculation (▷ page 52).

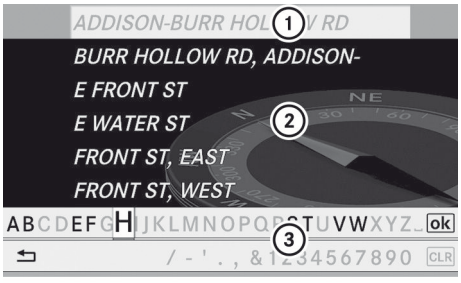
Entering an intersection name

Entering an intersection will delete a previously entered house number.

- ▶ Select Intersection in the address entry menu by turning ❴◎❵ and sliding ⬆◎⬇ the COMAND controller and press ↻ to confirm.
  You will see the intersection list either with the character bar (option 1) or as a selection list (option 2).

Option 1: intersection list with character bar

▶ Enter an intersection. Instructions for entering characters using city input as an example can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).



P82.87-2103-31

① List entry most closely resembling the characters entered so far
② List
③ Character bar

Option 2: intersection list as selection list

P82.87-2478-31

▶ Select an intersection by turning the COMAND controller.

▶ Irrespective of the option, press to confirm your selection.
The address entry menu appears again. The intersection selected has been entered.

▶ Start route calculation (▷ page 52).

Selecting a destination from the destination memory (e.g. My address)

Introduction

The destination memory always contains an entry named "My address". You may wish to assign your home address to this entry, for example (▷ page 53), and select it for route guidance. This entry is always located at the top of the list in the destination memory.

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

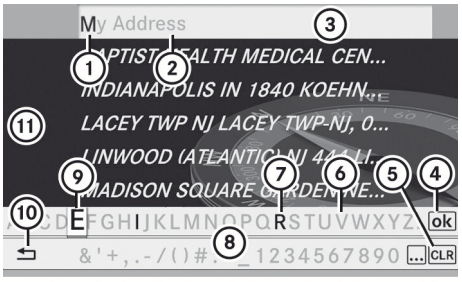
▶ **To show the menu:** press the COMAND controller.

▶ Select Destination in the navigation system menu bar by turning the COMAND controller and pressing to confirm.

▶ Select From Memory and press to confirm.
You will see the destination memory list either with the character bar (option 1) or as a selection list (option 2).

Option 1: destination memory list with character bar

▶ Enter a destination, e.g. "My address". Instructions for entering characters using city input as an example can be found in the "Entering characters in navigation mode (entering a city)" section (▷ page 26).



P82.87-2106-31

① Character entered by the user
② Characters automatically added by the system
③ List entry most closely resembling the characters entered so far
④ To switch to the selection list
⑤ To delete an entry
⑥ Characters not currently available
⑦ Characters currently available
⑧ Character bar
⑨ Currently selected character
⑩ To cancel an entry
⑪ Destination memory list

Option 2: destination memory list as selection list

P82.87-5836-31

Destination memory list

▶ Select My Address by turning ❴◎❵ the COMAND controller.

▶ Irrespective of the option, press ⍉ to confirm your selection.
The address entry menu appears again. "My address" has been entered.

▶ **To start route calculation:** select Start and press ⍉ to confirm.

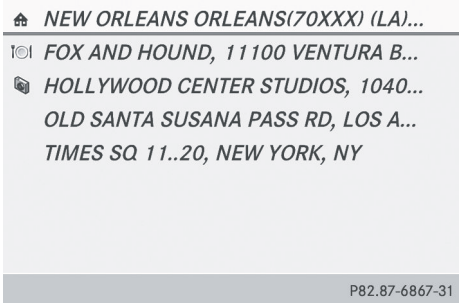
Entering a destination from the list of last destinations

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

▶ **To show the menu:** press ⍉ the COMAND controller.

▶ Select Destination in the navigation system menu bar by turning ❴◎❵ the COMAND controller and pressing ⍉ to confirm.

▶ Select From Last Destinations and press ⍉ to confirm.



P82.87-6867-31

"Last destinations" list

▶ Select the desired destination by turning ❴◎❵ the COMAND controller and pressing ⍉ to confirm.
The address entry menu appears again. The destination address selected has been entered.

▶ **To start route calculation:** select Start and press ⍉ to confirm.
Once the route has been calculated, route guidance begins (▷ page 65).

Further information on the "Last destinations" memory can be found on (▷ page 82).

Entering a destination using the map

Calling up the map

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Destination in the navigation system menu bar by turning the COMAND controller and pressing to confirm.
- Select Using Map and press to confirm. You see the map with the crosshair.

P82.87-3763-31

① Current vehicle position
② Crosshair
③ Details of the crosshair position
④ Map scale selected

Display ③ depends on the settings selected in "Map information in the display" (▷ page 87). The current street name can be shown, provided the digital map contains the necessary data, or the coordinates of the crosshair if the geo-coordinate display is switched on and the GPS signal is strong enough.

Moving the map and selecting the destination

- **To scroll the map:** slide ←◎→, ↑◎↓ or ⤡◎⤢ the COMAND controller.
- **To set the map scale:** as soon as you turn ⟨◎⟩ the COMAND controller, the scale bar appears.
- Turn ⟨◎⟩ until the desired scale is set. Turning clockwise zooms out from the map; turning counter-clockwise zooms in.
- **To select a destination:** press the COMAND controller once or several times. You will see either the address entry menu with the destination address or, if COMAND is unable to assign a unique address, a selection list.

P82.87-2109-31

- Select a destination by turning ⟨◎⟩ the COMAND controller and press to confirm.
  If the destination is within the limits of the digital map, COMAND attempts to assign the destination to the map.
  If the destination can be assigned, you will see the address entry menu with the address of the destination. If not, you will see the Destination From Map entry.
- **To start route calculation:** select Start and press to confirm.

Entering an intermediate stop

Introduction

When route guidance is active, you can enter an intermediate stop. Intermediate stops can be predefined destinations from the following categories that COMAND offers for selection:

- ATM / CASH MACHINE
- Hospital
- Gas Station
- Parking Lot
- Restaurant

However, you can also enter destinations other than the predefined ones. To do this select the menu item Other.

You can use the intermediate stop function to influence route guidance to the main destination. When you have reached your intermediate stop, COMAND automatically recalculates the route to the main destination.

Entering predefined destinations

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Destination in the navigation system menu bar by turning the COMAND controller and pressing to confirm.
- Select Stopover and press to confirm.

Option 1: no intermediate stop has been entered yet.

- Select a category; see option 2.

Option 2: an intermediate stop has already been entered.

- Select Change Stopover and press to confirm.
- **To select a category:** select a category by turning the COMAND controller and pressing to confirm.
  COMAND first searches in the selected category for destinations along the route. If there are no destinations available there, COMAND searches for destinations within a radius of up to 60 mi of the vehicle position.
  If COMAND finds destinations, a list appears on the right-hand side of the display.
  The intermediate stops are listed according to increasing distance from the current vehicle position. They are displayed in the form of a name and their position in relation to the route and your direction of travel.

For intermediate stops that are not located along the calculated route, the linear distance is shown.

If COMAND does not find any destinations, you will see a message to this effect.

- Confirm OK by pressing .
- Select a different category.
- Select the intermediate stop by turning the COMAND controller and pressing to confirm.
  The address entry menu appears, showing the destination address.
- **To start route calculation:** select Start and press to confirm.

Entering another destination as an intermediate stop

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Dest. in the navigation system menu bar by turning the COMAND controller and pressing to confirm.
- Select Stopover and press to confirm.

▶ Select Other and press to confirm.

▶ Select Address Entry, From Memory, From Last Destinations or From POIs.

Selection	Step
Address Entry	▶ Enter a destination by address (▷ page 49).
From Memory	▶ Select a destination from the destination memory (▷ page 55).
From Last Destinations	▶ Select a destination from the list of last destinations (▷ page 56).
From POIs	▶ Enter a point of interest (▷ page 59).

▶ **To start route calculation:** once you have entered a destination, select Start and press to confirm.

Deleting an intermediate stop

If an intermediate stop has already been entered, you can delete it.

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

▶ **To show the menu:** press the COMAND controller.

▶ Select Destination in the navigation system menu bar by turning the COMAND controller and pressing to confirm.

▶ Select Stopover and press to confirm.

▶ Select Delete Stopover and press to confirm.
COMAND deletes the intermediate stop and recalculates the route to the main destination.

Entering a point of interest

Initiating point of interest entry

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

▶ **To show the menu:** press the COMAND controller.

▶ Select Destination in the navigation system menu bar by turning the COMAND controller and press to confirm.

▶ Select From POIs and press to confirm.
A menu appears.

Entering a point of interest in the vicinity of the destination

Entering a point of interest in the vicinity of the destination is only possible when route guidance is active.

▶ Select Near Destination from the menu and press to confirm.

▶ Continue with assigning the point of interest category (▷ page 60).

Entering a point of interest in the vicinity of the current position

▶ Select Current Position and press to confirm.

▶ Continue with assigning the point of interest category (▷ page 60).

Entering a point of interest in the vicinity of a specific city

Option 1

- ▶ Select Other City in the menu and press ⊛ to confirm.
- ▶ If desired, select the state/province (▷ page 50).
- ▶ **To enter a city:** select City and press ⊛ to confirm.
  Proceed as described in the "Entering a city" section (▷ page 50).
- ▶ After entering the city, select the point of interest category (▷ page 60).

Option 2

- ▶ Enter an address in the address entry menu, e.g. a city, street and house number (▷ page 50).
- ▶ Select POI and press ⊛ to confirm.
- ▶ Determine the point of interest category (▷ page 60).

Entering a point of interest using name search

This function allows you to access all the points of interest available on the digital map.

- ▶ Select Search By Name in the menu and press ⊛ to confirm.
  A list of all points of interest in the digital map appears.
- ▶ Proceed as described in the "Point of interest list with character bar" section (▷ page 63).

Entering a point of interest using the phone number search

This function gives you access to all points of interest that have a phone number.

- ▶ Select Search By Phone Number and press ⊛ to confirm.
  You will see a list of phone numbers.
- ▶ Proceed as described in the "Point of interest list with character bar" section (▷ page 63).

Assigning a point of interest category

Introduction

The categories and points of interest available depend on the distance from the vehicle position you have set for the point of interest.

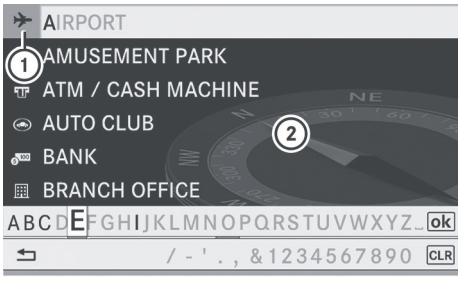
- Point of interest in the vicinity of the destination:
  Alphabetically sorted categories, as well as points of interest in the vicinity of the target destination and sorted by distance are available.
- Point of interest in the vicinity of the current position:
  Alphabetically sorted categories are available, as well as points of interest in the vicinity of the vehicle position arranged by distance.
- Point of interest within a given city:
  If you have entered only the state/province and the city, the system will return alphabetically sorted categories and points of interest within the city limits.
  If you have entered more than the state/province and the city, the system will return alphabetically sorted categories and points of interest sorted by distance, all in the vicinity of the address you entered.
- Point of interest using name search:
  An alphabetically sorted list of all points of interest is available.
  The list sorts points of interest with the same name and in the same category according to distance, starting with those nearest to you.

Selecting a category

Depending on the number of categories available, you will see the main category list either with the character bar (option 1) or as a selection list (option 2).

Option 1: main category list with character bar

▶ Select a category. Proceed as described in the "Entering characters" section (▷ page 26).

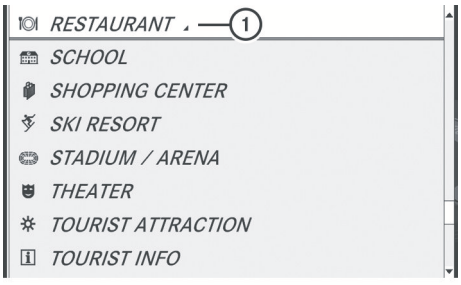


P82.87-5408-31

① Main category icon
② Main category list

Option 2: main category list as selection list

▶ Select a main category by turning ⟨◎⟩ the COMAND controller.



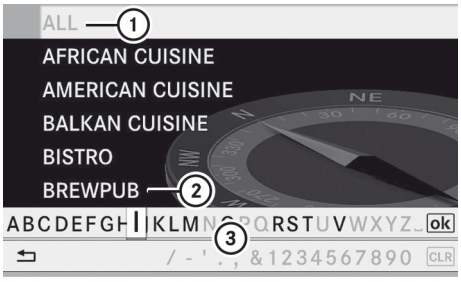
P82.87-4130-31

Example display: main category list for points of interest

① Selected main category with the ◢ icon for subcategories

▶ Irrespective of the option, press ⟲ to confirm your selection.
If the selected main category does not contain any sub-categories, the point of interest list appears.

If the selected main category contains sub-categories, you will see the list of sub-categories either with the character bar (option 1) or as a selection list (option 2). The following illustration shows the RESTAURANT main category with available sub-categories as an example.



P82.87-2112-31

① To call up all entries in the RESTAURANT main category
② To call up all entries in the BREWPUB subcategory
③ Character bar

▶ **Option 1:** select a category. Proceed as described in the "Searching for a phone book entry" section (▷ page 106).

▶ **Option 2:** select a category by turning ⟨◎⟩ the COMAND controller.

▶ Irrespective of the option, press ⟲ to confirm your selection.
The point of interest list appears. It contains the points of interest available in the sub-category that are within the search radius.

ⓘ Search radius means: COMAND searches within a radius of approximately 60 mi and ceases searching when 50 points of interest have been found.

If COMAND does not find any points of interest within this radius, it extends its

search range to approximately 125 mi. If COMAND finds one point of interest within this radius, it finishes the search.

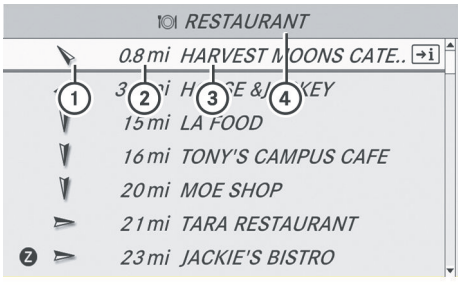
If you select the ALL list item, the point of interest list contains all points of interest for all subcategories in the RESTAURANT main category which lie within the search radius.

If you select the OTHER RESTAURANTS list item at the end of the list, the points of interest list contains all points of interest which cannot be assigned to any subcategory of the RESTAURANT main category and which lie within the search radius.

Point of interest list

Introduction

The illustration below shows an example of the points of interest list for the RESTAURANT main category and BREWPUB subcategory in the vicinity of the current position.



P82.87-3817-31

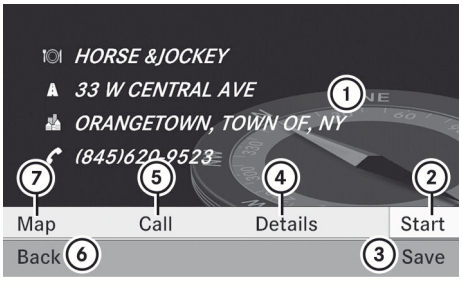
① Compass heading to the point of interest
② Linear distance to the point of interest
③ Point of interest
④ Selected category or sub-category

Depending on the point of interest selected, COMAND uses different reference points in determining the linear distance to the destination:

- vicinity of current position: the linear distance is the distance of the point of interest from the current vehicle position.
- vicinity of destination: the linear distance is the distance from the destination entered to the point of interest.

Selecting a point of interest

▶ Select a point of interest by turning the COMAND controller and press to confirm.
The complete address of the point of interest selected is shown.



P82.87-2114-31

① Point of interest with address
② To start route calculation
③ To store an address in the destination memory
④ To display details
⑤ To make a call (when available)
⑥ To cancel selection
⑦ To show an address on the map

▶ **To start route calculation:** select Start and press to confirm.

▶ **To store an address in the destination memory:** select Save and press to confirm. You can now select storage options (▷ page 81).

- ▶ **To show the detailed view:** select Details and press to confirm.
- ▶ **To connect a call:** select Call and press to confirm (available if the point of interest entry contains a phone number). COMAND switches to telephone mode (▷ page 105).
- ▶ **To call up the map:** select Map and press to confirm.
- ▶ You can move the map and select the destination (▷ page 57).

ZAGAT® survey service

Entries with the Z icon contain additional ZAGAT information. ZAGAT rates restaurants, for instance, in regard to the quality of the food, furnishing, service, and provides an average pricing level as well as a general description.

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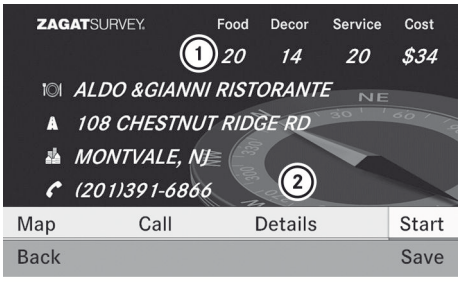
- ▶ Select the entry with the Z icon by turning the COMAND controller and press to confirm.
  The ZAGAT evaluations appear.



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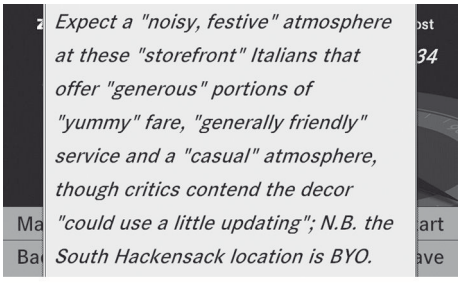
① ZAGAT ratings
② To display details

- ▶ **To show a description:** select Details and press to confirm.



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ZAGAT example description

Point of interest list with character bar

If you have selected "Searching for a point of interest by name" (▷ page 60) or "Searching for a point of interest by phone number" (▷ page 60), the list of all points of interest contained in the digital map appears.

Proceed as described in the "Searching for a phone book entry" section (▷ page 106).

If COMAND can assign the characters entered to one entry unambiguously, the address entry appears automatically.

- ▶ **To start route calculation:** select Start and press to confirm.

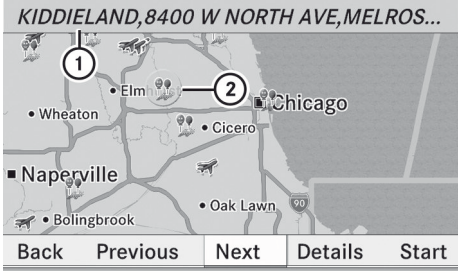
Selecting a point of interest using the map

You can select points of interest that are available in the selected (visible) section of the map.

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Guide in the navigation system menu bar by turning the COMAND controller and press to confirm.
  If points of interest are available:
  Depending on the map scale selected, point of interest icons appear on the map. The scale at which the icons are displayed on the map varies according to the icon. You can select the icons that COMAND will display (▷ page 86).
  If no points of interest are available, you will see a message to this effect.

ⓘ You also see this message if you have selected the No Symbols menu item under "Map display" (▷ page 86).

- **To confirm the message:** press the COMAND controller.



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Point of interest on the map

① Information about the highlighted point of interest

② Highlighted point of interest

- **To select a point of interest:** select Next or Previous and press to confirm.
- **To show details for the selection:** select Details and press to confirm.
- **To start route calculation:** select Start and press to confirm.
  A prompt appears asking whether the point of interest should be used as the destination.
- Select Yes or No and press to confirm.
  If you select Yes, route guidance starts.
  If you select No, you can choose a new point of interest.

Search & Send

Notes

ⓘ To use Search & Send, your vehicle needs to be equipped with mbrace, a navigation system and a valid mbrace subscription.

"Search & Send" is a service assisting you in entering destinations for the navigation system. This mbrace service can send a destination address directly from the Google Maps® or Yahoo Local Maps® websites to the navigation system of your vehicle.

Selecting and sending a destination address

ⓘ Observe the notes on entering and sending an address provided on the respective website. Each website operates in a different way and is subject to changes and amendments.

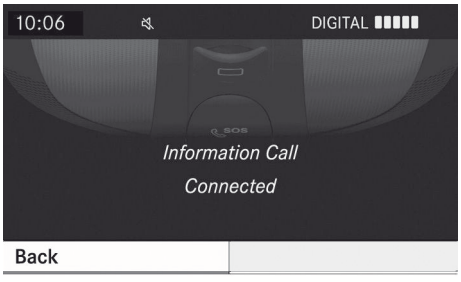
- Access the **http://maps.google.com** or **http://maps.yahoo.com** website and enter the destination address into the address entry field.
- Depending on the website used, click the corresponding button to send the destination address to your mbrace e-mail address.
- Enter the e-mail address you specified when setting up your mbrace account into

the corresponding field in the "Send" dialog window.

▶ Click "Send".

Calling up a destination address

▶ Press the mbrace information button to start downloading the destination address onto the navigation system of your vehicle.



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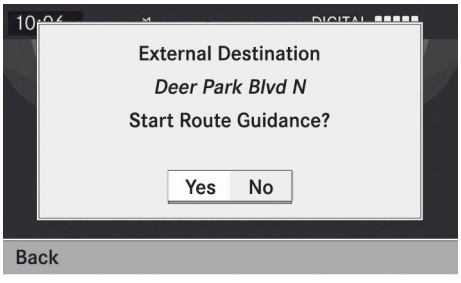
ⓘ If you have sent more than one destination address to your vehicle's navigation system, you will need to call up the information individually for every address to be downloaded.

▶ Select Yes when the prompt for starting the navigation system is shown. The window for starting the navigation system appears (▷ page 52).



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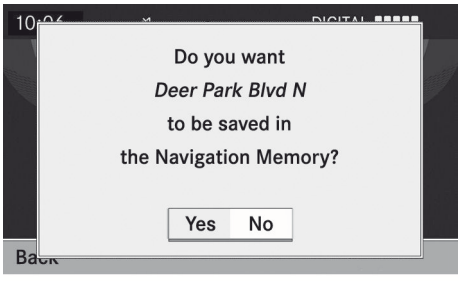
▶ Select Start.

or

▶ Select No to store the downloaded destination in the destination memory for later use.



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ⓘ The destination addresses are downloaded in the same order as they are sent. If you own several Mercedes-Benz vehicles equipped with an mbrace subscriber account, each destination address can be downloaded by each vehicle associated with the e-mail address registered for your mbrace account.

Route guidance

General notes

⚠ WARNING

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

- Traffic lights
- Stop and right-of-way signs
- Lane merging
- Parking or stopping prohibited areas
- Other road and traffic rules and regulations
- Narrow bridges

COMAND may give incorrect navigation commands if the data in the digital map does not correspond with the actual road/ traffic situation. For example, if the traffic routing has been changed or the direction of a one-way road has been reversed.

▷▷

For this reason, you must always observe applicable road and traffic rules and regulations during your journey. Road and traffic rules and regulations always have priority over the navigation commands generated by the system.

Route guidance begins once a route has been calculated (▷ page 52).

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

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

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

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

- when selecting a route, COMAND tries to avoid roads that only have limited access, e.g. roads closed to through traffic and non-residents.
- roads that have time restrictions (e.g. closed on Sundays and public holidays) are avoided for route guidance.

Change of direction

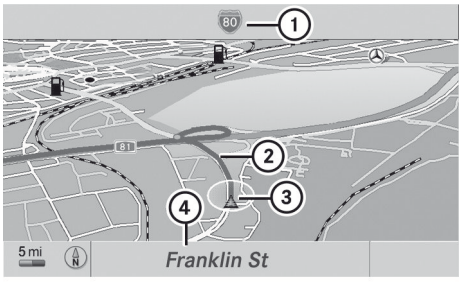
Introduction

Changes of direction have three phases:

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

Preparation phase

COMAND prepares you for the upcoming change of direction. Based on the example display below, the change of direction is announced with the `Prepare to turn right` message. You see the full-screen map.



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Example display: preparation phase

① Next road

② Point at which the change of direction takes place (light blue dot)

③ Current vehicle position (the tip of the triangle indicates the vehicle's direction of travel)

④ Current road

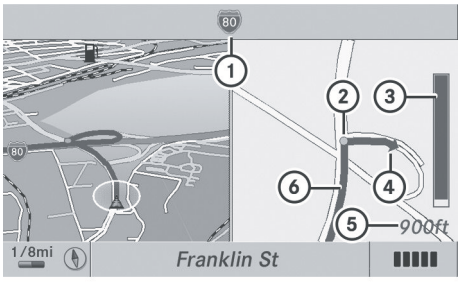
Display ④ depends on the setting selected for "Information in map" (▷ page 87).

Announcement phase

COMAND announces the imminent change of direction. Based on the example display below, the change of direction is announced with the `Please turn right in 900 ft. and follow the <road name>` message.

The announced distance to the next change of direction depends on the type of road and its permissible speed limit.

The display is now split into two sectors. In the left half, you see the normal map view. The right half shows an enlarged section of the area around the intersection (Crossing Zoom) or a 3D image of the road's course with the route indicating the next maneuver.



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Example display: announcement phase

① Next road

② Point at which the change of direction takes place (light blue dot, shown in both the left and right displays)

③ Graphic representation of the distance to the next change of direction

④ Change of direction (turn right here)

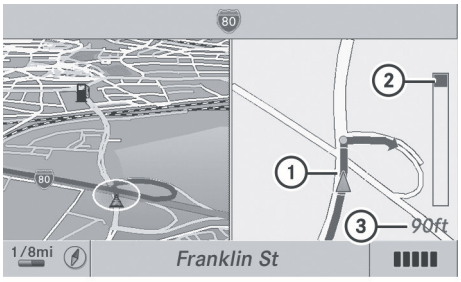
⑤ Distance to the next change of direction

⑥ Route (highlighted in blue, shown in both the left and right displays)

The filled-in section of visual display for distance ③ gets shorter the nearer you get to the announced change of direction.

Change-of-direction phase

COMAND announces the imminent change of direction. In the example, the Now turn right announcement is made 90 ft. before the change of direction. The display is split into two halves, as in the announcement phase.



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Example display: change-of-direction phase

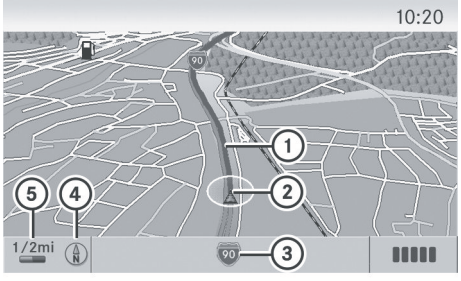
① Current vehicle position: the tip of the triangle indicates the vehicle's direction of travel

② Graphic representation of the distance to the next change of direction

③ Distance to the next change of direction

Once the change of direction is completed, COMAND automatically switches back to full-screen display.

Example of a display without changes of direction



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① Route (highlighted in blue)

② Current vehicle position

③ Current road

④ Map orientation selected

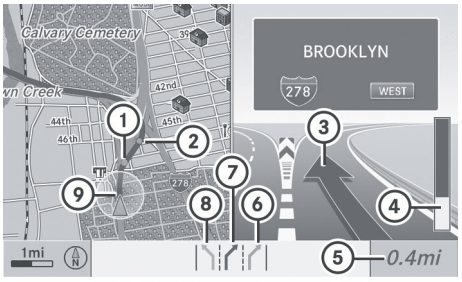
⑤ Map scale selected

Lane recommendations

Overview

On multilane roads, COMAND can display lane recommendations for the next change of direction. The corresponding data must be available in the digital map.

COMAND displays lane recommendations ⑥, based on the next two changes of direction. The number of lanes applies to the point at which the next change of direction is required.



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Example display

① Point of the next change in direction (light blue circle)
② Point of the change of direction after next
③ Next change of direction (in this case, turn off to the right)
④ Graphic representation of the distance to the next change of direction
⑤ Distance to the next change of direction
⑥ Possible lane (light blue)
⑦ Recommended lane (dark blue)
⑧ Lane not recommended (gray)
⑨ Current vehicle position: the tip of the triangle indicates the vehicle's direction of travel

Display and description of lane recommendations

The colors used in the lane recommendation display vary depending on whether day or night design is switched on.

Lane	Day design	Night design
Recommended lane ⑦ In this lane, you will be able to complete the next two changes of direction without changing lanes.	Dark blue	Light blue
Possible lane ⑥ In this lane, you will only be able to complete the next change of direction without changing lanes.	Light blue	Dark blue
Lane not recommended ⑧ In this lane, you will not be able to complete the next change of direction without changing lane.	Gray	Gray

Canceling or continuing route guidance

Canceling route guidance

- ▶ **To switch on navigation mode:** press the NAVI function button.
- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Dest. in the navigation system menu bar by turning the COMAND controller and press to confirm.
- ▶ Select Cancel Route Guidance and press to confirm.

Continuing route guidance

- ▶ **To switch on navigation mode:** press the NAVI function button.
- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Dest. in the navigation system menu bar by turning the COMAND controller and press to confirm.
- ▶ Select Continue Route Guidance and press to confirm.
  COMAND calculates the route.

Destination or area of destination reached

When you reach your destination, COMAND displays a checkered flag and route guidance is automatically ended.

For certain points of interest (airports or freeway intersections), you will see the message: Area of dest. reached in addition to the checkered flag.

Navigation announcements

Repeating navigation announcements

⚠ **WARNING**

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. Consulting the symbols or map display for directions may cause you to divert your attention from driving and increase your risk of an accident.

Audible navigation announcements are muted during a telephone call.

If you have missed an announcement, you can call up the current announcement at any time.

- **To show the menu:** press the COMAND controller.
- Select in the navigation system menu bar by turning the COMAND controller and press to confirm.

Switching navigation announcements on/off

- **To switch off:** press the button during an announcement.
  You will briefly see the message: The driving instructions have been muted.
- **To switch on:** press the COMAND controller.
- Select in the navigation system menu bar by turning the COMAND controller and press to confirm.

COMAND automatically switches the navigation announcements back on when:

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

Reducing volume during a navigation announcement

The volume of an active audio or video source can be automatically reduced during a navigation announcement.

- Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.
- Select Audio Fadeout and press to confirm.
  Depending on the previous status, the function is switched on ☑ or off ☐.

Setting the volume manually

- Adjust the volume using the control knob during a navigation announcement.

or

- Select in the map view with the menu shown and adjust the volume using the control knob.

Avoiding a section of the route blocked by a traffic jam

This function blocks a section of the route ahead of you. You can set the length of the blocked route section. If possible, COMAND calculates a detour around the blocked section of the route.

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Route in the navigation system menu bar by turning the COMAND controller and press to confirm.
- Select Detour and press to confirm.
- **To block a section of the route:** select Longer or Shorter repeatedly and confirm using until the desired section has been selected.

The total length of the section that can be blocked is defined by the digital map. The menu items are available accordingly.

- **To start route calculation:** select Start and press to confirm.

▶ **To delete the blocked section:** select Delete while the message is shown and press ⊙ to confirm.
COMAND calculates the route without the block.

Selecting an alternative route

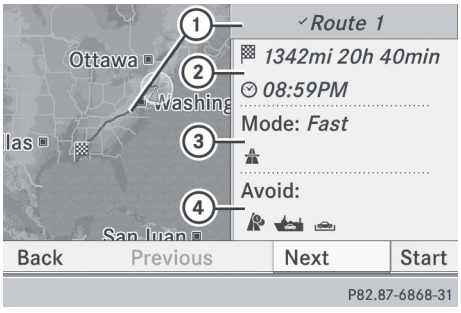
With the "Alternative route" function, routes other than the original one can be calculated.

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

▶ **To show the menu:** press ⊙ the COMAND controller.

▶ Select Route in the navigation system menu bar by turning ⊙ the COMAND controller and press ⊙ to confirm.

▶ Select Alternative Route and press ⊙ to confirm.
You see the selected route. The display now shows a split-screen view. On the left-hand side, one or more alternative routes are shown from start to destination. The current route is highlighted dark blue; other alternative routes appear light blue.
The Eco (economic) route is shown in green.



Alternative route (example)

① Route with current settings for route type and route options

② Distance, estimated remaining driving time and estimated time of arrival

③ Selected route type (▷ page 48)

④ Route option settings (▷ page 48)

▶ **To select the next or previous alternative route:** select Next or Previous and press ⊙ to confirm.
The alternative routes are shown in the following order:

- routes with current settings for route type and route options (Route 1)
- fast route (Route 2)
- short route (Route 3)
- eco (economic) route (Route 4)

▶ **To select the original route:** select Back a corresponding number of times and press ⊙ to confirm.

▶ **To start route guidance using the selected alternative route:** select Start and press ⊙ to confirm.
COMAND calculates the alternative route.

Displaying destination information

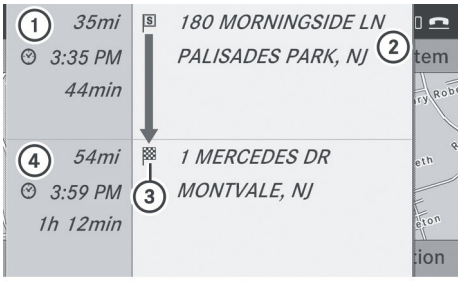
You have entered a destination (▷ page 49) or a point of interest (▷ page 59) and possibly an intermediate stop (▷ page 58).

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

▶ **To show the menu:** press ⊙ the COMAND controller.

▶ Select Route in the navigation system menu bar by turning ⊙ the COMAND controller and press ⊙ to confirm.

▶ Select Destination Information and press ⊙ to confirm.
Destination information is displayed.



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Destination information (example)

① Distance, estimated time of arrival and estimated remaining driving time to intermediate stop

② Intermediate stop

③ Destination

④ Distance to destination, estimated time of arrival and estimated remaining driving time

▶ **To close the destination information:** slide ←◎→ the COMAND controller or press the BACK back button.

Route overview

You can use the route overview to move along the route section by section and view information and details about each section of the route.

You have entered a destination (▷ page 49) or a point of interest (▷ page 59) and possibly an intermediate stop (▷ page 58).

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

▶ **To show the menu:** press ◎ the COMAND controller.

▶ Select Route in the navigation system menu bar by turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Route Browser and press ◎ to confirm.

At the top of the display, you will see information about the highlighted route section, for example the distance to be driven on the road and road designation. The highlighted route section is marked in white with a red border on the map.

▶ **To view the next or previous route section:** select Next or Previous and press ◎ to confirm.

ⓘ If the first or last route section is highlighted, you cannot select Previous or Next.

▶ **To zoom in or out of the map:** select ⊕ or ⊖ and press ◎ to confirm.

▶ **To close the route overview:** select Back and press ◎ to confirm.

Off-road and off-map

Important safety note

⚠ **WARNING**

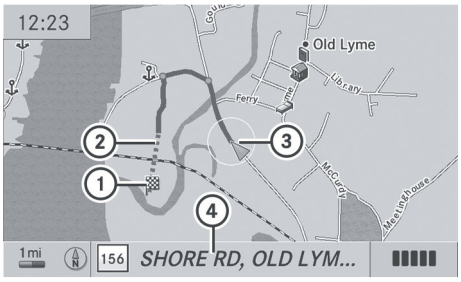
The COMAND navigation system may direct you to off-road routes that your vehicle may not be capable of traversing through without damaging your tires, wheels or vehicle. It is the driver's sole responsibility to determine the suitability of the route. Off-road routes may be of varying conditions and their appropriateness for use may be affected by various factors such as time of day, time of year and immediate weather conditions that cannot be judged or taken into consideration by the COMAND system.

Route guidance to a destination that is not on a digitized road

COMAND can guide you to destinations which are within the area covered by the digital map, but which are not themselves recorded 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.



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Route guidance to an off-road destination (example)

① Off-road destination

② Off-road route section (dashed blue)

③ Current vehicle position (the tip of the triangle indicates the vehicle's direction of travel)

④ Road name (if available)

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-hand side, an arrow appears which points to off-road destination ①. You will hear the announcement: "Please follow the arrow on the display". As the vehicle approaches the destination, the Area of destination reached message appears.

Route guidance from an off-road location to a destination

If the vehicle position is within the area covered by the digital map, but the map does not contain any information about that location, the vehicle is in an off-road location. COMAND is also able to guide you to a destination even from an off-road location.

At the start of the route guidance, you will see the Off Mapped Road message, an arrow and the distance to the destination. The arrow shows the compass heading to the actual destination.

The route is highlighted blue, starting from the last recognized street the vehicle was on before it left the map.

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

Route guidance from an off-map location to a destination

If the vehicle position is outside the area covered by the digital map, then the vehicle is in an off-map location. COMAND is also able to guide you to a destination even from an off-map location.

At the start of the route guidance, you will see the Off Mapped Road message, an arrow and the distance to the destination. The arrow shows the compass heading to the road left last.

The route is highlighted blue from the nearest road known to the system.

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 roadworks, 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 and thus considers the vehicle to be in an off-road position.

In the display, you will see the Off Mapped Road message, an arrow and the distance to the destination. The arrow shows the compass heading to the last road you were driving on.

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

Traffic reports

Conditions

To receive real-time traffic reports via satellite radio, you require:

- optionally available satellite radio equipment
- a subscription to SIRIUS XM Satellite Radio Traffic Message Service

Further information on satellite radio is available in the "Satellite radio" section (▷ page 124).

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

Real-time traffic reports on the map

COMAND can show certain traffic incidents on the map. Traffic reports are shown on the map at scales of 0.05 mi to 20 mi.

▶ **To hide the menu:** slide ↑◎ the COMAND controller and, when the Full Screen menu item is shown, press ◎ to confirm. The map can be seen in the full-screen display.

▶ Turn ◎ the COMAND controller until the desired map scale is set.

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① Icon delimiting the section of the route affected
② Icon indicating an incident on the route (traffic flow)
③ Destination
④ Map scale

Icon for real-time traffic reports

Icon	Description	Traffic reports in the map display	List of traffic reports	Traffic reports
	Warning (red)	This appears at the beginning of the affected route section if route guidance is active and the route leads through an affected area.	Entry type: warning	Entry type: warning
	Traffic incident (yellow)	This appears at the beginning of the affected route section if route guidance is active and the route leads through an area affected by a traffic incident.	Entry type: caution	Entry type: caution
	Traffic jam on route (stop-and-go traffic)	This appears at the beginning of a traffic jam (average speed 25 – 45 mph) if route guidance is active and the route leads through an area of congested traffic. Yellow car icons may appear in conjunction with this icon.	Entry type: traffic jam on route (stop-and-go traffic)	Entry type: traffic jam on route (stop-and-go traffic)
	Traffic jam on the route	This appears at the beginning of a traffic jam (average speed 5 – 20 mph) if route guidance is active and the route leads through an area of congested traffic. Red car icons may appear in conjunction with this icon.	Entry type: traffic jam on route	Entry type: traffic jam on route
	Blocked route section on route	Appears at the beginning of a blocked route section if route guidance is active and the route leads through the blocked section. The XXXX icons may appear in conjunction with this icon.	Entry type: blocked route section	Entry type: blocked route section
Yellow line with arrows	Traffic incidents	Possible delays (e.g. roadwork) Appears on the side of the road affected (direction of travel)	(Not available)	(Not available)

Icon	Description	Traffic reports in the map display	List of traffic reports	Traffic reports
Green line with arrows	Unimpeded traffic flow	No delays Only appears on the side of the road (direction of travel) on which traffic flow is unimpeded	(Not available)	(Not available)
Red line with arrows	Warning message	Incident on road Appears on the side of the road affected (direction of travel)	(Not available)	(Not available)

Displaying real-time traffic reports

- ▶ **To switch on navigation mode:** press the NAVI function button.
- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Traffic by turning the COMAND controller and press to confirm.

If the dialog field shows the No Traffic Messages message, this means that:

- no traffic reports have been received yet.
- no traffic reports are available.

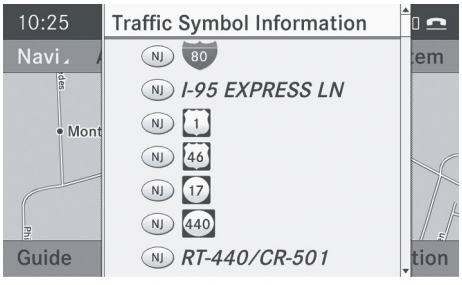
- ▶ **To cancel the search:** select Cancel and press to confirm.
- ▶ **To close the report window:** select OK and press to confirm.

If traffic reports exist, a list is shown.

The content of the list varies depending on whether route guidance is active or not.

List when route guidance is not active

The list shows all the roads, areas or regions for which reports are available.



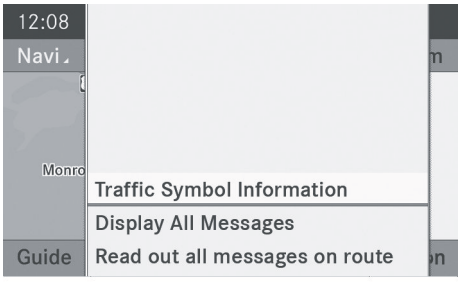
P82.87-4451-31

A traffic report may refer to an area or a region, e.g. if visibility is impaired due to fog.

- ▶ **To read a traffic report:** select a road, area or region by turning the COMAND controller and press to confirm.

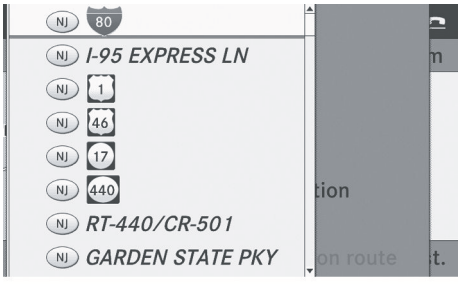
List when route guidance is active

The first list shows the roads, areas and regions that lie along the route and for which traffic reports are available.



P82.87-3459-31

▶ **To show all reports:** select Display All Messages by turning ◎ the COMAND controller and press ⊙ to confirm.
You see a list of all roads, areas and regions for which traffic reports are available, even if the reports do not affect your route.

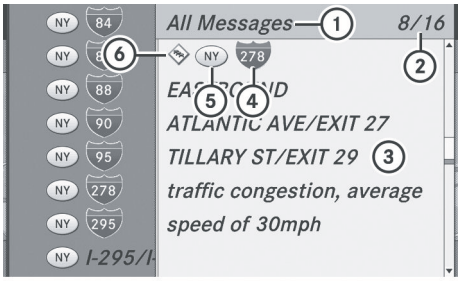


P82.87-4304-31

▶ **To show a traffic report:** select a road, area or region and press ⊙ to confirm.

▶ **To close the list:** slide ←◎→ the COMAND controller.

Example: traffic report



P82.87-3780-31

① Depending on your selection: Read out all messages on route or All Messages

② Report 8 of 16 for the road affected

③ Text of report

④ Road, area or region affected by traffic reports

⑤ Icon for state/province

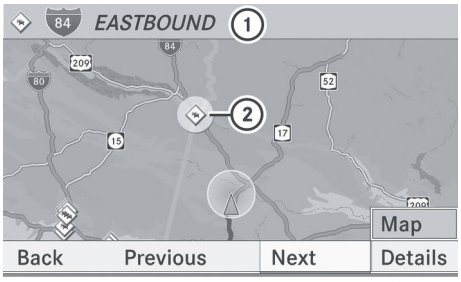
⑥ Icon for report type, e.g. traffic flow message

▶ **To scroll within a report or to access the next report:** turn ◎ the COMAND controller.

▶ **To return to the report:** slide ←◎→ the COMAND controller.

Displaying traffic reports on the map

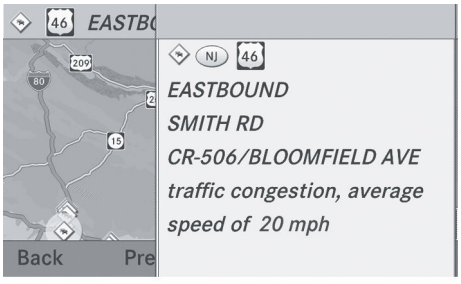
▶ Select Traffic Symbol Information by turning ◎ the COMAND controller and press ⊙ to confirm.



P82.87-3444-31

Example display
① Road concerned
② Icon for report type, e.g. traffic flow message

- Select Next or Previous by turning the COMAND controller and press to confirm in order to continue highlighting traffic icons.
- **To change the map scale:** select Map by sliding the COMAND controller and press to confirm.
  You can now zoom in or out of the map.
- **To show the detailed view:** select Details and press to confirm.



P82.87-3445-31

Example display: traffic icon information

- **To close the detailed view:** slide the COMAND controller.

Having traffic reports on the route read out

Introduction

The read-aloud function is only available while route guidance is active. It reads out traffic reports affecting the current route. You can set the language (▷ page 43) and the read-aloud speed (▷ page 40).

You can start the read-aloud function manually or set it to automatic.

Starting the read-aloud function manually

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Traffic by turning the COMAND controller and press to confirm.
- Select Read out all messages on route and press to confirm.

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 shown in gray and cannot be selected.

- **To switch off the read-aloud function:** select Cancel read-aloud function and press to confirm or press the button.
  COMAND reads the current report aloud and then exits the read-aloud function.

Automatic read-aloud function

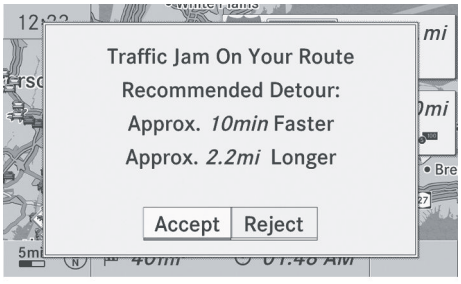
- **To switch on navigation mode:** press the NAVI function button.

- ▶ **To show the menu:** press ⟲ the COMAND controller.
- ▶ Select Navi by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ⟲ to confirm.
- ▶ Select Read Traffic Messages Automatically and press ⟲ to confirm. Depending on the previous state, switch the option on ☑ or off ☐.

Recalculating the route dynamically

If you have selected Dynamic Route, traffic reports affecting the route are taken into account for route calculation.

If you have selected Dynamic Route Only After Request and COMAND recalculates the route, a prompt will appear.



P82.87-3813-31

- ▶ **To accept the newly calculated route:** press ⟲ the COMAND controller.
- ▶ **To continue along the original route:** select Reject by turning ❴◎❵ the COMAND controller and press ⟲ to confirm.

Destination memory

Home address (My address)

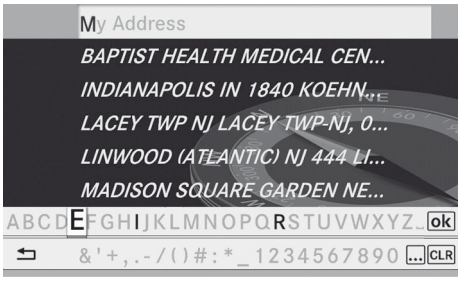
Entering the home address via address entry

- ▶ Enter the home address as a destination, e.g. as a city, street and house number (▷ page 49). Then, save the home address without starting route guidance (▷ page 53).

Adopting an address book entry as a home address

- ▶ **To switch on navigation mode:** press the NAVI function button.
- ▶ **To show the menu:** press ⟲ the COMAND controller.
- ▶ Select Dest. in the navigation system menu bar by turning ❴◎❵ the COMAND controller and press ⟲ to confirm.
- ▶ Select From Memory and press ⟲ to confirm.
  You will see the destination memory list either with the character bar (option 1) or as a selection list (option 2).

Option 1: destination memory list with character bar



P82.87-2128-31

- ▶ Slide ↑◎ the COMAND controller repeatedly until the destination memory list appears as a selection list.

Option 2: destination memory list as selection list

The My Address entry is listed as the first entry in the destination memory.

- Select My Address by turning the COMAND controller and press to confirm.

If you have not yet entered any characters, the My Address entry is automatically highlighted in the selection list.

If no home address has been stored yet, you can now assign an address book entry. If a home address already exists, it is displayed and you can alter it.

If you select New Entry, you are also offered the option of entering the home address for the first time. You can then save the home address without starting route guidance.

- **To enter the home address for the first time:** select Assign to Address Book Entry and press to confirm.
- Select Home or Work and press to confirm.
- **To change the home address:** select Change and press to confirm.
- Select Assign to Address Book Entry and press to confirm.

If you select New Entry, you are also offered the option of changing the home address by entering an address. You can then save the home address without starting route guidance.

- Select Home or Work and press to confirm.
  In both cases, you will see the address book either with the character bar or as a selection list.
- **To select an address book entry:** proceed as described in the "Searching for an address book entry" section (▷ page 113).
- **To confirm the selection:** press the COMAND controller.
  If no home address has been stored, COMAND saves the entry. You will see a message and then the address menu with the selected address. Start is highlighted automatically.
  If a home address has already been stored, you will see a prompt asking you whether the My Address entry should be overwritten.
- Select Yes or No and press to confirm.
  If you select Yes, COMAND overwrites the destination. You will see a message and then the address menu with the selected address. Start is highlighted automatically.
  If you select No, the list will appear again.

Selecting the home address for route guidance

- Proceed as described in the "Selecting a destination from the destination memory" section (▷ page 55).

Storing a destination in the destination memory

Notes

This function also stores the destination in the address book.

When the address book is full, no destinations can be saved in the destination memory. You must first delete address book entries (▷ page 113).

After destination entry

- The destination has been entered and is shown in the address entry menu (▷ page 52).
- Select Save by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.
  You can now select storage options (▷ page 81).

During route guidance

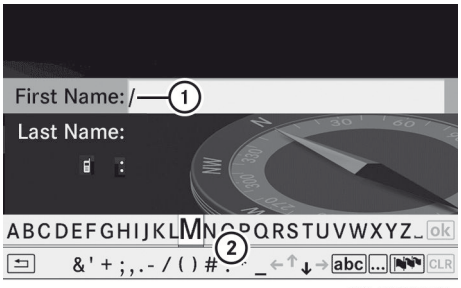
- **To show the menu:** press ◎ the COMAND controller.
- Select Dest. in the navigation system menu bar by turning ◎ the COMAND controller and pressing ◎ to confirm.
- Select Save Destination and press ◎ to confirm.
  You can now select storage options (▷ page 81).

From the list of previous destinations

- **To show the menu:** press ◎ the COMAND controller.
- Select Dest. in the navigation system menu bar by turning ◎ the COMAND controller and pressing ◎ to confirm.
- Select From Last Destinations and press ◎ to confirm.
  The list of last destinations appears.
- Select a destination by turning ◎ the COMAND controller and press ◎ to confirm.
  The destination address is shown.
- Select Save and press ◎ to confirm.
  You can now select storage options.

Selecting storing options

- **To save the destination without a name:** select Save Without Name and press ◎ to confirm.
  COMAND stores the destination in the destination memory and uses the address as the destination name.
- **To save the destination as My address:** select Save as "My Address" and press ◎ to confirm.
  COMAND stores the destination in the destination memory as My Address. If the selected address book entry already contains address data that can be used for navigation (◈ icon), a prompt will appear asking whether you wish to overwrite the existing data.
- Select Yes or No and press ◎ to confirm.
  If you select Yes, the entry is overwritten.
  If you select No, the process will be aborted.
- **To save the destination with a name:** select Save With Name and press ◎ to confirm.
- Select a category, e.g. Home, and press ◎ to confirm.
  The input menu appears with data fields and the character bar.



P82.87-2130-31

Example display: saving a destination with a name

① Selected data field with cursor

② Character bar

- Proceed as described under "Entering characters using the character bar" in the

"Entering characters in navigation mode (entering a city)" section (▷ page 26).

- ▶ Then, select ok and press ⟲ to confirm. COMAND stores the destination under the name entered.

Assigning a destination to an address book entry

An address with complete address data that is suitable for navigation can be assigned to a pre-existing address book entry. You can then later start route guidance to this address straight from the address book (▷ page 115).

- ▶ Select Assign to Address Book Entry and press ⟲ to confirm.
- ▶ Select a category, e.g. Home, and press ⟲ to confirm.
  You will see the address book either with the character bar or as a selection list.
- ▶ **To select an address book entry:** proceed as described in the "Searching for an address book entry" section (▷ page 113).
  COMAND stores the data if the address book entry selected does not yet contain navigable address data.
  If the selected address book entry already contains navigable address data, a prompt will appear asking whether you wish to overwrite the existing data.
- ▶ Select Yes or No and press ⟲ to confirm.
  If you select Yes, COMAND stores the data.

Deleting a destination or the home address from the destination memory

- ▶ **To switch on navigation mode:** press the NAVI function button.
- ▶ **To show the menu:** press ⟲ the COMAND controller.
- ▶ Select Dest. in the navigation system menu bar by turning ⟲ the COMAND controller and pressing ⟲ to confirm.
- ▶ Select From Memory and press ⟲ to confirm.
  You will see the destination memory list either with the character bar (option 1) or as a selection list (option 2).
- ▶ **Option 1: destination memory list with character bar:** proceed as described in the "Entering characters using the character bar" section (▷ page 26).
- ▶ **Option 2: destination memory list as selection list:** select a destination by turning ⟲ the COMAND controller and press ⟲ to confirm.
  You see the address data of the selected entry.
- ▶ Select Delete and press ⟲ to confirm.
  A prompt appears asking whether you wish to delete the destination.
- ▶ Select Yes or No and press ⟲ to confirm.
  If you select Yes, COMAND deletes the destination. You will see a message to this effect.
  If you select No, the process will be aborted.

ⓘ If the navigable address data for the destination being deleted is also assigned to an address book entry, COMAND will also delete this data from there. If the corresponding address book entry does not contain any further data, such as telephone numbers, COMAND deletes the entire address book entry.

Previous destinations

Introduction

COMAND automatically stores the previous destinations for which the route calculation was started. If the memory is full, COMAND deletes the oldest destination. You can also store one destination from the list of previous

destinations in the destination memory. It will be stored there permanently.

Storing a destination permanently in the destination memory

- Proceed as described in the "From the list of previous destinations" section (▷ page 81).

Storing the vehicle position in the list of previous destinations

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Position in the navigation system menu bar by turning the COMAND controller and press to confirm.
- Select Save Vehicle Position and press to confirm.
  COMAND stores the current vehicle position as a destination in the list of previous destinations.

Storing the crosshair position in the list of previous destinations

Route guidance not active

A crosshair appears on the map if you have moved the map manually. You can store the crosshair position as a destination in the list of previous destinations.

- **To show the menu:** press the COMAND controller.
- Select Position in the navigation system menu bar by turning the COMAND controller and press to confirm.
- Select Save Crosshair Position and press to confirm.

Route guidance is active

- **To show the menu:** press the COMAND controller.
- Select Position in the navigation system menu bar by turning the COMAND controller and press to confirm.
- Select Destination Position Map and press to confirm.
  You will see the map with the crosshair at the destination.
- **To show the menu:** press the COMAND controller.
- Select Position in the navigation system menu bar by turning the COMAND controller and press to confirm.
- Select Save Crosshair Position and press to confirm.
  COMAND stores the crosshair position as a destination in the list of previous destinations.

Deleting one of the previous destinations

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Destination in the navigation system menu bar by turning the COMAND controller and press to confirm.
- Select From Last Destinations and press to confirm.
  The list of previous destinations appears.
- Select the desired destination and press to confirm.
  The destination address appears.
- Select Delete and press to confirm.
  A prompt appears, asking whether the entry should be deleted.

▶ Select Yes or No and press ⟲ to confirm.
If you select Yes, the entry is deleted.
If you select No, the process will be aborted.

Map operation and settings

Note

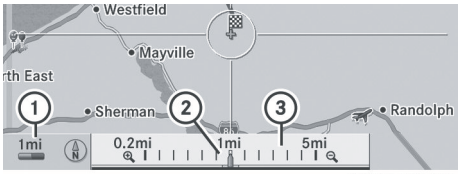
Company logos displayed on the map are trademarks of the respective companies and used solely for the purpose of indicating the location of these companies. The use of such logos on the map does not indicate approval of, support of or advertising by these companies for the navigation system itself.

Setting the map scale

▶ **To hide the menu:** slide ↑◎ the COMAND controller and, when the Full Screen menu item is shown, press ⟲.

▶ **To call up the scale bar:** as soon as you turn ❴◎❵ the COMAND controller, scale bar ③ appears.

▶ Turn ❴◎❵ until the desired scale is set.



P82.86-9976-31

① Set map scale as a number with unit
② Currently set map scale as indicated by the needle on the scale bar
③ Map scale

Unit of measurement ① in the COMAND display depends on the selection made for the instrument cluster (see the vehicle Operator's Manual).

Moving the map

Showing the crosshair

▶ **To hide the menu:** slide ↑◎ the COMAND controller and, when the Full Screen menu item is shown, press ⟲.

▶ **To scroll the map:** slide ←◎→, ↑◎↓ or ⤡◎⤢ the COMAND controller.
A crosshair appears on the map. If you slide it again, the map moves in the corresponding direction under the crosshair.

P82.87-3763-31

Map with crosshair
① Current vehicle position
② Crosshair
③ Details of the crosshair position
④ Map scale selected

Display ③ may be the name of a street, for example, provided the digital map contains the necessary data. It may also show the geo-coordinate position of the crosshair if the Geo-coordinates display is switched on (▷ page 87).

Hiding the crosshair and centering the map on the vehicle position or destination

▶ Press the BACK back button twice.
The crosshair disappears and the map is set to the vehicle position.

or

▶ Set the map to the vehicle position; see the explanation below.

Setting the map to the vehicle position, destination or intermediate stop

Centering the map on the vehicle position

- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Position in the navigation system menu bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select Vehicle Position Map and press to confirm or, if the crosshair is shown, press the BACK back button.
  This hides the crosshair.

Centering on the destination

This function requires that a route to a destination has been calculated.

- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Position in the navigation system menu bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select Destination Position Map and press to confirm.
  The crosshair is centered on the destination.

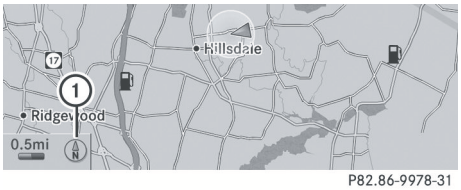
Centering on an intermediate stop position

This function requires that a route to a destination has been calculated.

- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Position in the navigation system menu bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select Center Map On Stopover and press to confirm.
  The crosshair is centered on the intermediate stop position.

Map display

Setting the map orientation



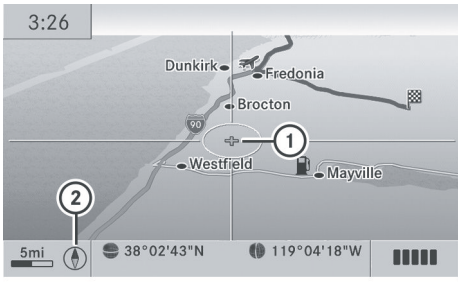
P82.86-9978-31

Map orientation

① Current map orientation

The following display modes are possible:

- N North orientation (the map view is displayed so that north is always up).
- Orientation in direction of travel (the map is displayed so that the direction of travel is always up; the orange point of the icon points north).
- Bird's-eye view (the map is displayed so that the direction of travel is always up; the map projection reproduces the curvature of the earth and the orange point of the icon points north).
- 3D map (the map is displayed so that the heading is always up; at a scale of 1 mi or less, the map displays elevation and terrain modeling; the orange point of the icon points north)



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Example display: Bird's-eye view

① Current crosshair position

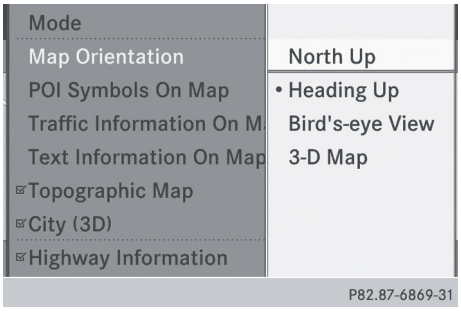
② Current map orientation

▶ **To show the menu:** press ⍟ the COMAND controller.

▶ Select Navi in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ⍟ to confirm.

▶ Select Map Orientation and press ⍟ to confirm.

A • dot indicates the current setting.



P82.87-6869-31

Map orientation menu

▶ Select North Up, Heading Up, Bird's-eye View or 3-D Map by turning ❴◎❵ the COMAND controller and press ⍟ to confirm.

A • dot indicates the new setting.

Setting the point of interest icons in the map

You can set the points of interest you wish to have displayed as symbols on the map. Points of interest are, for example, gas stations, hotels, cinemas and restaurants.

The following settings are possible:

- Standard Symbols
  Symbol display determined by the factory settings.
- Personal Symbols
  You can determine the symbols yourself.
- No Symbols
  The map does not show any symbols.

▶ **To show the menu:** press ⍟ the COMAND controller.

▶ Select Navi in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ⍟ to confirm.

▶ Select POI Symbols On Map and press ⍟ to confirm.

▶ Select Standard Symbols, Personal Symbols or No Symbols.
If you select Personal Symbols, the list of points of interest appears.

▶ **To switch the icon display on/off:** select a point of interest by turning ❴◎❵ the COMAND controller and press ⍟ to confirm.
Depending on the previous state of the symbols, they will either be shown ☑ or hidden ☐. You can switch on the symbol displays for more than one point of interest.

ⓘ 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.

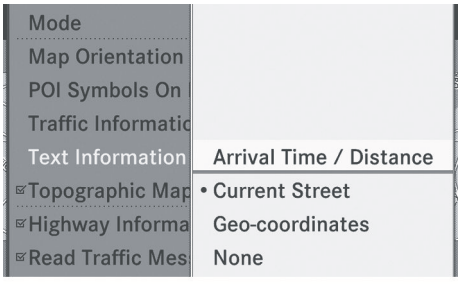
▶ **To exit the menu:** press the BACK back button.

Map information in the display

Showing text information

During route guidance, you can have map information displayed at the bottom edge of the display.

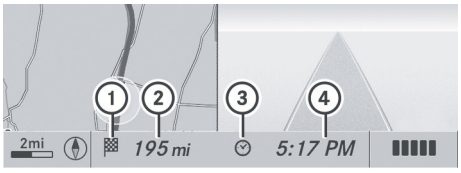
- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select Text Information On Map and press to confirm.
  A ● dot indicates the current setting.



P82.87-3770-31

- ▶ Select Arrival Time / Distance, Current Street, Geo-coordinates or None and press to confirm.
- ▶ **To exit the menu:** slide the COMAND controller.

Arrival time/distance to the destination



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Arrival time/distance display switched on

① Icon for destination

② Distance to the destination

③ Icon for estimated time of arrival

④ Estimated time of arrival

You can only see this display during route guidance. While scrolling the map (▷ page 57), you will see additional data, e.g. road names, depending on the crosshair position, if the digital map supports this data.

ⓘ During route calculation, or if the vehicle is traveling on a non-digitized road, the linear distance to the destination is shown. In this case, the display will be grayed out.

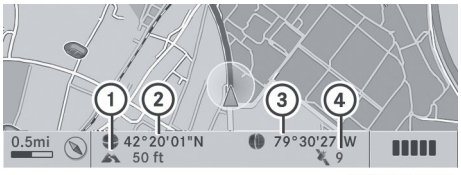
Road display

P82.87-3773-31

Road display active

① Road names or numbers, e.g. for highways

Geo-coordinate display



P82.87-3774-31

Geo-coordinate display active

① Current height above average sea level, rounded

② Current vehicle position: latitude coordinates

③ Current vehicle position: longitude coordinates

④ Number of GPS satellites currently being used

There must be sufficient GPS reception for all displays to be shown. If this is not the case, the display will be grayed out. Height

display ① may vary from the actual value, because the navigation system uses the GPS signals for the calculation.

While scrolling the map (▷ page 57), you will see the geo-coordinates of the crosshair position. Height display ① and number of satellites used ④ are not displayed.

"None" menu option

P82.87-3775-31

Display switched off

① Current map orientation

ⓘ During the "Move map" function you can see additional information depending on the position of the crosshair, such as a road name, if the digital map supports this data.

Switching the topographical map on/off

The topographical map uses different colors to depict elevation. The color key generally reflects the topography's dominant vegetation or the ground's perceived color when seen from the air, for example:

- green (grass) for lowland
- yellow, brown (woodland) for hills
- gray (stone) and white (snow) for mountains.

▶ **To show the menu:** press the COMAND controller.

▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.

▶ Select Topographic Map and press to confirm.
Depending on the previous state, switch the option on ☑ or off ☐.

Switching the city model on/off

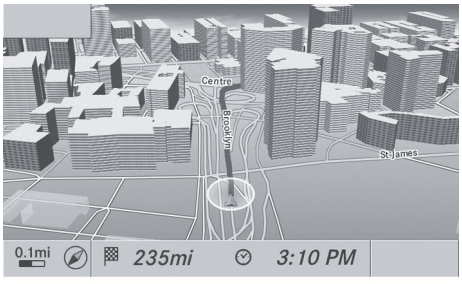
When the city model is switched on, the map shows buildings as 3D models.

ⓘ The city model is only shown for "Bird's-eye view" or "3D map".
It is available in map scales 1/32 mi (50 m) and 1/16 mi (100 m).
The data required for displaying buildings is not available for all cities.

▶ **To show the menu:** press the COMAND controller.

▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.

▶ Select City (3D) and press to confirm.
Depending on the previous state, switch the option on ☑ or off ☐.



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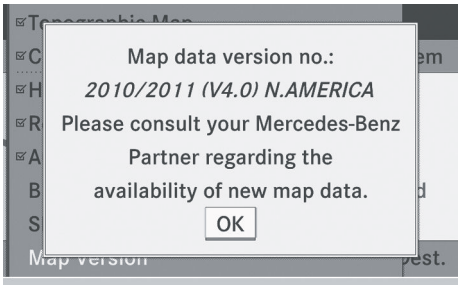
Example display: city model

Showing the map data version

▶ **To show the menu:** press the COMAND controller.

▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.

▶ Select Map Version and press ⊛ to confirm.
The map data version number is shown. Information about new versions of the digital map can be obtained from an authorized Mercedes-Benz Center.



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Traffic information on the map

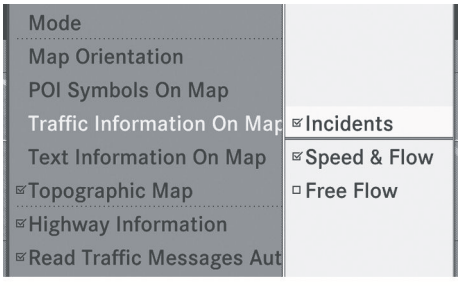
If you subscribe to the SIRIUS XM Satellite Radio Traffic Message Service, traffic information can be displayed on the map. You can select three categories for the display.

▶ **To switch the displays on/off:** press ⊛ the COMAND controller to show the menu.

▶ Select Navi in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ⊛ to confirm.

▶ Select Traffic Information On Map and press ⊛ to confirm.

▶ Select a category and press ⊛ to confirm. Depending on the previous state, switch the option on ☑ or off ☐.



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- **Traffic incidents**
  Road sections are illustrated with a yellow line and arrows ③.
- **Speed & Flow**
  Road sections are illustrated with yellow or red car icons ①.
  Yellow car icons: traffic jam, average speed 25 – 45 mph
  Red car icons: traffic jam, average speed 5 – 20 mph
- **Free Flow**
  Road sections are illustrated with a green line and arrows ②.

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① Speed & Flow
② Free Flow
③ Traffic incidents

Additional settings

Avoiding an area

General information

COMAND makes it possible to avoid areas you do not wish to drive through.

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

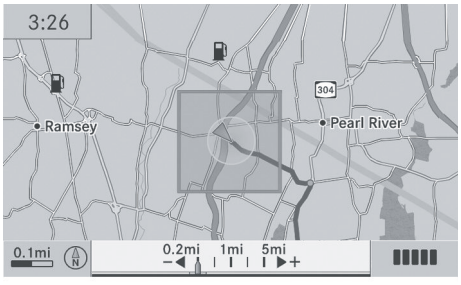
- your destination is located in such an area.
- the route uses roads that lead through an area to be avoided.

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

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.
- Select Block Area and press to confirm.
  If you have not yet set any area to be avoided, you will see the map with the crosshair (option 1).
  If you have previously set one or more areas to be avoided, you will see a list (option 2).

Option 1: the map

- **To scroll the map:** slide the COMAND controller , or .
- **To set the map scale:** as soon as you turn the COMAND controller, the scale bar appears. Turning clockwise zooms out from the map, turning counter-clockwise zooms in.
- Turn until the desired scale is set.
- **To apply a block:** press the COMAND controller.
  A red square appears on the map.



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- **To adjust the size of the square:** turn the COMAND controller.
  The square is enlarged or reduced.
- **To confirm the settings:** press .
  The list appears. The previously selected area to be avoided has been added and activated.
- Follow the instructions listed under "Option 2: the list".

Option 2: the list appears

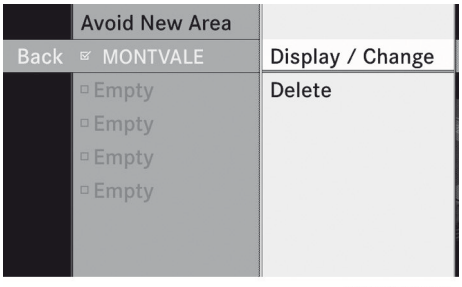
- Select Avoid New Area by turning the COMAND controller and press to confirm.
  The map with the crosshair appears.
- Proceed as described under "Option 1: the map" if you wish to set a new area to be avoided.

Switching an avoided area on/off

- Select an entry in the list by turning the COMAND controller and press to confirm.
  The avoided area is switched on ☑ or off ☐, depending on the previous status.

Displaying and changing an avoided area

- Select an entry in the list by turning the COMAND controller.
- Select Options by sliding the COMAND controller and press to confirm.



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- Select Display / Change and press to confirm.
  The area to be avoided is indicated in the map.
- **To change the location of the area:** slide the COMAND controller ←◎→, ↑◎↓ or ⤡◎⤢.
  The area is moved on the map.
- **To adjust the size of the area:** turn ❴◎❵ the COMAND controller.
  The area is enlarged or reduced.
- **To confirm the change:** press the COMAND controller.
  The list appears and the change is entered.

Deleting a set area

- Select an entry in the list by turning ❴◎❵ the COMAND controller.
- Select Options by sliding ◎→ the COMAND controller and press to confirm.
- Select Delete and press to confirm.
  A query appears asking whether the entry should be deleted.
- Select Yes or No.
  If you select Yes, the entry is deleted.
  If you select No, the process will be aborted.

Off-road route memory function

Switching the function on/off

While this function is switched on, an off-road route is recorded and stored.

Off-road: the section of route is still within the area covered by the digital map but does not contain any suitable data, e.g. because a road has not been digitized.

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Navi in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press to confirm.
- Select Save Off-road Route and press to confirm.
- Select Save Off-road Route again and press to confirm.
  Depending on the previous state, switch the option on ☑ or off ☐.
- **To exit the menu:** slide ←◎→ the COMAND controller.

Displaying memory usage

When the memory is 90% full, you see a message to this effect. You will also see a message when the memory is completely full.

- **To confirm the message:** press the COMAND controller.

In order to be able to continue using the "Record route" function, you should delete the route memory afterwards.

- **To switch on navigation mode:** press the NAVI function button.
- **To show the menu:** press the COMAND controller.
- Select Navi in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press to confirm.
- Select Save Off-road Route and press to confirm.
- Select Off-road Route Memory Used and press to confirm.
  The memory used is shown as a percentage. The display closes automatically after a few seconds.

Deleting the route memory

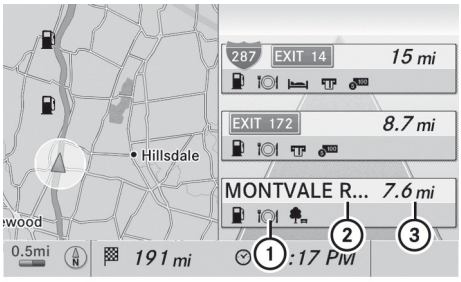
- **To switch on navigation mode:** press the NAVI function button.

- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select Save Off-road Route and press to confirm.
- ▶ Select Delete Off-road Route Memory and press to confirm.
  A query appears asking whether the memory should be deleted.
- ▶ Select Yes or No.
  If you select Yes, the routes recorded so far are deleted.
  If you select No, the process will be aborted.

Highway information

When driving on highways, you can have the nearest gas stations, rest areas, etc., as well as your current distance from them, shown on the right-hand side of the display.

- ▶ **To switch on navigation mode:** press the NAVI function button.
- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select Highway Information and press to confirm.
  Depending on the previous state, switch the option on ☑ or off ☐.



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Example display with function active

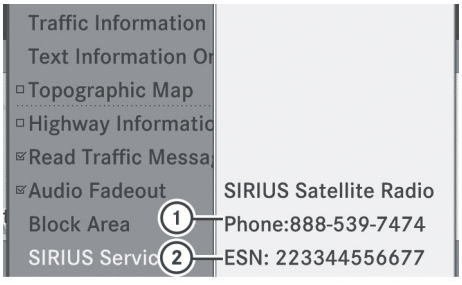
① Icons for freeway service facilities
② Name of service area or number of highway exit
③ Distance from current vehicle position

SIRIUS XM service

Displaying SIRIUS XM service information

You can display the SIRIUS XM service information.

- ▶ **To show the menu:** press the COMAND controller.
- ▶ Select Navi in the main function bar by sliding and turning the COMAND controller and press to confirm.
- ▶ Select SIRIUS Service and press to confirm.



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① Provider's phone number (SIRIUS XM)
② Serial number of your service module for receiving traffic reports

Registering for the SIRIUS XM traffic report service

▶ Call the traffic report provider's phone number shown on the screen.

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

Once the connection has been established:

▶ Follow the instructions of the operator. The activation process may take up to ten minutes.

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

Compass function

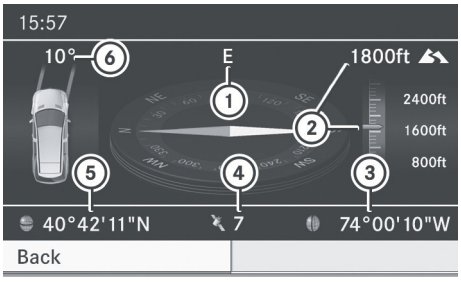
In the compass view, you can see the current direction of travel, the current height above sea level and the coordinates of the vehicle position, for example.

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

▶ **To show the menu:** press the COMAND controller.

▶ Select Position in the navigation system menu bar by sliding and turning the COMAND controller and press to confirm.

▶ Select Compass and press to confirm.



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Example display: compass

① Current direction of travel

② Current height above average sea level, rounded

③ Current vehicle position: longitude coordinates

④ Number of GPS satellites currently being used

⑤ Current vehicle position: latitude coordinates

⑥ Currently set steering angle of the front wheels

ⓘ To display current height ②, the system must be able to receive at least four satellites. Steering angle ⑥ can be a maximum of 35° in both directions.

▶ **To exit the display:** confirm Back by pressing or press the BACK button.

Updating the digital map

Introduction

The digital map becomes 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 at the center with a DVD, or you can update the map yourself.

The update process can take a long time (over an hour), depending on the size of the digital map. During this time, you will only be able to switch on radio mode and to accept incoming calls. The update will be completed more quickly if the vehicle is stationary.

If you carry out the update with the engine switched off and the starter battery has insufficient power, COMAND may automatically switch off during the process in order to protect the battery. If this occurs, restart the update with the engine running.

⚠ WARNING

Never leave the engine running in an enclosed space. The exhaust gases contain carbon monoxide. Inhaling exhaust gases constitutes a health hazard and could lead to loss of consciousness or even death.

Updating process

- Insert the DVD into the DVD changer (▷ page 130).
  The update begins. COMAND checks whether the digital map on the DVD is compatible with the navigation system and system software.
  If this is the case and the DVD's map data has not already been installed, COMAND starts updating the digital map.
  If the map data has already been installed, the display shows version data and a message to this effect.
- **To confirm the message:** press the COMAND controller.
- Take the DVD out of the slot.

While the update is running, you will see a message to this effect and a progress bar. The navigation system is not operational until the update is complete.

You cannot eject the DVD during the update. If you switch off COMAND during the update, the update is interrupted. It then continues from where it was interrupted when the system is restarted.

COMAND may prompt you to change the DVD during the update.

- Press the load/eject button.
- Take the DVD out of the slot.
- Insert the requested DVD.
  Once the update has been successfully completed, you will see a message to this effect.
- **To confirm the message:** press the COMAND controller.
- Take the DVD out of the slot.
  The update is complete.
  If the update is not successfully completed, you will see a message that the map update is not possible.
- **To confirm the message:** press the COMAND controller.
- Take the DVD out of the slot.

Problems with the navigation system

Problem	Possible causes/consequences and ▶ Solutions
COMAND is unable to continue route guidance after the journey has been interrupted.	Route guidance is canceled if you interrupt the journey for more than two hours. "Interrupting the journey" refers to stopping the vehicle and switching off COMAND. "Continuing route guidance" refers to switching COMAND back on and driving on. ▶ Continue route guidance (▷ page 69). COMAND determines the vehicle's position. Depending on the driving situation, this may take some time. Route guidance may be restricted during the determination of the vehicle's position. When positioning is complete, route guidance is resumed with navigation announcements and route guidance displays.

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

Problem	Possible causes/consequences and ▶ Solutions
The Navigation Unavailable message appears.	COMAND has an integrated hard drive on which the digital map is stored. To protect the hard drive from damage, COMAND switches it off at very high temperatures. The navigation system will then be temporarily unavailable. ▶ Let the vehicle and COMAND cool down. ▶ **To hide the message:** switch COMAND off and then on again.
	If an area of the hard disk has a malfunction, COMAND can no longer access the map data in this area, for example when calculating a route. ▶ **To hide the message:** switch COMAND off and then on again. The navigation system will be operational again until it has to access the faulty area of the hard drive once more. The message will then reappear. ▶ Consult an authorized Mercedes-Benz Center.

Problem	Possible causes/consequences and ▶ Solutions
You see a message informing you that the DVD containing the digital map is incompatible with the system software.	The DVD containing the digital map cannot be used for the update. ▶ **To confirm the message:** press the COMAND controller. ▶ Eject the DVD. ▶ Have the system software updated at an authorized Mercedes-Benz Center.

Problem	Possible causes/consequences and ▶ Solutions
The map software update has failed.	The DVD is dirty or scratched. ▶ Clean the DVD. ▶ Restart the update.
	There is overheating due to excessive temperatures in the vehicle interior. ▶ Wait until the vehicle interior has cooled down. ▶ Restart the update.
	COMAND's integral hard drive is faulty. ▶ Consult an authorized Mercedes-Benz Center.

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described.

General information

Introduction

Telephony via Bluetooth® interface, in conjunction with a Bluetooth®-capable mobile phone, enables you to phone via the Bluetooth® interface.

With a suitable mobile phone, you can use the hands-free system via the Bluetooth® interface, import contacts from the mobile phone via PBAP (Phone Book Access Profile) and receive vCards.

You can obtain more detailed information about suitable mobile phones and about connecting Bluetooth®-capable mobile phones to COMAND on the Internet[2] at **http://www.mbusa-mobile.com**. Or call the Mercedes-Benz Customer Assistance Center on 1-800-FOR-MERCedes(1-800-367-6372) for the USA or on 1-800-387-0100 for Canada.

Safety notes

⚠ **WARNING**

A driver's attention to the road must always be his/her primary focus when driving. For your safety and the safety of others, we recommend that you pull over to a safe location and stop before placing or taking a telephone call. If you choose to use the mobile phone while driving, please use the handsfree device and only use the mobile phone when weather, road, and traffic conditions permit.

Some jurisdictions prohibit the driver from using a cellular mobile phone while driving a vehicle.

Bear in mind that at a speed of just 30 mph (approximately 50 km/h), your vehicle is covering a distance of 44 feet (approximately 14 m) every second.

⚠ **WARNING**

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

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

Therefore, only use mobile communication equipment if it is connected to the exterior aerial of the vehicle.

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 which is not compatible with the network available.
- you are using a mobile phone with "Twincard" and the mobile phone with the second SIM card is already logged into the network.

Operating options

You can operate the telephone by:

- using the COMAND controller: turn ⟲◎⟳.

2 Only valid for USA.

slide ←◎→ or ↑◎↓.

press ⟲.

- pressing the ☎ or ☎ button and using the telephone keypad on COMAND
- pressing the ☎ or ☎ button on the multifunction steering wheel
- using Voice Control (see the separate Voice Control System instructions)

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

Function restrictions

The telephone is not ready for use in the following situations:

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

911 emergency call

⚠ **WARNING**

The 911 emergency call system is a public service. Using it without due cause is a criminal offense.

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

- the mobile phone must be switched on.
- a network must be available.
- a valid and operational SIM card must be inserted in the mobile phone.
- the mobile phone is connected to COMAND via Bluetooth®.

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

▶ Enter numbers on COMAND (▷ page 104).
▶ Press the ☎ button.
The telephone makes the connection.
▶ Wait for the emergency call center to respond and then describe the emergency.

Telephony via the Bluetooth® interface

Conditions

On the mobile phone

For telephony via COMAND's Bluetooth® interface, a Bluetooth®-capable mobile phone is required.

ⓘ Not all mobile phones available on the market are equally suitable. More detailed information on suitable mobile phones and on connecting Bluetooth®-capable mobile phones with COMAND can be found on the Internet at **http://www.mbusa-mobile.com**. Or call the Mercedes-Benz Customer Assistance Center at 1-800-FOR-MERCedes(1-800-367-6372) (for the USA) or Customer Relations at 1-800-387-0100 (for Canada).

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

In preparation for telephoning via the Bluetooth® interface, you should check the following items on your mobile phone (see the mobile phone operating instructions):

▶ Hands-Free Profile
The mobile phone must support Hands-Free Profile 1.0 or above.

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

▶ Bluetooth® visibility
On certain mobile phones, the device itself must be made "visible" for other devices, as well as activating the Bluetooth®

function (see the mobile phone operating instructions).

- ▶ Bluetooth® device name
  Every Bluetooth® device has its own Bluetooth® device name. This device name is freely definable, but can be identical for all devices from the same manufacturer. It is therefore recommended that you change this name so that you can easily recognize your mobile phone (see the mobile phone operating instructions).
- ▶ Switch on the mobile phone and enter the PIN when prompted to do so (see the mobile phone operating instructions).
- ▶ Activate Bluetooth® functions and, where necessary, Bluetooth® visibility on the mobile phone (see the mobile phone operating instructions).

On COMAND

- ▶ Activate the Bluetooth® function in COMAND (▷ page 43).

Connecting a mobile phone

General information

Before using your mobile phone with COMAND for the first time, you will need to connect it.

When you authorize a new mobile phone, it is connected automatically.

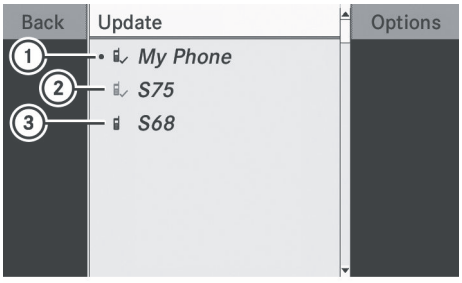
Connecting comprises:

- searching for a Bluetooth®-capable mobile phone
- subsequently authorizing it

You can connect up to ten mobile phones.

Searching for a mobile phone

- ▶ Press the TEL function button on COMAND.
- ▶ Select Phone in the telephone basic menu by sliding ◎↓ and turning ❴◎❵ the COMAND controller and press ◎ to confirm.
- ▶ Select Bluetooth Phones and press ◎ to confirm.
- ▶ Select Update and press ◎ to confirm.
  COMAND searches for Bluetooth® telephones within range and adds them to the Bluetooth® telephone list.
  The duration of the search depends on the number of Bluetooth® telephones within range and their characteristics.



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Example of display: Bluetooth® telephones list

① Currently connected • and authorized mobile phone ✓

② Mobile phone not within range but previously authorized (appears in gray)

③ Newly detected mobile phone within range but not yet authorized (no icon yet ✓)

The Bluetooth® telephones list shows all mobile phones within range and all previously authorized mobile phones, whether or not they are in range.

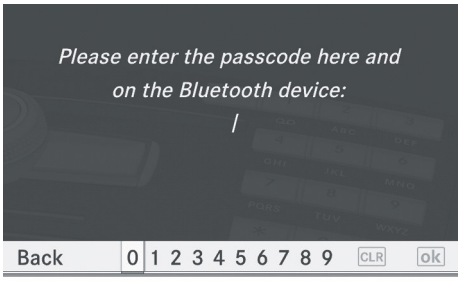
ⓘ If the Bluetooth® telephones list is full, you will be requested to de-authorize a mobile phone (▷ page 102). If COMAND does not find your mobile phone, external authorization (▷ page 101) may be necessary.

ⓘ When called up again, the telephone list may no longer show all mobile phones because, for example, a mobile phone has been removed from the vehicle in the

meantime. In this case, start a new search to update the Bluetooth® telephone list.

Authorizing (registering) a mobile phone

- In the Bluetooth® telephones list, select the not yet authorized mobile phone by turning the COMAND controller.
- Select Options by sliding → the COMAND controller and press to confirm.
- Select Authorize and press to confirm. The passcode entry menu appears.



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The passcode is any one to sixteen-digit number combination which you can choose yourself. You must enter the same number combination in COMAND and in the Bluetooth®-capable mobile phone (see the operating instructions of the mobile phone).

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

If you want to reauthorize a mobile phone following de-authorization, you can select a different passcode.

- **To enter a passcode in COMAND:** press the number keys in turn.
  ok is highlighted after the first number has been entered.

or

- Select the digits in the digit bar one by one by turning the COMAND controller and press to confirm. Then, select ok .
- **To confirm an entry in COMAND:** press the COMAND controller.
- Now enter the same passcode in the mobile phone.

To make entries on the mobile phone: if the Bluetooth® connection is successful, you will be requested to enter the passcode (access code, passkey) (see the mobile phone operating instructions).

- Enter the same passcode in the mobile phone as already entered in COMAND.

ⓘ After entering the passcode, you may also need to enter a confirmation in your mobile phone to connect calls. Please check your mobile phone display.

If the COMAND display shows the message: Authorization Procedure Unsuccessful, you may have exceeded the prescribed time period. Repeat the procedure.

The mobile phone is connected to COMAND (authorized). You can now make calls using the COMAND hands-free system.

External authorization

If COMAND does not detect your mobile phone, this may be due to particular security settings on your mobile phone. In this case, you can test if your mobile phone can find COMAND. The Bluetooth® device name of COMAND is MB Bluetooth.

Observe the following: some mobile phones require that you reconnect to COMAND after you have entered the passcode (see the mobile phone operating instructions). The mobile phone cannot otherwise be authorized.

- Press the TEL function button on COMAND.
- Select Phone in the telephone basic menu by sliding ↓ and turning the COMAND controller and press to confirm.

- ▶ Select Bluetooth Phones and press ⟲ to confirm.
- ▶ Select Update.
- ▶ Select Options by sliding ◎→ the COMAND controller and pressing ⟲ to confirm.
- ▶ Select External Authorization and press ⟲ to confirm.
- ▶ Start the Bluetooth® search on the mobile phone (see the mobile phone operating instructions).
- ▶ Select COMAND (MB Bluetooth) on the mobile phone.
- ▶ Enter the passcode on the mobile phone when requested to and then enter it in COMAND.

Connecting another mobile phone

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

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

- ▶ Select the mobile phone in the Bluetooth® telephones list by turning ❴◎❵ the COMAND controller and press ⟲ to confirm.
  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 Bluetooth® telephones list (▷ page 100).

Displaying details

- ▶ Press the TEL function button on COMAND.
- ▶ Select Phone in the telephone basic menu by sliding ◎↓ and turning ❴◎❵ the COMAND controller and press ⟲ to confirm.
- ▶ Select Bluetooth Phones and press ⟲ to confirm.
- ▶ Select the desired mobile phone in the Bluetooth® telephones list.
- ▶ Select Options by sliding ◎→ and press ⟲ to confirm.
- ▶ Select Details and press ⟲ to confirm. The following information concerning the selected mobile phone is shown:
  - Bluetooth® name
  - Bluetooth® address
  - availability status (is shown after a new search)
  - authorization status
- ▶ **To close the detailed view:** turn ❴◎❵ or slide ←◎→ the COMAND controller.

De-registering (de-authorizing) a mobile phone

Mercedes-Benz USA, LLC recommends de-authorization on both COMAND and on the mobile phone. Subsequent authorization may otherwise fail.

- ▶ Press the TEL function button on COMAND.
- ▶ Select Phone in the telephone basic menu by sliding ◎↓ and turning ❴◎❵ the COMAND controller and press ⟲ to confirm.
- ▶ Select Bluetooth Phones and press ⟲ to confirm.
- ▶ Select the desired mobile phone in the Bluetooth® telephones list.

- ▶ Select Options by sliding ◎→ and press ◎ to confirm.
- ▶ Select De-Authorize and press ◎ to confirm.
  A prompt appears asking whether you really wish to de-authorize this device.
- ▶ Select Yes or No.
  If you select Yes, the device will be deleted from the Bluetooth® telephones list.
  If you select No, the process will be aborted.

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

Telephone basic menu (Bluetooth® interface)

- ▶ Press the TEL function button.

If the mobile phone is ready for use, the following display appears:

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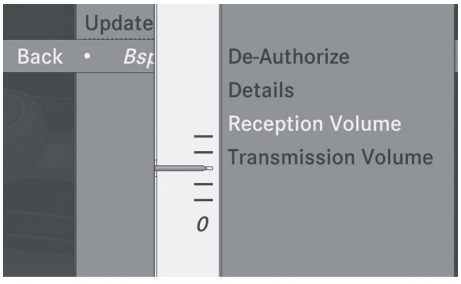
① Telephone status
② Signal strength of mobile phone network
③ Receiver icon or
④ To display the COMAND phone book
⑤ To display call lists
⑥ Character bar
⑦ Bluetooth® name of the currently connected mobile phone

Reception and transmission volume

Once the mobile phone has been authorized, you can optimize the transmission and reception volume settings. Further information about your mobile phone is available on the Internet at **http://www.mbusa-mobile.com**. Or call the Mercedes-Benz Customer Assistance Center at 1-800-FOR-MERCedes(1-800-367-6372) (for the USA) or Customer Relations at 1-800-387-0100 (for Canada).

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

- ▶ Press the TEL function button.
- ▶ Select Phone in the telephone basic menu by turning ◎ the COMAND controller and press ◎ to confirm.
- ▶ Select Bluetooth Phones and press ◎ to confirm.
- ▶ Select an authorized mobile phone from the list by turning ◎.
- ▶ Select Options by sliding ◎→ and press ◎ to confirm.
- ▶ Select Reception Volume or Transmission Volume and press ◎ to confirm.



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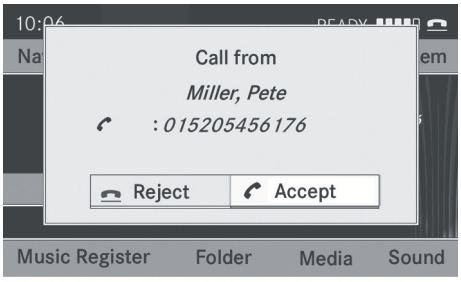
- ▶ Select a volume setting by turning ◎ the COMAND controller.
- ▶ **To close the setting scale:** press ◎ or slide ←◎→.

Telephone operation

Incoming call

Rejecting or accepting a call

When there is an incoming call, you see a corresponding window in the display.



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- **To reject:** select Reject by turning the COMAND controller and press to confirm.

or

- Press the button on COMAND or the multifunction steering wheel.

- **To accept:** confirm Accept by pressing .

or

- Press the button on COMAND or the multifunction steering wheel.

Once you have accepted the call, you can use hands-free mode. The call volume can be adjusted (▷ page 31). For more information, see the "Functions during a single call connection" section (▷ page 105).

ⓘ You can also accept a call as described above when COMAND is showing a display of a different main application. Once you have accepted the call, the display switches to telephone mode. After the call is finished, you see the display of the previous main application again.

Making a call

Entering a telephone number using the number keypad

- Call up the telephone basic menu (▷ page 103).
- Enter the digits using the number keypad.
- **To connect a call:** press the button on COMAND or on the multifunction steering wheel.

Entering a telephone number using the telephone basic menu

- Call up the telephone basic menu (▷ page 103).
- Select the digits one by one by turning and sliding the COMAND controller and press to confirm.
- **To connect a call:** select in the character bar and press to confirm.

or

- Press the button on COMAND or the multifunction steering wheel.

Redialing

- Call up the telephone basic menu (▷ page 103).
- Select in the character bar and press to confirm.

or

- If the telephone basic menu is displayed, press the button in COMAND.
  In both cases, the calls dialed list appears. The most recently dialed number is at the top.
- **To select a call:** turn the COMAND controller.
- **To connect the call:** press the COMAND controller.

Connecting a call to an entry in a call list or in the COMAND phone book

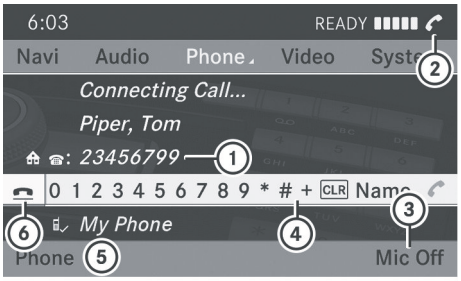
- Open a call list and select an entry (▷ page 110).

or

- Call up the COMAND phone book and select an entry (▷ page 106).
- **To connect a call:** press the COMAND controller or the button.

Functions available during a call

Overview



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Telephone operation with a single call

① Person you are calling
② Icon for active telephone connection
③ To switch hands-free microphone on/off
④ To send DTMF tones (not possible with all mobile phones)
⑤ Name of connected mobile phone
⑥ To end a call

Switching the hands-free microphone on/off

This function is also available during an active phone call.

- Call up the telephone basic menu (▷ page 103).
- **To switch off:** select `Mic Off` and press to confirm.
  If the microphone is switched off, the display shows the ⊗ icon and the `The microphone is off` message appears for a short period.
- **To switch on:** select `Mic On` and press to confirm.
  The ⊗ symbol disappears. You will briefly see the `The microphone is on` message.

Ending an active call

- Select in the telephone basic menu and press to confirm.

or

- Press the button on COMAND or the multifunction steering wheel.

Call waiting

The call waiting function must be supported by the mobile phone network provider and be enabled.

If you are having an individual conversation and receive another call, the number of the new participant is entered into the call list. A tone also sounds.

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, select the corresponding number.
- **To transmit individual characters:** once a connection has been established to the answer phone, select the desired

characters in the character bar and press to confirm.

or

- Press the corresponding key on the COMAND number keypad.
  Every character selected will be transmitted immediately.
- **To send a phone book entry as a DTMF sequence:** select Name by turning the COMAND controller and press to confirm.
- Select the desired phone book entry and press to confirm.
  The entry is sent as a DTMF character string.
- **To return to the call display:** select Back and press to confirm.

Using the phone book

Introduction

The phone book displays the names and phone numbers of all of the address book entries saved in the COMAND address book. If an address book entry does not have a telephone number, it does not appear in the phone book.

Calling up the phone book

Overview

- Select Name in the telephone basic menu by sliding and turning the COMAND controller and press to confirm.
  If the phone book contains entries, they will be displayed in alphabetical order.
  Character bar ③ is active.

  The character bar serves to reduce the number of entries needed.

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① Address book entry
② Calls up options
③ Character bar
④ Closes the phone book
⑤ Symbol for voice tag

A voice tag has been saved for address book entries with symbol ⑤(▷ page 116).

- **To close the phone book:** select in the character bar by sliding and turning the COMAND controller and press to confirm.

or

- Press the BACK button.

Searching for a phone book entry

With character bar

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

- Select a character by turning the COMAND controller and press to confirm.
  The first entry in the list that starts with the letter selected is highlighted. If there are similar entries, the next different character is shown. For example, with entries such as Christel and Christine, the beginnings of the names are similar. In this case, you will be offered a choice between E and I.

▶ Select the characters of the entry you are searching for one by one and press to confirm.
When the selection is clear, COMAND switches automatically to the selection list.

▶ **To complete the search:** switch from the phone book with the character bar to the selection list (▷ page 107).
The last list entry is automatically highlighted.

With number keypad

Alternatively, you can also enter digits using the number keypad (direct entry) (▷ page 27).

Deleting characters

▶ **To delete an individual character:** select the CLR symbol by turning the COMAND controller and press briefly.

or

▶ Briefly press the CLR button
Each time a character is deleted, the entry most closely resembling the remaining characters is shown at the top of the list.

▶ **To delete an entry:** select the CLR symbol by turning the COMAND controller and press until the entry is deleted.

or

▶ Press and hold the CLR button until the entire entry is deleted.

Changing the language of the character bar

▶ Select .

▶ The language is switched.

Changing the character set of the character bar

▶ Select ... and press to confirm.
The character set changes each time you make this selection.

Selecting an entry directly from the list

You can switch to the list at any time during character entry.

▶ Slide the COMAND controller repeatedly or press and hold until the character bar disappears.

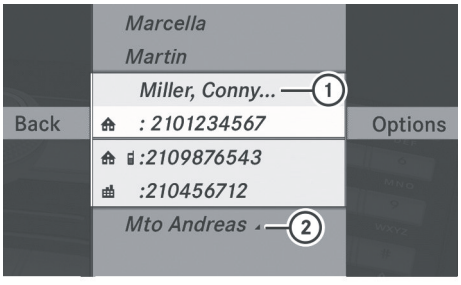
or

▶ Select ok and press to confirm.

▶ **To select an entry:** turn the COMAND controller until the desired entry is highlighted and press to confirm.

To select a phone number: the icon indicates that an entry contains more than one phone number.

▶ Select a phone book entry with the icon and press to confirm.
The sub-entries appear. The icon changes to .



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① Expanded address book entry
② Address book entry with sub-entries

▶ Select a sub-entry by turning and press to confirm.

- **To return to the phone book with character bar:** select Back in the list and press to confirm.

or

- Press the BACK button.

Displaying details for an entry

- Select an entry in the selection list by turning the COMAND controller.
- Select Options by sliding and press to confirm.
- Select Details and press to confirm. The detailed display appears.
- **To close the detailed view:** slide repeatedly until the entry is highlighted again or press the BACK button.

Deleting an entry from the phone book

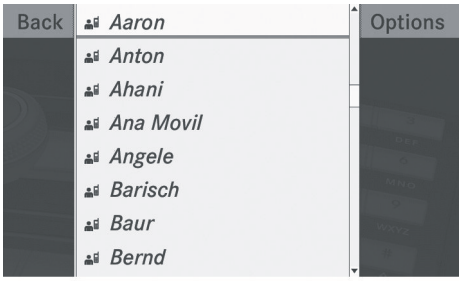
If the entry contains only phone numbers, it is deleted from the phone book and address book.

If there is additional data included along with the phone number, e.g. a navigable destination, the entry is deleted from the phone book but retained in the address book.

- Select an entry in the selection list by turning the COMAND controller.
- Select Options by sliding and press to confirm.
- Select Delete and press to confirm. A prompt appears asking whether the entry should be deleted.
- Select Yes or No and press to confirm. If you select Yes, the entry is deleted in accordance with the rules described above. If you select No, the process will be aborted.

Creating a new entry in the phone book

- Slide the COMAND controller repeatedly in the phone book until the selection list appears.



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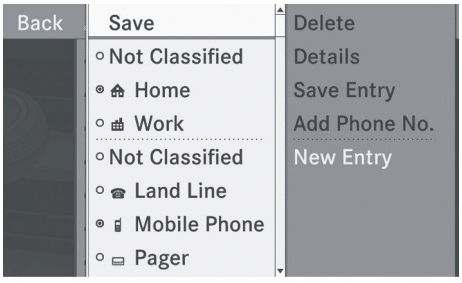
- Select Options in the selection list by sliding and press to confirm.
- Select New Entry and press to confirm.
- Select a category for the number, e.g. Home, and press to confirm.
- Select a category for the phone, e.g. Mobile Phone, and press to confirm.



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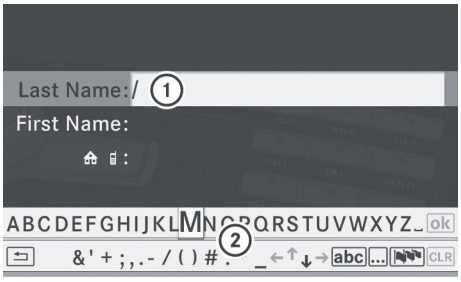
- Select Save and press to confirm. The input menu with data fields appears.



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① Selected data field with cursor

② Character bar

▶ Enter characters and save the entry. Proceed as described under "Entering characters" in the "Entering characters in the address and phone books" section (▷ page 28).

ⓘ The entry is created in the phone book and in the address book.

Adding telephone numbers to an existing phone book entry

▶ Select an entry in the selection list by turning the COMAND controller.

▶ Select Options by sliding and press to confirm.

▶ Select Add Phone No. and press to confirm.

▶ Select a category for the number, e.g. Home, and press to confirm.

▶ Select a category for the phone, e.g. Mobile Phone, and press to confirm.

▶ Select Save and press to confirm.
COMAND stores the data if there are fewer than five numbers assigned to the entry you are searching for in the selected number category.
If five numbers are stored for the entry in the selected number category, a prompt will appear asking whether you wish to overwrite one of the existing numbers.

▶ Select Yes or No and press to confirm.
If you select Yes, a selection list will appear containing the five existing numbers.
If you select No, the process will be aborted.

▶ Select the number to be overwritten by turning the COMAND controller and press to confirm.
An input menu appears. The data field for entering the new phone number is highlighted.

▶ Enter characters and save the entry. Proceed as described under "Entering characters" in the "Entering characters in the address and phone books" section (▷ page 28).

Using call lists

Introduction

COMAND supports the PBAP Bluetooth® profile. How COMAND processes call lists depends on the model of the mobile phone connected:

- Bluetooth® telephone with PBAP Bluetooth® profile:
  The call lists are downloaded automatically from the mobile phone by COMAND as soon as the mobile phone is connected to COMAND.
- Bluetooth® telephone without PBAP Bluetooth® profile:
  COMAND creates the call lists from calls dialed and received (including missed calls) as soon as the mobile phone is connected with COMAND.

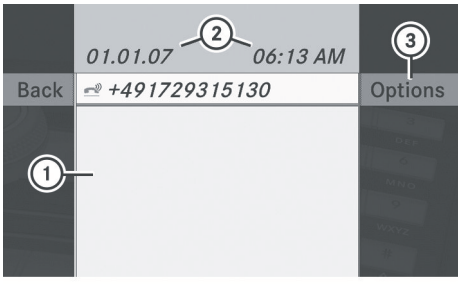
ⓘ If no mobile phone is found, then the Call Lists menu item is grayed out and cannot be selected. If you connect a mobile phone other than the previous one to COMAND, the previously available call lists and their entries will be deleted automatically.

The respective menu item can only be selected if calls have already been made or received in COMAND.

Displaying missed calls in the COMAND display is not supported by all mobile phones.

Opening the call list and selecting an entry

- Press the TEL function button.
- Select Call Lists in the telephone basic menu by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
  A menu appears.
- Select Calls Received or Calls Dialed using ◎ and press ◎ to confirm.
  The corresponding list appears.



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Example display: list of calls received

① List of incoming calls

② Date/time and phone number of the selected entry

③ To call up options

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

- Select an entry by turning ◎ the COMAND controller.
- **To dial a phone number:** press ◎.
- **To close the list:** select Back and press ◎ to confirm or press the BACK button.

Displaying details about a list entry

COMAND can also show a shortened list entry in full.

- Select a list entry by turning ◎ the COMAND controller.
- Select Options by sliding ◎→ and press ◎ to confirm.
- Select Details and press ◎ to confirm. The detailed display appears.
- **To go back to the list:** slide ←◎→ repeatedly until the list is highlighted.

Storing a phone number which has not yet been stored

Introduction

For incoming calls from a person who is not in the address book, COMAND displays the phone number in the call list. You can save this entry.

Storing as a new entry in the address book

- Open a call list and select an entry (▷ page 110).
- Select Options by sliding ◎→ the COMAND controller and pressing ◎ to confirm.
- Select Save and press ◎ to confirm.

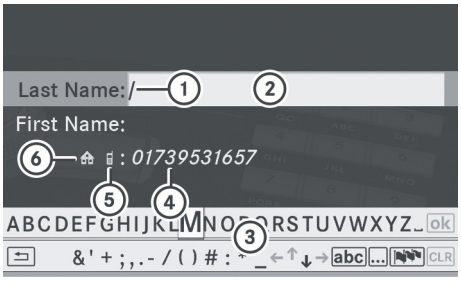
Save is shown in gray if the selected list entry has already been saved in the address book.

- Select New Entry and press ◎ to confirm.
- Select a category for the number, e.g. Home, and press ◎ to confirm.
- Select a category for the phone, e.g. Mobile Phone, and press ◎ to confirm.

Number category	Display (phone book and address book)
Not Classified	
Home	
Work	

Phone category	Display (phone book and address book)
Not Classified	
Mobile Phone	
Car	
Pager	

▶ Select Save and press to confirm.
An input menu with data fields is shown. The data field for the telephone number is filled in automatically.



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① Entry mark (cursor)
② Data field
③ Character bar
④ The data field for the telephone number is filled in automatically.
⑤ Phone category
⑥ Number category

▶ Proceed as described under "Entering characters" in the "Entering characters in the address and phone books" section (▷ page 28).

Adding a phone number to an address book entry

▶ Open a call list and select an entry (▷ page 110).
▶ Select Options by sliding ◎→ the COMAND controller and pressing to confirm.
▶ Select Save and press to confirm.

ⓘ Save is shown in gray if the selected list entry has already been saved.

▶ Select Add Phone No. and press to confirm.
▶ Select a category for the number, e.g. Home, and press to confirm.
▶ Select a category for the phone, e.g. Mobile Phone, and press to confirm.
▶ Select Save.
The search menu for address book entries appears.
▶ Search for the desired entry. Proceed as described under "Searching for a phone book entry" (▷ page 106).
▶ Press when you have finished searching.
COMAND stores the data if there are fewer than five numbers assigned to the entry you are searching for in the selected number category.
You will see a message to this effect.
If five numbers are stored for the entry you are searching for, a prompt will appear asking whether you wish to overwrite one of the existing numbers.
▶ Select Yes or No and press to confirm.
If you select Yes, a selection list with the five existing numbers is displayed.

If you select No, the process will be aborted.

- Select the number to be overwritten in the list by turning the COMAND controller and press to confirm.
  COMAND overwrites the selected number with the new data.

Deleting call lists

This function is available when the call lists are generated and managed by COMAND, i.e. when you are using a Bluetooth® telephone without the support of the PBAP Bluetooth® profile.

- Select Call Lists in the telephone basic menu by turning the COMAND controller and press to confirm.
- Select Delete Call Lists and press to confirm.
  A prompt appears asking whether you wish to delete all call lists.
- Select Yes or No and press to confirm.
  If you select Yes, the call lists are deleted.
  If you select No, the process will be aborted.

Using the address book

Introduction

WARNING

Please devote your attention first and foremost to the traffic situation you are in.

Before your journey, please familiarize yourself with the address book functions.

Only use the COMAND when road and traffic conditions permit you to do so. Otherwise you could be involved in an accident in which you or others could be injured.

The address book organizes and stores entries which are entered from different sources (mobile phone, memory card, COMAND telephone book, navigation system).

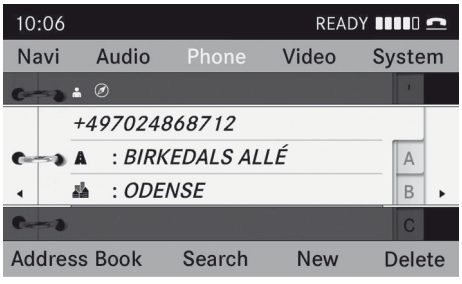
You can use these entries to make telephone calls and for navigation.

Each address book entry consists of a surname, first name and company, and can contain up to five telephone numbers, one home address and one business address. The address book can store 1,250 entries.

Address book entries remain stored when the mobile phone is disconnected. Therefore, you should delete your personal data using the reset function before selling your vehicle, for example (▷ page 43).

Calling up the address book

- Press the TEL function button.
  You see the telephone basic menu or the address book if it was open previously.
- With the telephone basic menu shown, select Phone by sliding the COMAND controller and press to confirm.
- Select Address Book from the menu and press to confirm.



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Address book with address book entry and navigable data

- **To browse in the address book:** turn the COMAND controller.
- **To close the address book:** press the TEL button.

Searching for an address book entry

▶ Call up the address book (▷ page 112).

▶ Select Search in the address book by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
If there are more than eight entries, the search menu and the character bar appear.

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Search menu with character bar

① symbol for address book entry

② symbol for complete address data from the navigation

③ symbol for voice tag

④ symbol for phone book entry from the mobile phone

⑤ Character bar

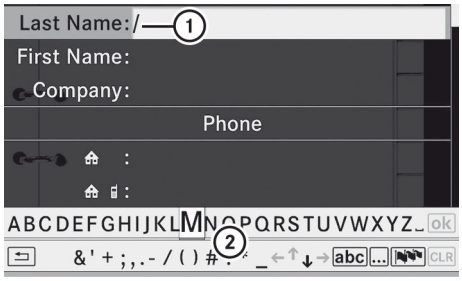
▶ Proceed as described under "Searching for a phone book entry" (▷ page 106).

Creating a new entry in the address book

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 112).

▶ Select New in the address book by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
An input menu with data fields appears.



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Input menu with data fields

① Selected data field with cursor

② Character bar

▶ Enter characters and save the entry. Proceed as described under "Entering characters" in the "Entering characters in the address and phone books" section (▷ page 28).

Deleting an address book entry

▶ **Option 1:** select Delete by sliding ◎↓ and turning ◎ the COMAND controller, press ◎ to confirm.

▶ **Option 2:** search for an address book entry (▷ page 113).

▶ Select Options by sliding ◎→ the COMAND controller, press ◎ to confirm.

▶ Select Delete and press ◎ to confirm.
Irrespective of the option chosen, a prompt will appear.

▶ Select Yes or No and press ◎ to confirm.
If you select Yes, the entry will be deleted.
If you select No, the process will be canceled.

ⓘ Deleting a mobile phone book entry only deletes the entry in the address book, not on the mobile phone.

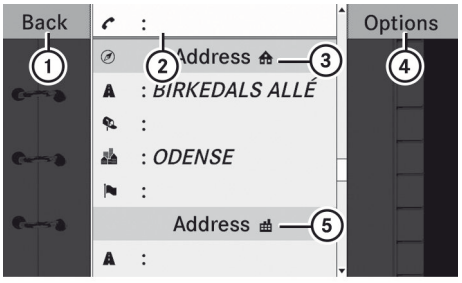
Displaying the detailed view for an address book entry

Selecting an entry

- Search for an address book entry and turn the COMAND controller to select it in the selection list (▷ page 113).

or

- Select an address book entry by browsing (▷ page 112).
- In both cases, press the controller.
  The detailed view appears.



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Detailed display for home details

① Returns to the previous menu
② Selected data field
③ Icon for home details
④ Calls up options
⑤ Icon for business details

- Select a data field by turning the COMAND controller.
  To close the detailed view: select Back and press the controller to confirm.

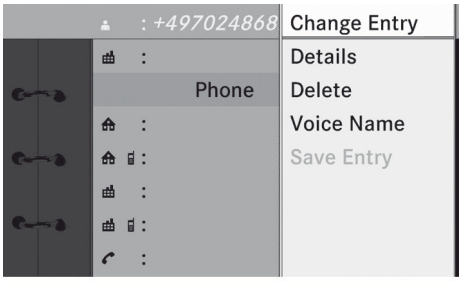
Displaying an address book entry in full

- Select Options by sliding the COMAND controller and press the controller to confirm.
- Select Details and press the controller to confirm.
  The display is shown in full.
- **To close the complete entry view:** press the BACK button.

Changing an address book entry

Changing an entry

- **Option 1:** search for an address book entry and turn the COMAND controller to select it in the selection list (▷ page 113).
- Select Options by sliding the COMAND controller and press the controller to confirm.
- Select Change content and press the controller to confirm.



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- **Option 2:** call up the detailed view for an address book entry (▷ page 114).
- Select Options by sliding the COMAND controller and press the controller to confirm.
- Select Change content and press the controller to confirm.
  Irrespective of the option, the input menu containing data fields appears.
- Proceed as described under "Entering characters" in the "Entering characters in the address and phone books" section (▷ page 28).

Changing the category of a telephone number data field

- Display the detailed view for an address book entry (▷ page 114) and highlight the telephone number data field.
- Select Options by sliding the COMAND controller and press the controller to confirm.

- ▶ Select Change category and press ⊛ to confirm.
- ▶ Select a number category, e.g. Home.
- ▶ Select a telephone category, e.g. Mobile.
- ▶ If desired, select Preferred and press ⊛ to confirm.
  Depending on the previous status, you switch the option on ☑ or off ☐. The phone number is displayed as the first number in the phone book and can be dialed immediately.
- ▶ Select Save and press ⊛ to confirm.
  The new category is stored.

Calling a number stored in an entry

Conditions

The mobile phone must be connected via the Bluetooth® interface.

Option 1

- ▶ Display details for an address book entry (▷ page 114).
- ▶ Select the phone number data field by turning ◁ ◎ ▷ the COMAND controller and press ⊛ to confirm.
  The telephone makes the call. The display switches to telephone mode.

Option 2

- ▶ Display details for an address book entry.
- ▶ Select the phone number data field by turning ◁ ◎ ▷ the COMAND controller.
- ▶ Select Options by sliding ◎→ the COMAND controller and press ⊛ to confirm.
- ▶ Select Call and press ⊛ to confirm.
  The telephone makes the call.

Starting route guidance to an entry

Note

This function is available as soon as you have stored a destination in the destination memory (▷ page 80). COMAND also saves destinations in the address book together with all the data required for route guidance.

Option 1

- ▶ Search for an address book entry (▷ page 113) with the ⊘ symbol and select it from the list.
- ▶ Display details for an address book entry (▷ page 114).
- ▶ Select the address data field by turning ◁ ◎ ▷ the COMAND controller and press ⊛ to confirm.

Option 2

- ▶ Search for an address book entry (▷ page 113) with the ⊘ symbol and select it from the list.
- ▶ Select Options by sliding ◎→ the COMAND controller and press ⊛ to confirm.
- ▶ Select Navigate and press ⊛ to confirm.
  If the address data is complete and it matches the digital map, route guidance starts irrespective of the option chosen.
  Subsequent operation will depend on how complete the address data items are and whether they correspond with the data in the digital map in the navigation system. They do not correspond, for example, if they are not written in the same way as the destination entry.

Voice tags

Adding or changing a voice tag

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.

- Search for an address book entry with or without a voice tag (symbol) (▷ page 113).
- Select Options by sliding ◎➡ the COMAND controller and press ⍟ to confirm.
- Select Voice tag and press ⍟ to confirm.
- Select Add or Change and press ⍟ to confirm.
  Subsequent operation is voice-controlled. The Voice Control System guides you through the dialogs.

Deleting a voice tag

- Search for an address book entry with a voice tag (▷ page 113).
- Select Options by sliding ◎➡ the COMAND controller and press ⍟ to confirm.
- Select Voice tag and press ⍟ to confirm.
- Select Delete and press ⍟ to confirm.
  A deletion prompt appears.
- Select Yes or No and press ⍟ to confirm.
  If you select Yes, COMAND deletes the voice tag.
  If you select No, the process will be canceled.

Listening to a voice tag

- Search for an address book entry with a voice tag (▷ page 113).
- Select Options by sliding ◎➡ the COMAND controller and press ⍟ to confirm.
- Select Voice tag and press ⍟ to confirm.
- Select Listen and press ⍟ to confirm.
  You hear the voice tag.

Importing contacts

Information and requirements

You can import contacts from the mobile phone and the memory card into the address book, or receive vCards via Bluetooth®.

ⓘ The address book can store 1,250 entries. Once the maximum number has been reached, you can delete existing entries (▷ page 113) and then import new entries.

Depending on the source of the contact data, different requirements apply:

Source	Conditions
Mobile phone with PBAP Bluetooth® profile	Bluetooth® must be activated in COMAND and on the mobile phone (see the mobile phone operating instructions). The mobile phone is connected to COMAND (▷ page 100).
Memory card	The memory card must be inserted (▷ page 132) and must contain importable contact data.

Conditions for receiving vCards

You can receive vCards from devices (e.g. from a PC) which support the sending of vCards via Bluetooth®.

It is not necessary to authorize the device in COMAND to do so.

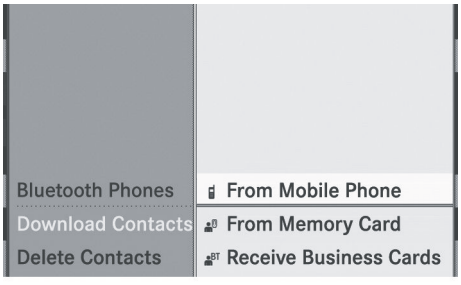
Please bear the following in mind:

- Bluetooth® must be activated in COMAND and on the Bluetooth® device (see operating instructions for the device).
- the Bluetooth® device must be able to send vCards via Bluetooth® (see operating instructions for the device).
- the Bluetooth® device in the vehicle must be switched on.

Preparing the import procedure

▶ Select Address book in the address book or, if the telephone basic menu is shown, select Telephone by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Import contacts and press ◎ to confirm.
A menu appears.



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Importing from a Bluetooth® mobile phone using PBAP

The icon in the address book indicates phone book entries which have been imported from the mobile phone.

ⓘ Depending on the mobile phone, using this function may result in only the phone book entries or the phone book together with SIM card entries being imported.

▶ Select From mobile phone in the menu by turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Add or Overwrite and press ◎ to confirm.
Add imports phone book entries into the address book.
Overwrite imports phone book entries from the mobile phone and overwrites all phone book entries in the address book that have the symbol. The previous phone book entries are then no longer available.
After the contact data has been imported successfully, you will see a message to this effect. The address book or the respective telephone basic menu is displayed.

ⓘ You can select the Overwrite menu item if the address book already contains phone book entries. A message notifies you when the address book is full.

If you use call lists from a Bluetooth® telephone with the support of the PBAP Bluetooth® profile, you cannot delete them from COMAND.

Importing from the memory card

Entries imported from the memory card have a memory card symbol.

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

- files with vCards (vcf files) must be stored in the root directory on the memory card
- files with vCards must have the file extension ".vcf"

ⓘ A vCard file can also contain several vCards.
COMAND supports vCards in versions 2.1 and 3.0.

▶ Select From the memory card in the menu by turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Add or Overwrite and press ⊛ to confirm.
Add imports the entries from the memory card into the address book.
Selecting Overwrite imports the entries from the memory card and overwrites all entries in the address book with the symbol. The previous entries are then no longer available.
After the contact data has been imported successfully, you will see a message to this effect. The address book or the respective telephone basic menu is displayed.

ⓘ You can select the Overwrite menu item if the address book already contains corresponding entries. A message notifies you when the address book is full.

Receiving vCards via Bluetooth®

Received vCards are identified by the BT symbol.

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

▶ Select Receive business cards in the menu by turning ⊛ the COMAND controller and press ⊛ to confirm.
This interrupts the Bluetooth® connection between COMAND and your active mobile phone. In turn, COMAND is ready to receive vCards from another Bluetooth® device.

▶ Start the data transfer on the external Bluetooth® device (see operating instructions for the device).
The data on the vCards is automatically transferred to the address book. The number of vCards received is displayed.

▶ **To end reception:** press ⊛ or the BACK back button.

Deleting contacts

▶ Select Address book in the address book or, if the telephone basic menu is shown, select Telephone by sliding ⊛ and turning ⊛ the COMAND controller and press ⊛ to confirm.
A menu appears.

▶ Select Delete contacts and press ⊛ to confirm.

▶ Select one of the following options:
- Internal contacts
- From mobile phone
- From the memory card
- Received business cards
- Delete all

A prompt corresponding to your selection appears.

▶ Select Yes or No and press ⊛ to confirm.
If you select Yes, the contacts are deleted according to your selection.
If you select No, the process will be canceled.

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described.

Radio mode

General information

ⓘ Portable electronic devices in the vehicle may seriously impair radio reception.

Switching to radio mode

Option 1

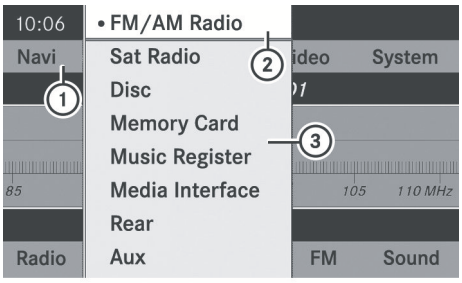
▶ Press the RADIO function button.
The radio display appears. You will hear the last station played on the last waveband selected.

ⓘ Repeatedly pressing this function button switches between the FM, AM and WB wavebands in that order and then calls up SatRadio mode. Pressing the button again takes you back to FM radio mode.

Option 2

▶ Select Audio in the main function bar by sliding ↑ and turning ❴ ❵ the COMAND controller and press to confirm.
If radio mode was the last mode selected, it will now be active.
If another audio mode is switched on, you can now switch to radio mode in the audio menu.

▶ Select Audio by sliding ↑ the COMAND controller and press to confirm.
The audio menu appears.



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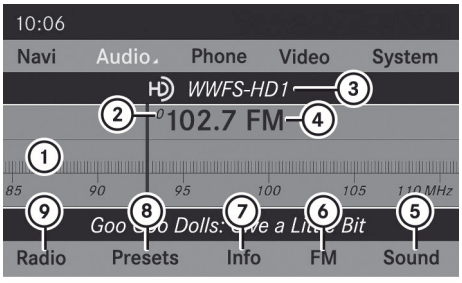
Example display: audio menu

① Main function bar
② Current audio operating mode
③ Audio menu

▶ Select FM / AM radio by turning ❴ ❵ the COMAND controller and press to confirm.



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Example display: HD Radio

① Display window with station settings
② Preset position of the selected station
③ Name of the selected station (icon for HD Radio and number of subprogram)
④ Frequency of the selected station
⑤ Sound settings
⑥ FM radio, AM radio or WB radio
⑦ Program information
⑧ Memory functions
⑨ Radio functions

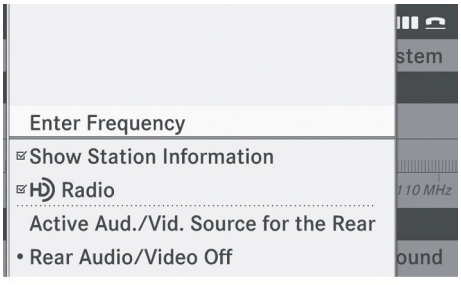
Notes on HD Radio™

The functions of HD Radio include:

- digital transmission in the same wavebands as analog AM/FM. The analog AM/FM stations remain in the same position when selecting a station
- ability to broadcast several program streams over a single AM/FM frequency (e.g. HD1, HD2 etc.)
- interference-free, clear reception
- FM: sound in CD quality; AM: sound as on analog FM stations
- a wide range of data services, text-based information – name of artist, name of song etc. – on the display.

For further information on HD Radio, visit **http://www.hdradio.com**.

You can deactivate HD Radio for the selected frequency in the radio submenu.



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▶ Select Radio in the radio display by sliding ◎ the COMAND controller and press ◎ to confirm.

▶ Select HD Radio and press ◎ to confirm.
HD Radio is deactivated if the check box ☐ is empty.

You hear the analog program of this frequency.

As soon as you change to another HD Radio frequency, the HD Radio is reactivated.

Switching wavebands

Option 1

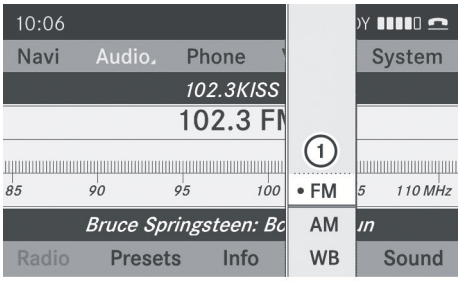
You can switch the radio between the FM, AM and WB waveband.

▶ Press the RADIO function button repeatedly until the desired waveband is selected.

Repeatedly pressing this function button switches between the FM, AM and WB wavebands in that order and then calls up SatRadio mode. Pressing the button again takes you back to FM radio mode.

Option 2

▶ Select FM, AM or WB in the radio display by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.
The waveband submenu is opened.



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① Waveband submenu (the currently selected waveband is indicated by the • dot)

▶ Select a waveband and press ◎ to confirm.
You will hear the last station on the selected waveband.

Selecting a station

Selecting stations using the station search function

▶ Press the ⏮ or ⏭ button.

or

▶ Turn ◎ or slide ◎ the COMAND controller while the display/selection window in the radio display is active. Station search scans up or down and stops at the next station found.

Selecting stations via the station presets

▶ **Quick setting:** press a number key, e.g. 2 ABC.

▶ **To select directly within the station presets:** select Presets by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

or

▶ Press ◎ the COMAND controller when the display/selection window is active. The station preset menu appears. The • dot indicates under which preset the currently selected station is stored.

▶ Select a station by turning ◎ and press ◎ to confirm or press a number key, e.g. 2 ABC.

Tuning in stations by entering the frequency manually

▶ **Option 1:** press the ✱ button.

▶ **Option 2:** select Radio in the radio display by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Enter Frequency and press ◎ to confirm.
Irrespective of the option used, an input menu will appear.

▶ Enter a frequency using the number keys. COMAND tunes in to the frequency entered.

Waveband	Frequency
AM (MF)	530 – 1700 kHz
FM (VHF)	87.7 – 107.9 Mhz
WB (Weather Band)	Weather report channels

ⓘ You can only enter currently permitted numbers.

ⓘ If you enter a frequency in the FM or AM wavebands which is outside the frequency range, COMAND tunes in to the next lower frequency.

Storing a station

Storing stations manually

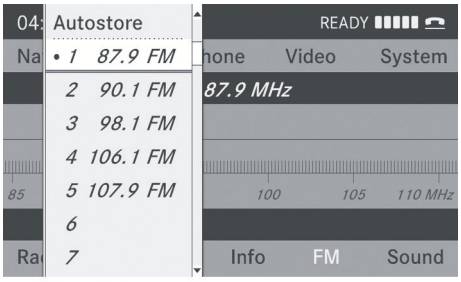
There are ten presets available for the FM and AM wavebands.

▶ **Quick save:** press and hold a number key, e.g. 2 ABC, until you hear a tone.
The station is stored.

▶ **To store directly in the station presets:** press ◎ the COMAND controller when the display/selection window in the radio display is active.

or

▶ Select Presets by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.
In both cases, the station presets appear. The • dot indicates under which preset the currently selected station is stored.



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Example display: station presets

▶ Select a preset by turning ◀◎▶ the COMAND controller and press and hold ◎ until you hear a tone.
The station is stored under the preset.

Storing stations automatically

This function automatically stores stations with adequate reception. The search starts at the lowest frequency. If stations are found, COMAND stores them starting at memory slot 1. Storing is complete when the highest frequency has been reached or when 10 stations have been found. Stations stored manually in the preset memory will be lost. It is possible that COMAND does not fill all memory slots when storing.

▶ **Option 1:** press ◎ the COMAND controller when the display/selection window is active.
The station preset menu appears.

▶ **Option 2:** select Presets by sliding ◎↓ and turning ◀◎▶ the COMAND controller and press ◎ to confirm.
The station preset menu appears.

▶ Irrespective of the option, select Autostore and press ◎ to confirm.
In both cases, COMAND searches for stations that can be received. You will see a message to this effect. The available stations are automatically stored in the preset positions.

▶ **To cancel storing:** select Cancel and press ◎ to confirm.

Weather Band

Switching to

▶ Press the RADIO function button repeatedly until the Weather Band is switched on.

or

▶ Select the currently selected waveband FM or AM by sliding ◎↓ and turning ◀◎▶ the COMAND controller and press ◎ to confirm.

▶ Select WB from the menu and press ◎ to confirm.

Searching for a channel

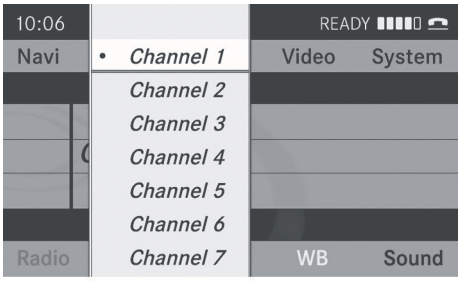
▶ **Quick select:** turn ◀◎▶ or slide ←◎→ the COMAND controller while the display/selection window in the radio display is active.

or

▶ Press the ⏮ or ⏭ button.
Channel search scans up or down and stops at the next channel found.

Selecting a channel from the channel list

▶ Select Channel by sliding ◎↓ and turning ◀◎▶ the COMAND controller and press ◎ to confirm.
The channel list appears.



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▶ Select a channel by turning the COMAND controller and press to confirm.

or

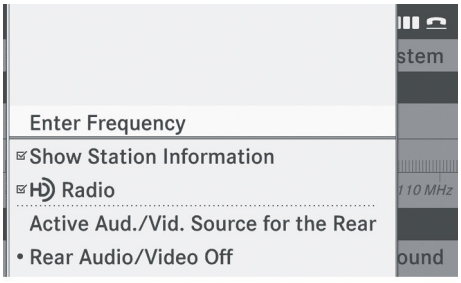
▶ Press a number key on the control panel, e.g. **4**, at any time.

Displaying station information

This function is only available for analog FM and digital AM/FM programs (HD Radio).

Information on the current station is displayed below the main function bar.

▶ Select Radio in the radio display by sliding and turning the COMAND controller and press to confirm.



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▶ Select Show Station Information by sliding and turning the COMAND controller and press to confirm. Depending on the previous state, switch Show Station Information on ☑ or off ☐.

Displaying program information

This function is only available for analog FM and digital AM/FM programs (HD Radio).

Information on the current station is shown in the display window.

▶ Select Info in the radio display by sliding and turning the COMAND controller and press to confirm. Information on the currently selected station is displayed. The contents and purpose of the information depend on the HD Radio station.

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Satellite radio

Important notes

This section provides detailed information on the following topics:

- selecting a channel and program category
- memory functions
- sound settings

ℹ The satellite radio mode described below requires optionally available satellite radio equipment and registration with a satellite radio provider.

ℹ Note that the categories and channels shown in the illustrations depend on the program content offered by the provider. The program contents may vary. 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 reasons include environmental or topographical conditions as well as other issues beyond the control

of Mercedes-Benz USA, LLC. Operation may also be impaired in certain locations (e.g. tunnels, parking garages as well as inside or next to buildings).

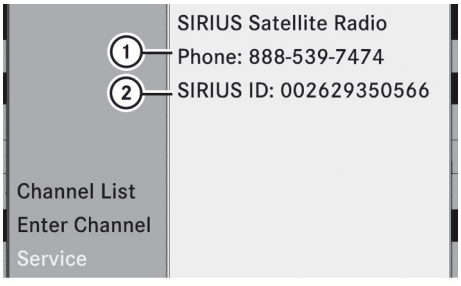
SIRIUS XM Radio offers more than 130 digital-quality radio channels providing 100% commercial-free music, sport, news and entertainment.

SIRIUS XM 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.sirius.com** (USA) or **http://www.siriuscanada.com** (Canada).

Registering satellite radio

- Switch on satellite radio mode (▷ page 125).
  The satellite radio main menu appears showing the weather channel. You cannot select any other stations.
- Select Sat Radio in the lower menu bar and press ⊙ to confirm.
- Select Service and press ⊙ to confirm.
  The service information screen appears.



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Service information screen

① Provider's phone number (SIRIUS XM)

② SIRIUS XM ID of your satellite receiver

- Call the phone number of your satellite radio provider shown on the screen.

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

Once the 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 No Service message appears in the display, followed by the satellite radio main menu.

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 or is not installed correctly, the Device Unavailable message will appear.

Switching on satellite radio mode

Notes

You can also use the multifunction steering wheel to tune in channels or scroll through lists, e.g. by pressing the ◀ ▶ ▲ ▼ buttons (▷ page 21).

Important notes on registration, see "Registering satellite radio" (▷ page 125).

Option 1

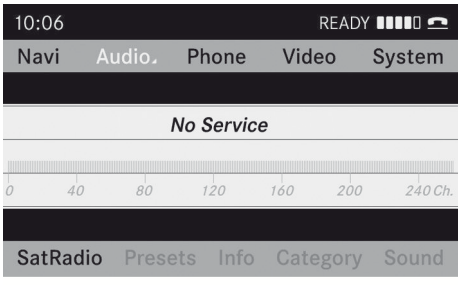
- Press RADIO the function button.
  The No Service message appears after switching on or if no signal is being received. Once COMAND receives the signal, the satellite radio display appears. The station last selected is played.

Repeatedly pressing this function button switches between the FM, AM, WB wavebands in that order and then switches

to satellite radio mode. Pressing the button again takes you back to FM radio mode.

Option 2

- Select Audio in the main function bar by sliding ↑◎ and turning ⟨◎⟩ the COMAND controller and press ⏎ to confirm.
  If satellite radio mode was the last mode selected, it will now be active.
  If another audio mode is switched on, you can now switch to satellite radio mode in the audio menu.
- Select Audio by sliding ↑◎ the COMAND controller and press ⏎ to confirm.
  The audio menu appears.
- Select Sat Radio and press ⏎ to confirm.
  The No Service message appears when starting up or if no signal is being received.
  If the satellite receiver is not installed or is not installed correctly, the Device Unavailable message will appear.



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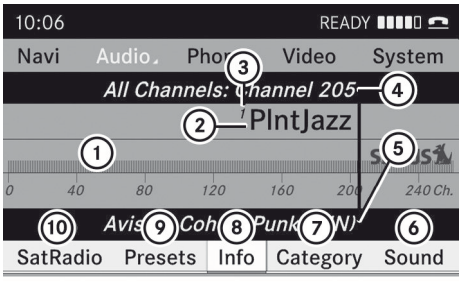
Once COMAND receives the signal, the satellite radio display appears. The station last selected is played.



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Satellite radio main menu

① Satellite radio display area
② Channel name
③ Preset
④ Selected category/channel number
⑤ Channel information (in brief)
⑥ Sound settings
⑦ Category list
⑧ Channel information (in detail)
⑨ Channel preset list
⑩ SatRadio menu

Channel information ⑤ can be viewed in detail (▷ page 128).

Changing the category

Satellite radio stations are sorted into various categories. You can choose between the different categories, such as news/talk shows, sports or country, if they are available. The category list is sorted alphabetically.

Selecting a category

- **To call up the category list:** select Category by turning ⟨◎⟩ the COMAND controller and press ⏎ to confirm.
  The category list appears.
- **To select a category:** select a category by turning ⟨◎⟩ the COMAND controller and pressing ⏎ to confirm.
  The category selected is shown in the display. You hear the station last selected for this category.
  The All Channels category is at the top of the category list. This category is sorted

by channel number and allows you to browse all available channels.

Selecting a channel

Channel search

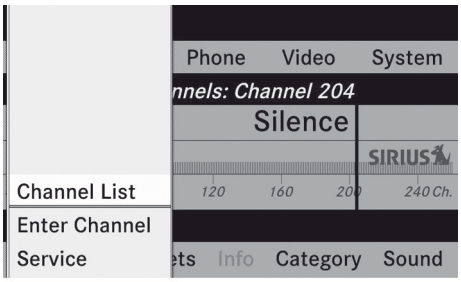
▶ Turn ◀◎▶ or slide ←◎→ the COMAND controller while the display/selection window in the SatRadio display is active.

or

▶ Press the ⏮ or ⏭ button.
COMAND searches in both directions (ascending and descending) and stops at the next channel found in the selected category.

SatRadio menu

▶ Select Sat Radio in the submenu bar by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.
The SatRadio menu appears.



P82.87-2156-31

Entering channel numbers directly

Option 1

▶ Press the ✱ button.
An input menu appears.

Option 2

▶ Select Sat Radio in the submenu bar by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.

▶ Select Enter Channel and press ⍟ to confirm.
An input menu appears.

▶ **To enter a channel:** irrespective of the option, press the corresponding number keys on the control panel one after the other.
COMAND sets the selected channel.

ⓘ You can only select currently permitted digits.

Selecting a channel from the SatRadio channel list

▶ Select Sat Radio in the submenu bar by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.

▶ Select Channel List and press ⍟ to confirm.
The channel list appears.

▶ Select a channel by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.

Memory functions

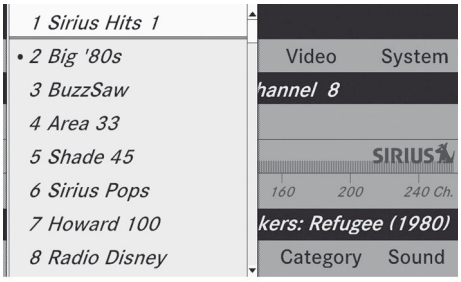
Storing channels

ⓘ There are ten presets available.

▶ Press ⍟ the COMAND controller when the display/selection window is active.

or

▶ Select Presets in the submenu bar by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.
In both cases, the channel presets appear. The • dot in front of a preset entry indicates that the currently selected channel is stored under this preset.



P82.87-2157-31

Station presets

▶ Select a preset by turning ◀◎▶ the COMAND controller and press and hold ↻ until you hear a tone.

or

▶ Press and hold a number button, e.g. **4**, until you hear a tone.
The channel is stored under the preset.

Storing channels automatically

This function automatically stores channels with adequate reception in the preset memory. Channels stored manually in the preset memory will be overwritten.

▶ **Option 1:** press ↻ the COMAND controller when the display/selection window is active.

▶ Select Autostore in the presets by turning ◀◎▶ the COMAND controller and press ↻ to confirm.

▶ **Option 2:** select Presets in the submenu bar by sliding ◎↓ and turning ◀◎▶ the COMAND controller and press ↻ to confirm.

▶ Select Autostore and press ↻ to confirm.
In both cases, COMAND searches for channels that can be received. You will see a message to this effect. The available channels are automatically stored in the preset positions.

▶ **To cancel storing:** select Cancel and press ↻ to confirm.

Selecting a channel from the preset list

▶ **To call up the preset list:** select Presets by turning ◀◎▶ the COMAND controller and press ↻ to confirm.
The channel preset list appears.

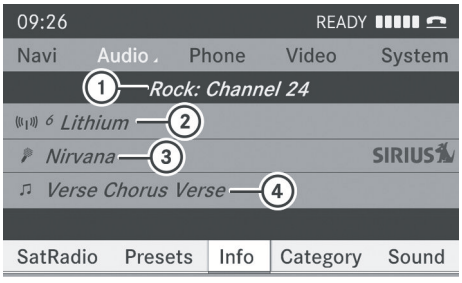
▶ **To set a channel:** select a preset by turning ◀◎▶ the COMAND controller and press ↻ to confirm.

or

▶ Press a number key, e.g. **4**.

Displaying information

▶ Select Info in the submenu bar by turning ◀◎▶ the COMAND controller and press ↻ to confirm.
Information on the currently received program is displayed.



P82.87-3923-31

① Category and channel number
② Channel name
③ Artist
④ Tracks

If available, you see:

- the full channel name
- the artist of the track that is currently being played
- the track that is currently being played

▶ **To return to the satellite radio main menu:** confirm Info by pressing ↻.

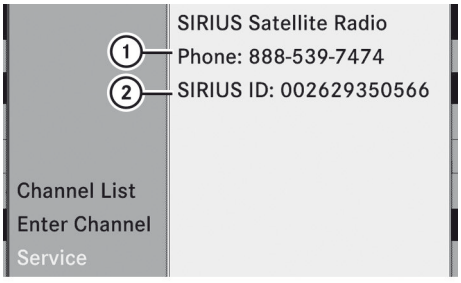
▶ Slide ↑◎ the COMAND controller up.

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.

▶ Select Sat Radio in the submenu bar by turning ◀◎▶ the COMAND controller and press ◉ to confirm.

▶ Select Service and press ◉ to confirm. The provider's details appear.



P82.87-2153-31

① Provider's phone number (SIRIUS XM) or Call Service Provider

② SIRIUS ID of your satellite receiver

▶ **To return to the satellite radio main menu:** slide ←◎→ the COMAND controller.

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 main menu appears. The station last selected is played.

Sound settings

You will find details on the sound settings in the "At a glance" section (▷ page 31).

Audio CD/DVD and MP3 mode

Important safety notes

⚠ **WARNING**

COMAND is classified as a Class 1 laser product. You must not open the casing. If you open the casing, or if the casing is faulty or damaged, there is a risk of exposure to invisible laser radiation. This may damage your eyes, or those of others.

COMAND does not contain any parts that can be serviced by the user. For safety reasons, all maintenance work must be carried out by qualified aftersales technicians.

⚠ **WARNING**

Only when the vehicle is stationary should you:

- load a disc
- eject a disc

There is a risk of being distracted from the road and traffic conditions if this is done while the vehicle is in motion.

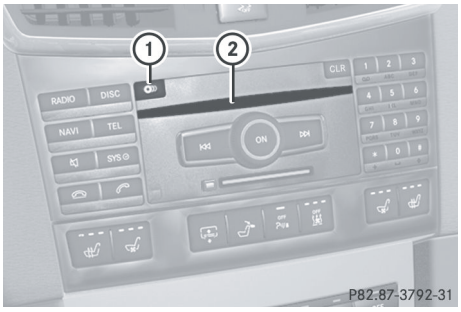
Inserting/ejecting CDs/DVDs

Notes

If the CD/DVD has a printed side, this must face upwards when the CD/DVD is inserted. If neither side is printed, the side to be played should face downwards. CDs/DVDs with copy protection may not be able to be played by the system.

ⓘ If a medium contains other files in addition to music files, the loading time before the first track starts to play may be longer.

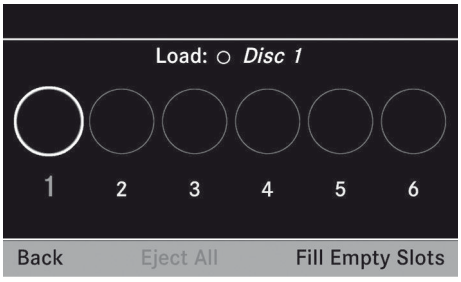
Inserting discs into the DVD changer



① Load/eject button
② Disc slot

The DVD changer has a fixed magazine with six trays.

▶ **To insert a CD/DVD into the magazine tray:** press the load/eject button. A menu shows the current load status of the magazine trays. The last tray selected is identified by a red digit.



Magazine menu

▶ Select the magazine tray by turning the COMAND controller and press to confirm.

or

▶ Press a number key, e.g. 1.
The DVD changer switches to the selected magazine tray. You see the `Please Wait...` message.
You then see the `Please Insert Disc <x>` message.

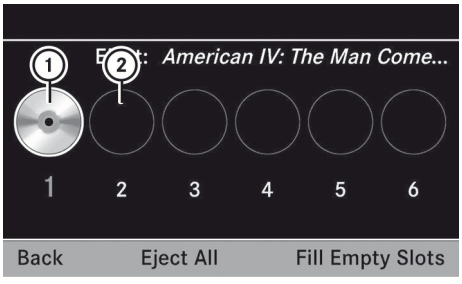
ⓘ Never insert a data medium before COMAND prompts you to do so. Never insert more than one disc into a magazine tray at a time.

▶ Insert a disc into the disc slot with the printed side facing upwards.
The DVD changer loads the disc into the selected magazine tray. The message `Loading Disc <x>...` appears.

ⓘ It may take some time for the disc to be loaded, depending on the type of disc. If no disc is inserted for approximately 20 seconds, the display returns to the magazine menu.

The DVD changer plays the disc if:

- it has been inserted correctly.
- it is a permissible type of disc.



① Full magazine tray (eject function is available)
② Empty magazine tray (disc can be inserted)

- **To exit the menu:** press the [⏏] eject/load button again or press the [BACK] button.

or

- Select Back by sliding ◎ and turning 〖◎〗 the COMAND controller and press ◎ to confirm.

- **To fill empty magazine trays:** press the [⏏] load/eject button.
  The magazine menu appears.
- Select Fill Empty Slots.
  You see the Please Wait... message. COMAND switches to the next empty magazine tray. You then see the Please Insert Disc <x> message.

ⓘ Never insert a data medium before COMAND prompts you to do so. Never insert more than one disc into a magazine tray at a time.

- Insert a disc into the disc slot with the printed side facing upwards.
  You see the Please Wait... message. Once the disc is loaded, the DVD changer switches to the next empty tray. You see the Please Insert Disc <x>. message.
- Repeat this step until all trays are loaded. The DVD changer will play the last disc loaded if it has been inserted correctly and is of a permissible type. This applies even if not all trays have been loaded with a disc.
- **To complete the insertion:** press the [⏏] eject/load button again or press the [BACK] button.

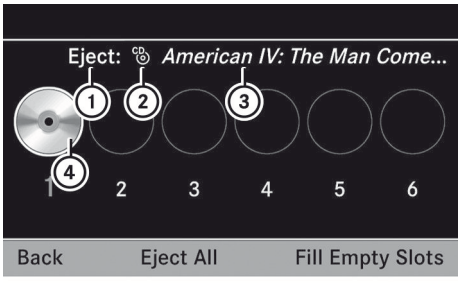
Ejecting discs from the DVD changer

If you remove one disc while playing another disc, the DVD changer interrupts playback. Playback continues once the disc has been ejected.

- **To eject a CD/DVD:** press the [⏏] load/eject button.

or

- Select Back by sliding ◎ and turning 〖◎〗 the COMAND controller and press ◎ to confirm.
  The magazine menu appears. The magazine tray with the current disc is highlighted.



P82.87-2162-31

① Eject possible
② Disc type
③ Disc name (only if stored on the disc)
④ Current disc

- Select a magazine tray containing a disc by turning 〖◎〗 the COMAND controller and press ◎ to confirm.

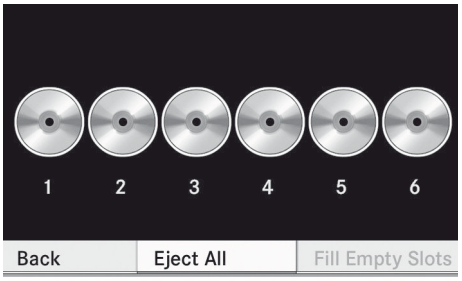
or

- Press a number key, e.g. [1].
  You see the Ejecting Disc <x>... message. You then see the following message.

P82.87-4445-31

▶ Take the disc out of the slot.
If you do not take the disc out of the slot, COMAND will draw it in again automatically after a short while and load it again.

▶ **To eject all CDs/DVDs:** press the load/eject button.
The magazine menu appears.



P82.87-2164-31

▶ Confirm Eject All by pressing .
The DVD changer ejects the last disc selected. The message Ejecting Disc <x>... appears.

▶ Take the disc out of the disc slot when you see the Please Remove Disc <x> message.
The DVD changer switches to the next loaded magazine tray and ejects the disc.

▶ Repeat the last step until the magazine is empty.

▶ **To cancel ejecting:** press the eject/load button again or press the BACK button.

or

▶ Select Back by sliding and turning the COMAND controller and press to confirm.

Inserting and ejecting a PCMCIA memory card

General information

COMAND supports 16-bit full-size type I and II PCMCIA memory cards.

Not all commercially available PCMCIA memory cards and storage media are designed for the temperatures which may be reached in the vehicle.

If you are no longer using the PCMCIA memory card, you should remove it from COMAND, as high temperatures could damage the card.

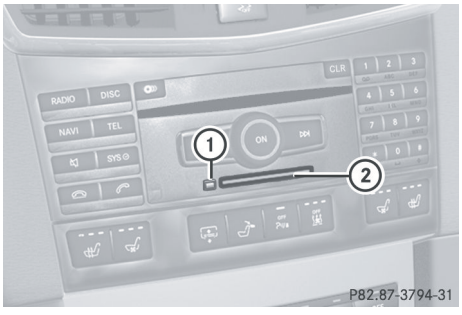
Inserting a PCMCIA memory card

P82.87-3793-31

① PCMCIA memory card slot

▶ Insert the memory card into the slot. The side with the contacts must face downwards and point towards the slot. COMAND loads the memory card and shows a message to this effect. If no MP3 tracks can be found, you will see a message to this effect.

Ejecting a PCMCIA memory card



P82.87-3794-31

① Eject button
② PCMCIA memory card slot

▶ Press eject button ① twice.
The memory card is ejected.
▶ Remove the memory card from slot ②.

Activating audio CD/DVD or MP3 mode

Option 1

▶ Insert a CD/DVD (▷ page 130) or a PCMCIA memory card (▷ page 132).
COMAND loads the medium inserted and starts to play it.

Option 2

▶ Press the DISC function button one or more times.

ⓘ By pressing the function button repeatedly, you can change the operating mode in the following order:

- audio CD/DVD / video DVD/MP3 CD/MP3 DVD in the DVD changer (disc mode)
- memory card mode
- MUSIC REGISTER
- Bluetooth® audio mode
- Media Interface or audio AUX mode

▶ Select an audio medium from the media list (▷ page 135).

Option 3

▶ Select Audio in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ◎ to confirm.
If disc mode was the last mode selected, it will now be active.
If another audio source is switched on, you can now switch to disc mode in the audio menu.

▶ Select Audio by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ◎ to confirm.
The audio menu appears.

▶ Select Disc or Memory Card and press ◎ to confirm.
The desired disc mode is activated.

▶ Select an audio medium from the media list (▷ page 135).

Example display: audio CD mode

P82.87-3795-31

① Disc type
② Track number
③ Track name (only if stored on the disc as CD text or if Gracenote® data is available)
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")
⑦ Sound settings
⑧ Media selection
⑨ Disc name (only if stored on the disc as CD text or if Gracenote® data is available)
⑩ To call up the track list
⑪ Data carrier position in the media list
⑫ Music files recorded
⑬ Playback options

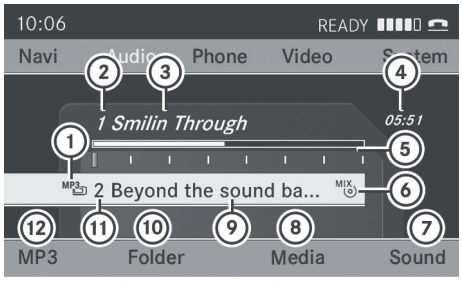
ⓘ The display may show the artist under ⑨ if the relevant data is available.

Example display: audio DVD mode

P82.87-4301-31

① Disc type
② Track number
③ Track name (only if stored on the disc as CD text)
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")
⑦ Sound settings
⑧ Media selection
⑨ Disc name (only if stored on the disc)
⑩ To call up the track list
⑪ Stop function
⑫ Pause function
⑬ Data carrier position in the media list
⑭ Playback options

Example display: MP3 mode



P82.87-3796-31

① Disc type
② Track number
③ Track or file name
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")
⑦ Sound settings
⑧ Media selection (display shows either Media or Changer)
⑨ Current folder
⑩ To call up the folder list
⑪ Data carrier position in the media list
⑫ Playback options

Pause function

In audio CD/DVD and MP3 mode

▶ **To pause playback:** briefly press the [ ] button.
The symbol appears at the top left in the status bar.

▶ **To continue playback:** briefly press the [ ] button again.
The symbol disappears.

Only in audio DVD mode

▶ **To pause playback:** switch on audio DVD mode (▷ page 133).

▶ Select [ ] by sliding and turning the COMAND controller and press to confirm.
The [ ] display changes to [ ].

▶ **To continue playback:** select [ ] and press to confirm.
Playback continues from the point where it was interrupted. The [ ] display changes to [ ].

Stop function

This function is only available in audio DVD mode.

- Switch on audio DVD mode (▷ page 133).
- **To interrupt playback:** select [■] by sliding ◎↓ and turning ⟨◎⟩ the COMAND controller and press ⊙ to confirm.
  The [❚❚] display changes to [▶]. [■] remains highlighted.
- **To continue playback:** select [▶] and press ⊙ to confirm.
  Playback continues from the point where it was interrupted.
- **To stop playback:** while playback is interrupted, select [■] again and press ⊙ to confirm.

or

- Select [■] and confirm by pressing ⊙ twice in rapid succession.
  [▶] is highlighted.
- **To restart playback:** select [▶] and press ⊙ to confirm.
  Playback starts at the beginning of the DVD.

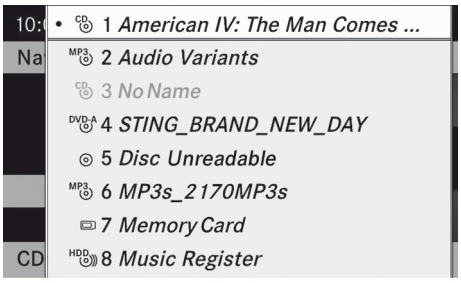
Selecting audio CD/DVD/MP3 discs

Selecting via the media list

- **In audio CD/DVD and MP3 mode:** select Media by sliding ◎↓ or turning ⟨◎⟩ the COMAND controller and press ⊙ to confirm.

or

- **In audio CD/DVD mode only:** press ⊙ the COMAND controller when the display/selection window is active.
  The media list appears. The • dot indicates the current medium being played.



P82.87-2168-31

Media list

The media list shows the discs currently available.

Media list
Magazine trays, positions 1 to 6: readable data media are audio CDs, MP3 CDs or MP3 DVDs, audio DVDs and video DVDs.
Memory card, position 7
MUSIC REGISTER, position 8
Bluetooth® audio, position 9
Media Interface, position 0

ⓘ If a data medium is not readable, an entry appears behind the magazine tray or you receive a message if you have selected the memory card.

- Select the data medium by turning ⟨◎⟩ the COMAND controller and press ⊙ to confirm.

ⓘ If you select a video DVD, the system switches to video DVD mode (▷ page 158).

Selecting a track

Selecting by skipping to a track

▶ **To skip forwards or back to a track:** turn ◀◎▶ the COMAND controller when the display/selection window is active.

or

▶ Press the ⏮ or ⏭ button.
The skip forward function skips to the next track.
Skipping backwards restarts the current track (if it has been playing for more than 8 seconds) or starts the previous track (if the current track has only been playing for a shorter time).
If the Random Tracks option has been selected, the tracks will be played in a random order.

Selecting by track list

▶ In audio CD/DVD mode, select Track List by sliding ◎↓ and turning ◀◎▶ the COMAND controller and press ◎ to confirm.

or

▶ Press ◎ the COMAND controller in MP3 mode when the display/selection window is active.
The track list appears. The • dot indicates the current track.

▶ Select the track by turning ◀◎▶ and press ◎ to confirm.

ⓘ In MP3 mode, the list shows all the tracks in alphabetical order.

Fast forward/rewind

▶ While the display/selection window is active, slide ←◎→ and hold the COMAND controller until the desired position has been reached.

or

▶ Press and hold the ⏮ or ⏭ button until the desired position is reached.

Selecting a folder

This function is only available in MP3 mode.

▶ Switch on MP3 mode (▷ page 133).

▶ Select Folder by sliding ◎↓ and turning ◀◎▶ the COMAND controller and press ◎ to confirm.

or

▶ Press ◎ the COMAND controller when the display/selection window is active.
The folder content appears.

P82.87-3825-31

① Current folder name
② Track symbol
③ Current track
④ Symbol for next folder up

▶ To switch to the superordinate folder: select icon ① and press ◎ to confirm.

P82.87-2170-31

① Disc name (if stored on the disc)

② Current folder

③ Folder icon

▶ Select the folder by turning ◎ and press ⏲ to confirm.
You will see the tracks in the folder.

▶ Select the track by turning ◎ and press ⏲ to confirm.
The track is played and the corresponding folder is now the active folder.

Gracenote Media Database

Introduction

This function is only available in audio CD mode.

There is a version of the software from Gracenote®, Emeryville, California, USA on the hard disk. You will recognize this by the logo which can be seen in the bottom right-hand corner of certain audio displays.

P82.86-9903-31

Many audio CDs contain CD text. COMAND uses the information contained therein to display the artist, album and track name.

If the audio CD does not contain any CD text information, COMAND can use the Gracenote Media Database to identify unknown audio tracks when running in audio CD mode. This is only possible if the relevant information is saved in the Gracenote Media Database and if the "Gracenote Media Database" function is activated.

If this is the case, COMAND will display the corresponding data such as artist, album and track name in the relevant displays and lists.

If COMAND accesses the Gracenote Media Database when reading an audio CD, you will see the following message:

P82.87-3824-31

Selecting Gracenote® data to be displayed

If several entries exist for the CD of a particular artist, you can select which of the entries should be shown.

If the inserted CD does not contain any Gracenote® data, the Gracenote Media Database menu item is shown in gray and cannot be selected.

▶ Switch on audio CD mode (▷ page 133).

▶ Select CD by sliding ◎↓ and turning ◎ the COMAND controller and press ⏲ to confirm.

▶ Select Gracenote Media Database by turning ◎ the COMAND controller and press ⏲ to confirm.
A menu appears.

The • dot indicates the current selection for the display.

- Select an entry by turning the COMAND controller and press to confirm.

Switching the Gracenote® data display on/off

- Switch on audio CD mode (▷ page 133).
- Select CD by sliding and turning the COMAND controller and press to confirm.
- Select Gracenote Media Database by turning the COMAND controller and press to confirm.
  A menu appears.
- Select Gracenote® data to be displayed and press to confirm.
- **To switch off the display:** select None and press to confirm.
  In the basic display, Track 1, Track 2 etc. are shown instead of the Gracenote® data, for example.
- **To switch on the display:** select an entry in the menu by turning the COMAND controller and press to confirm.

Updating Gracenote® music recognition technology and the Gracenote Media Database

The digital data on the Gracenote Media Database becomes obsolete due to the release of new CDs. Optimum functionality can only be attained with up-to-date Gracenote® music recognition technology. Information about new versions can be obtained from an authorized Mercedes-Benz Center.

You can have your music recognition software updated there with a DVD, or you can update it yourself.

ℹ The Gracenote Media Database is updated in conjunction with the navigation system's digital map (▷ page 93).

Setting the audio format

You can only set the audio format in audio DVD mode. The number of audio formats available depends on the DVD. The content of an audio DVD is called an "album", and this can be divided into up to nine groups. A group can contain music in different sound qualities (stereo and multichannel formats, for example), or bonus tracks. Each group can contain up to 99 tracks. If an audio DVD only contains one audio format, the "Group" menu item(s) cannot be selected.

- Switch on audio DVD mode (▷ page 133).
- Select DVD-A by sliding and turning the COMAND controller and press to confirm.
- Select Group by turning and press to confirm.
  The list of available audio formats appears. The • dot indicates the format currently selected.
- Select the audio format by turning and press to confirm.
- **To exit the menu:** slide the COMAND controller or press the BACK button.

Playback options

The following options are available to you:

- Normal Track Sequence
  The tracks are played in the normal order (e.g. track 1, 2, 3, etc.).
  In MP3 mode, the track order is determined by the order in which the tracks are written to the MP3 data carrier when it is created. 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 Tracks
  All the tracks on the medium are played in random order (e.g. track 3, 8, 5 etc.).
- Random Folder (only in MP3 mode)

The tracks in the currently active folder are played in random order.

▶ **To select options:** switch on audio CD/DVD or MP3 mode (▷ page 133).

▶ Select CD, DVD-A or MP3 by sliding ◎↓ and turning ❴◎❵ the COMAND controller and press ⍟ to confirm.
The options list appears. The • dot indicates the option selected.

▶ Select an option by turning ❴◎❵ and press ⍟ to confirm.
The option is switched on. For all options except "Normal track sequence", you will see a corresponding display in the display/selection window. See the example of the display in audio CD mode (▷ page 133).

ⓘ The "Normal track sequence" option is automatically selected when you change the medium 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.

Notes on MP3 mode

Permissible discs

- CD-R and CD-RW
- DVD-R and DVD-RW
- DVD+R and DVD+RW
- PCMCIA memory card

Permissible file systems

- ISO 9660/Joliet standard for CDs
- UDF for audio and video DVDs
- FAT16 or FAT32 for PCMCIA memory cards with storage medium

Multisession CDs

For multisession CDs, the content of the first session determines how COMAND will process the CD. COMAND plays only one session and gives priority to the audio CD session.

If possible, use COMAND to play only CDs which have been written in one 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. A disc can contain a maximum of 255 folders. Each folder can contain a maximum of 255 tracks and 255 subfolders.

The disc may contain no more than eight directory levels. Files beyond the eighth level will not be recognized by the system.

Track and file names

When you create a disc with compressed music files, you can assign names to the tracks and folders.

COMAND uses these names accordingly for the display. Folders which contain data other than MP3 or WMA tracks are not displayed by COMAND.

If MP3 or WMA files are stored in the root directory itself, the root directory will also be treated as a folder. COMAND will then show the name of the root directory as the folder name.

You must observe the following when assigning track names:

- track names must have at least 1 character.
- track names must have the extension "mp3" or "wma".
- there must be a full stop between the track name and the extension.
  Example of a correct track name: Track 1.mp3

ⓘ COMAND does not support ID3 tags.

Permissible formats

COMAND supports the following formats:

- MPEG1 Audio Layer 3 (MP3)
- Microsoft Windows Media Audio V2, V7, V8 and V9 (WMA)

Permissible bit and sampling rates

COMAND supports **MP3** files of the following types:

- constant 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

ⓘ 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.

Notes on copyright

MP3 or WMA tracks that you create or play back are generally subject to copyright protection in accordance with the applicable international and national regulations.

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.

If you own these rights yourself, e.g. for your own compositions and recordings, or if the copyright holder has granted you permission, these restrictions do not apply.

Notes on CDs/DVDs

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 is a wide range of data carriers, disc-writing software and writers available. This variety means that there is no guarantee that the system will be able to play discs that you have copied yourself.

There may be playback problems if you play CDs that you have copied yourself with a storage capacity of more than 700 MB. CDs of this type do not conform to the currently applicable standards.

ⓘ On many DVD audio discs, the last track does not contain any music and COMAND then switches to the next disc. This is normal system behavior and does not mean that there is a malfunction.

! Do not affix stickers or labels to the discs. They could peel off and damage the drive.

The drive is designed to hold discs which 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 drive.

Do not use discs with a diameter of 8 cm, even with an adapter. Only use round discs with a diameter of 12 cm.

ⓘ COMAND is able to play back audio CDs in multichannel audio format.

MUSIC REGISTER

General notes

You can store music files in MP3 or WMA format in the MUSIC REGISTER. The memory has a capacity of 6 GB.

! Retain the original music files in a secure location. An error in COMAND might result in the loss of the music files stored in the MUSIC REGISTER. Mercedes-Benz is not liable for any loss of data.

Switching to MUSIC REGISTER

Option 1

▶ Press the DISC function button repeatedly until the MUSIC REGISTER is switched on.

By pressing the function button repeatedly, you can change the operating mode in the following order:

- audio CD/DVD/MP3 (disc)
- memory card mode
- MUSIC REGISTER
- Bluetooth® audio mode
- Media Interface or audio AUX mode

If there are any music files, you will hear the first track in the first folder found or playback will begin at the point it was last interrupted.

If there are no music files, you will see a message to this effect.

▶ Confirm the message by pressing the COMAND controller and copy the music files (▷ page 141).

Option 2

▶ Select Audio in the main function bar by sliding ↑ and turning 〈 〉 the COMAND controller and press to confirm.

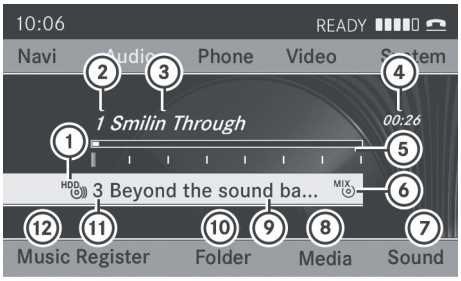
If MUSIC REGISTER was the last mode selected, it is now switched on.

If another audio source is switched on, you can now switch on the MUSIC REGISTER in the audio menu.

▶ Select Audio by sliding ↑ and turning 〈 〉 the COMAND controller and press to confirm.

The audio menu appears.

▶ Select Music Register and press to confirm.



P82.87-3798-31

① Type of data carrier: MUSIC REGISTER
② Track number
③ Track or file name
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")
⑦ Sound settings
⑧ Media selection
⑨ Current folder
⑩ Folder functions
⑪ Data carrier position in the media list
⑫ To call up the MUSIC REGISTER menu

Importing music files

Introduction

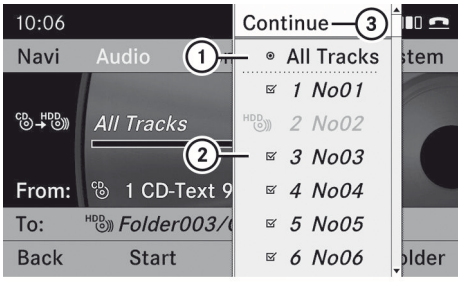
CD information such as album name, disk name, artist and track is provided through Gracenote Media Database (▷ page 137).

▶ Switch on audio CD mode (▷ page 133).

▶ With an audio CD inserted, select REC in the basic CD display by sliding ↓ and turning 〈 〉 the COMAND controller and press to confirm.

Step 1: Selecting tracks to import

▶ Select Tracks by turning the COMAND controller and press to confirm.



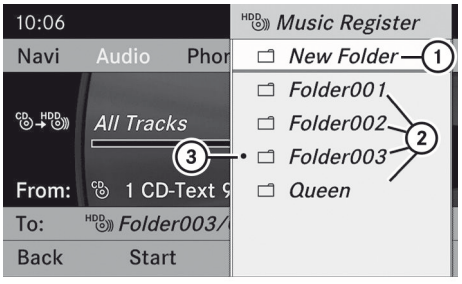
P82.87-2173-31

① To record all music files (standard)
② To record individual tracks ☑
③ To confirm your selection

If you do not select any tracks, every track on the CD will be imported.

Step 2: Selecting the target folder

▶ Select Folder by turning the COMAND controller and press to confirm.



P82.87-2174-31

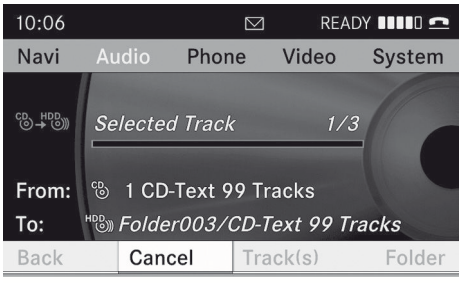
① To create a new folder (standard)
② Existing folders
③ Currently selected folder

▶ Select a folder by turning the COMAND controller and press to confirm.

If you do not select a target folder, a new one will be created.

Step 3: Beginning the import

▶ Select Start by turning the COMAND controller and press to confirm.
Information about the import source and target as well as the progress is displayed.



P82.87-2175-31

The Audio CD basic display automatically appears after successful import.

▶ **To cancel importing:** during importing, confirm Cancel by pressing the COMAND controller.
The Audio CD basic display appears.

Deleting all music files

This function deletes all music files from the MUSIC REGISTER.

! The deletion procedure may take several minutes. In order to prevent malfunctions, do not use COMAND during this period.

▶ Select Music Register by sliding and turning the COMAND controller and press to confirm.

▶ Select Delete All Music Files and press to confirm.
A query appears. No is highlighted.
If you select Yes, all music files are deleted. You see the Please Wait... message. Then, you see the Deletion Procedure Successful message.

If you select No, the process will be aborted.

Calling up disk space information

- ▶ Select Music Register by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
- ▶ Select Memory Info and press ◎ to confirm.
  The following is displayed:
  - storage capacity
  - available memory
  - occupied memory
  - content (folders, tracks)

Folder functions

Introduction

You can view the content of the MUSIC REGISTER, change folder or track names and delete individual folders or tracks.

Calling up the MUSIC REGISTER

- ▶ Select Folder by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.

or

- ▶ Press ◎ the COMAND controller when the display/selection window is active.
  You see the contents of the current folder.

P82.87-3823-31

① Folder selection symbol
② Current folder
③ Icon for music file

- ▶ **To switch to the superordinate folder:** select the [↰] icon and press ◎ to confirm.
  The display changes to the next folder up.

Changing the folder/track name

- ▶ Select Folder by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
- ▶ Select a folder/track by turning ◎.
- ▶ Select Options by sliding ◎→ and press ◎ to confirm.
- ▶ Select Change and press ◎ to confirm.
- ▶ Enter a name for the folder/track.
- ▶ **To save the changes:** select [ok] and press ◎ to confirm.

Deleting folders/tracks

- ▶ Select Folder by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
- ▶ Select a folder/track by turning ◎.
- ▶ Select Options by sliding ◎→ and press ◎ to confirm.
- ▶ Select Delete and press ◎ to confirm.
  A query appears. No is highlighted.
  If you select Yes, the folders/tracks are deleted. You see the Please wait...

message. Then, you see the Deletion Procedure Successful message.

If you select No, the process will be aborted.

Playback options

The following options are available:

- Normal Track Sequence
  The tracks are played in the normal order (e.g. track 1, 2, 3, etc.).
- Random Tracks
  All the tracks on the medium are played in random order.
- Random Folder (only in MP3 mode)
  The tracks in the currently active folder are played in random order.

▶ **To select options:** switch on the MUSIC REGISTER (▷ page 141).

▶ Select Music Register by sliding ◎↓ and turning ◎ the COMAND controller and press ⏲ to confirm.
The options list appears. The ● dot indicates the option selected.

▶ Select an option and press ⏲ to confirm.
The option is switched on. For all options except Normal Track Sequence, you will see a corresponding display in the display/selection window.

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

Conditions

Bluetooth® audio device

Bluetooth® audio mode requires a Bluetooth®-capable audio device.

ℹ Not all Bluetooth® audio devices available on the market are equally suitable. For more detailed information on suitable Bluetooth® audio devices and on connecting Bluetooth® audio devices to COMAND, visit **http://www.mbusa-mobile.com** (for USA). 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).

Before using Bluetooth® audio mode, you should check your Bluetooth® audio device for the following (see the Bluetooth® audio device's operating instructions):

- Bluetooth® audio profile
  The Bluetooth® audio device must support the A2DP and AVRCP Bluetooth® audio profiles.
- Bluetooth® visibility
  On certain Bluetooth® audio devices, as well as activating the Bluetooth® function, the device itself must also be made "visible" for other devices (see the Bluetooth® audio device's operating instructions).
- Bluetooth® device name
  Every Bluetooth® device has its own Bluetooth® device name. This device name is freely definable, but can be identical for all devices from the same manufacturer. You should therefore change the name of the device so that you can correctly identify your Bluetooth® audio device (see the

Bluetooth® audio device's operating instructions).

ⓘ 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

▶ Activate Bluetooth® and Bluetooth® visibility on the Bluetooth® audio device.

On COMAND

▶ Activate the Bluetooth® function in COMAND (▷ page 43).

General information

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.

Connecting comprises:

- searching for a Bluetooth® audio device
- subsequently authorizing it

You can connect up to ten Bluetooth® devices.

ⓘ If you authorize a mobile phone that supports Bluetooth® audio, the A2DP and AVRCP Bluetooth® audio profiles are connected automatically. The mobile phone is then entered in both the Bluetooth® telephones list (▷ page 100) and in the Bluetooth® device list. Mercedes-Benz recommends authorizing a mobile phone in Bluetooth® telephony (▷ page 100).

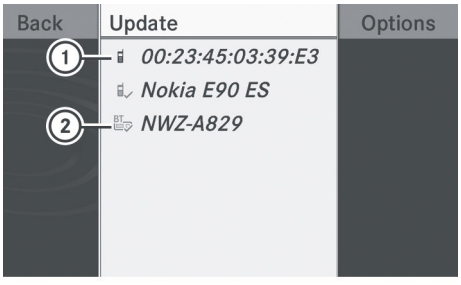
Searching for and authorizing a Bluetooth® audio device

▶ Switch on Bluetooth® audio mode (▷ page 147).
If you see the No Bluetooth Audio Device Authorized message, you will need to connect the Bluetooth® audio device first.

▶ Select BT Audio by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

▶ Confirm Bluetooth Audio Device List by pressing ◎ the COMAND controller.

▶ **To search:** confirm Update by pressing ◎ the COMAND controller.
COMAND scans for Bluetooth® audio devices within range and enters them in the Bluetooth® device list if they support the A2DP and AVRCP Bluetooth® audio profiles.
The duration of the search depends on the number of Bluetooth® audio devices within range and their characteristics.



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Bluetooth® device list (example)

① Newly detected mobile phone with Bluetooth® audio function in range

② Bluetooth® audio player not within range but previously authorized (icon appears in gray)

The Bluetooth® device list shows all Bluetooth® audio devices within range and all previously authorized Bluetooth® audio devices, whether or not they are in range.

- **To authorize:** select an unauthorized Bluetooth® audio device from the list (example: ①) by turning ◀◎▶ the COMAND controller.
- Select Options by sliding ◎→ the COMAND controller and press ⍟ to confirm.
- Select Authorize and press ⍟ to confirm. Enter the passcode. To do so, proceed as described in the "Authorizing (registering) a mobile phone" section (▷ page 101).
  After successful authorization, the Bluetooth® audio device is connected and starts playing.
- **External authorization:** COMAND may not be able to locate your Bluetooth® audio device due to the specific security settings of the Bluetooth® audio device itself. In this case, check whether your Bluetooth® audio device can locate the COMAND system (▷ page 101). The Bluetooth® device name of COMAND is MB Bluetooth.
  After successful authorization, the Bluetooth® audio device is connected and starts playing.

ⓘ With some Bluetooth® audio devices, playback must be initially started on the device itself, so that COMAND can play the audio data.

Reconnecting a Bluetooth® audio device

If the No Bluetooth Audio Device Connected message appears, you have the following options to connect a Bluetooth® audio device:

Option 1

- Confirm Connect Last Device in the basic display by pressing ⍟ the COMAND controller.
  If COMAND can locate the Bluetooth® audio device, it will be connected and start playing.

ⓘ With some Bluetooth® audio devices, playback must be initially started on the device itself, so that COMAND can play the audio data.

Option 2

- Select BT Audio by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.
- Confirm Bluetooth Audio Device List by pressing ⍟ the COMAND controller.
- Select a Bluetooth® audio device by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.
  If COMAND can locate the Bluetooth® audio device, it will be connected and start playing.

Displaying details

- Select a Bluetooth® audio device in the Bluetooth® device list.
- Select Options by sliding ◎→ the COMAND controller and pressing ⍟ to confirm.
- Select Details and press ⍟ to confirm. The following information concerning the selected mobile phone is shown:
  - Bluetooth® name
  - Bluetooth® address
  - availability status (is shown after a new search)
  - authorization status
- **To close the detailed view:** turn ◀◎▶ or slide ←◎→ the COMAND controller.

De-authorizing (de-registering) a Bluetooth® audio device

- Select a Bluetooth® audio device in the Bluetooth® device list.
- Select Options by sliding ◎→ the COMAND controller and pressing ⍟ to confirm.

▶ Select De-Authorize and press ⊛ to confirm.
A prompt appears asking whether you really wish to de-authorize this device.
▶ Select Yes or No.
If you select Yes, the device will be deleted from the Bluetooth® device list.
If you select No, the process will be aborted.

ⓘ Before reauthorizing the Bluetooth® audio device, you should also delete the device name MB Bluetooth from your Bluetooth® audio device's Bluetooth® list.

Switching to Bluetooth® audio mode

Option 1

▶ Connecting (▷ page 144) or reconnecting (▷ page 146) a Bluetooth® audio device.
COMAND activates the Bluetooth® audio device. The basic display appears and the device starts playing.

Option 2

▶ Press the DISC function button one or more times.

ⓘ By pressing the function button repeatedly, you can change the operating mode in the following order:

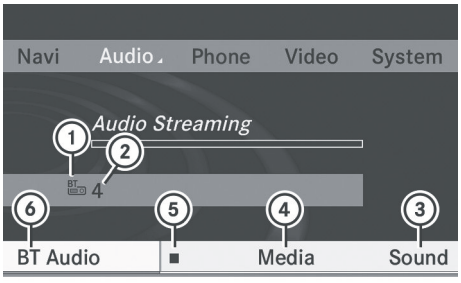
- audio CD/DVD / video DVD/MP3 in the DVD changer or DVD single drive (disc mode)
- memory card mode
- MUSIC REGISTER
- Bluetooth® audio mode
- Media Interface or audio AUX mode

Option 3

▶ Press number button 9 wxyz.
This will select the connected Bluetooth® audio device directly.

Option 4

▶ In the media list (▷ page 135), select the entry at position 9 by turning ⊛ the COMAND controller and press ⊛ to confirm.
COMAND activates the connected device. You will see a message to this effect. The basic display then appears.



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Bluetooth® audio display (example)
① Bluetooth® audio data medium type
② Position in the media list
③ Sound settings
④ Media list
⑤ To stop ■ or start ▶ playback
⑥ To connect Bluetooth® audio devices

ⓘ 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 start playback:** select ▶ by turning ⊛ the COMAND controller and press ⊛ to confirm.
Playback starts.
▶ **To stop playback:** select ■ by turning ⊛ the COMAND controller and press ⊛ to confirm.
A message appears. Selection is at ▶.

Selecting a track

The function is not supported by all Bluetooth® audio devices.

▶ **To skip forwards or backwards to a track:** press the ⏮ or ⏭ button.

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 carrier. 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 Tracks
  All the tracks on the medium are played in random order (e.g. track 3, 8, 5 etc.).

▶ Select BT Audio by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.
The • dot indicates the option selected.

▶ Select the option by turning ◎ the COMAND controller and press ◎ to confirm.
If you select Random Tracks, you will see a corresponding symbol in the display/selection window.

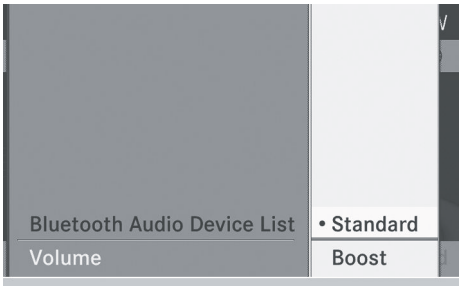
Adjusting the sound settings

The sound settings are described using radio mode as an example in the "Basic functions of COMAND" section (▷ page 31).

Increasing the volume using COMAND

▶ Select BT Audio by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Volume and press ◎ to confirm.
A menu appears. The • dot indicates the current setting.



▶ Select Standard or Boost and press ◎ to confirm.

You will find further information in the "Audio AUX Mode" section (▷ page 154).

Media Interface mode

Connection options

Overview

You will find the connection sockets in the center console.

Device-specific adapter cables, included with the Media Interface, are required to connect external devices to the Media Interface.

ⓘ Store individual parts in a safe place.
Only use genuine Mercedes-Benz connection cables.

You can connect the following data carriers to COMAND via the Media Interface:

- iPod®
- USB devices (USB sticks, USB hard drives)

ⓘ iPod® is a registered trademark of Apple Inc., Cupertino, California, USA.

Supported iPod® variants

The following are examples of supported iPod® variants:

- iPod® mini
- iPod® nano
- iPod® classic
- iPod® touch

Supported USB devices

The following USB devices are supported:

- USB sticks (flash memory)
- USB hard drives requiring a startup/ permanent current of a maximum of 800 mA (it may be necessary to connect a separate power supply)
- certain MP3 players

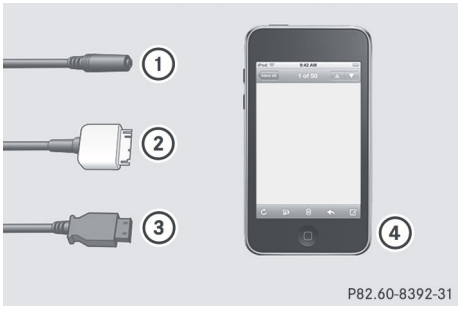
ⓘ The Media Interface supports USB storage media of "USB Device Subclass 6". Information concerning USB Device Subclass 6 is available from the equipment manufacturer.

For details and a list of supported devices, visit **http://www.mbusa-mobile.com**. Alternatively, 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).

Connecting an external device

ⓘ Do not leave external devices in the vehicle, as their correct function cannot be guaranteed if they are subjected to extreme temperatures, e.g. from exposure to direct sunlight or very low outside temperatures (see the operating instructions of the respective device). Mercedes-Benz USA, LLC accepts no liability for damage to external devices.

Never connect more than one device at a time. You will otherwise not be able to play back from the external device.



① Four-pin socket for ⅛ inch stereo jack, e.g. for MP3 players (audio and video)
② iPod® plug, to connect an iPod®
③ USB socket, to connect USB devices
④ Example of device, iPod®

▶ Connect the external device with suitable socket ①, ② or ③.
COMAND activates the device.

If you remove a device, the `No device connected` message appears.

ⓘ A connected iPod® or MP3 player should not be simultaneously operated via the Media Interface and the remote control (e.g. Bluetooth® remote control), as this may produce unpredictable results.

ⓘ Connecting a fully discharged iPod® or MP3 player can result in an extended initialization period.

Malfunction messages appear while the device is being activated if:

- COMAND does not support the device connected (`External device unavailable`).
- the connected device consumes too much power.
- the Media Interface connection is faulty.

ⓘ Consult an authorized Mercedes-Benz Center if required.

Switching to Media Interface mode

General information

In extreme cases, starting up individual functions can take up to several minutes – this depends on the external device and its content (e.g. video podcasts).

Only use the original software to save files on iPods or MP3 players. Otherwise, some or all functions may not be available.

Option 1

- ▶ Connect an external device (▷ page 149). COMAND activates the device. The basic display then appears.

or

- ▶ Select Audio in the main function bar by sliding ↑ and turning ❴ ❵ the COMAND controller and press to confirm.
  If you had previously selected Media Interface mode, this will now be activated.
  If another audio source is switched on, you can now switch to Media Interface mode in the audio menu.
- ▶ Select Audio by sliding ↑ and turning ❴ ❵ the COMAND controller and press to confirm.
  The audio menu appears.
- ▶ Select Media Int. and press to confirm.

Option 2

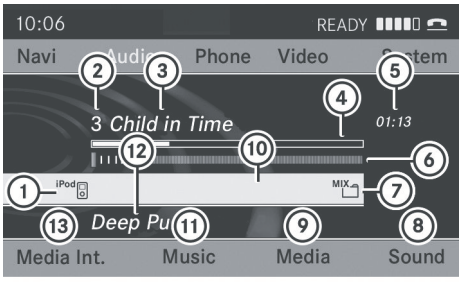
- ▶ Press the DISC function button one or more times.

By pressing the function button repeatedly, you can change the operating mode in the following order:

- audio CD/DVD/MP3 (disc)
- memory card mode
- MUSIC REGISTER
- Bluetooth® audio mode
- Media Interface or audio AUX mode

Option 3

- ▶ Press the 0 number button.
  This selects the connected external audio device directly.



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Media Interface mode (iPod® mode)

① Disc type
② Track number
③ Track name
④ Graphic time display
⑤ Elapsed track time (also in format 00:00:00 for audio books)
⑥ Graphic track display
⑦ Current playback settings (no symbol for "Normal track sequence")
⑧ Sound settings
⑨ Media list
⑩ Album name (if available)
⑪ Categories, playlists and/or folders
⑫ Artist (if available)
⑬ Playback options

Selecting music files

Note

COMAND displays the data stored on the iPod®, MP3 player or USB mass storage device according to the filing structure used in the respective medium.

Selecting by skipping to a track

▶ **To skip forwards or back to a track:** turn ⟨◎⟩ the COMAND controller when the display/selection window is active.

or

▶ Press the ⏮ or ⏭ button.
The skip forward function skips to the next track. The skip back function skips to the beginning of the current track if the track has been playing for more than eight seconds. If the track has been playing for less than eight seconds, it skips to the start of the previous track. If you have selected a playback option other than Normal track sequence, the track sequence is random.

Selecting using the number keypad

▶ **To make an entry:** press the * button. An input menu appears. The number of characters available for input depends on the number of stored tracks.

▶ **To enter a track number:** press a number key, e.g. 7 PQRS.
The digit is entered in the first position in the input line.

ⓘ COMAND will ignore and not display an invalid digit.

▶ Enter more numbers if desired.
The track plays after the last possible number is entered.

ⓘ Pressing and holding a number key for more than two seconds completes the entry, and the corresponding track is played.

Fast forwarding/rewinding

▶ While the display/selection window is active, slide ←◎→ and hold the COMAND controller until the desired position has been reached.

or

▶ Press and hold the ⏭ or ⏮ button until the desired position is reached.

ⓘ On an iPod®, fast rewind only functions within the current track.

Selecting a category/playlist/folder

iPod® and certain MP3 players

For an iPod® or MP3 player, you can select tracks using categories or folders.

Depending on the device connected, the following categories may be available, for example:

- Current tracklist
- Playlists (e.g. All)
- Artists
- Albums
- Tracks
- Podcasts
- Genres
- Composers
- Audiobooks

ⓘ Some playback categories contain the entry All. If this entry has been selected, the entire content of the category selected will be played.

USB devices

For USB mass storage devices, you can select both folders as well as any existing playlists. COMAND can also display the album name and artist (metadata) during playback, if this information has been entered into the system.

Playlists are indicated in the display by a special icon. When you open the playlist, the corresponding tracks are opened and playback begins. You can now select Random

categories instead of Random folder as a playback option.

For USB mass storage devices, you can choose to display the metadata contained in the tags of the encoded music data, or to display the file and directory names during playback.

▶ **To display the album and artist name:** select Media Interface in the basic display by sliding ◎↓ and turning ◎ the COMAND controller and press ⊙ to confirm.

▶ Select Display Metadata and press ⊙ to confirm.

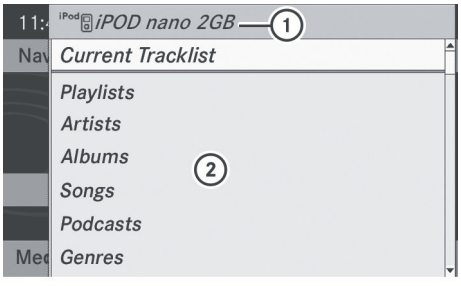
Selecting a category and opening a folder

▶ Press ⊙ the COMAND controller when the display/selection window is active.

or

▶ Select Music in the basic display by sliding ◎↓ and turning ◎ the COMAND controller and press ⊙ to confirm.
You will see the available categories or the folder content (e.g. other folders). The display's status bar shows the selected category or the folder name.

ℹ The Music menu item is not available until the device has been activated.



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Example display: category list

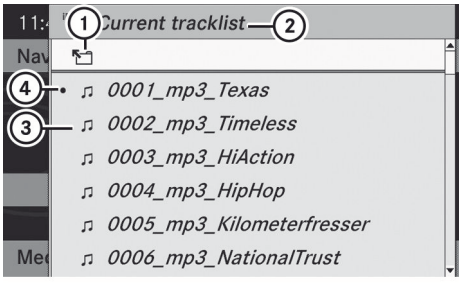
① Device icon and device name

② Selectable categories

▶ Select the category/folder by turning ◎ the COMAND controller and press ⊙ to confirm.
You will see the content of the selected category or selected folder.

ℹ If the data needs to be read from the connected device, the Please wait... message appears.

▶ If necessary, repeat this step until the tracks in the desired folder/album appear.



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Example display: current tracklist

① Symbol for next folder up

② Current category

③ Track symbol

④ Current title

▶ Select the track by turning ◎ the COMAND controller and press ⊙ to confirm.
The track is played.

▶ **To switch to the superordinate folder:** select the icon using the COMAND controller and press ⊙ to confirm.

ℹ The symbol is always listed right at the top of the respective folder.

Playing back the content of a category or folder

- Select the category or folder by turning the COMAND controller.
- Press the COMAND controller for longer than two seconds.
  The content of the category or folder selected is played in accordance with the playback option (▷ page 138) selected.

Alphabetical track selection

iPod® and MP3 players

This function is available for alphabetically sorted categories and folders. This function is not available for albums or playlists, for example.

- Select a category, e.g. Artists, by turning the COMAND controller and press to confirm.
  The available artists are displayed.
- Press the corresponding number key once or several times to select the first letter of the artist's name (e.g. for an artist beginning with the letter "C", press number key 2 ABC three times).
  The available letters are listed at the lower edge of the display.
  After a message, the first entry in the list which matches the letter entered is highlighted.

ℹ If no corresponding entry exists, the last entry corresponding to a previous letter is highlighted instead.

ℹ For iPods® and MP3 players, the quality of the search results is highly dependent on the version and language variant of the software (e.g. iTunes® version) used to populate the device.

USB mass storage device

This function is available for alphabetically sorted directories. This function is not available for albums or playlists, for example.

- In a directory, press the corresponding number key once or several times to select the first letter of the artist's name (e.g. for an artist beginning with the letter "C", press number key 2 ABC three times).
  The available letters are listed at the lower edge of the display.
  If the directory only contains folders, COMAND searches for folders. After a message, the first entry which matches the letter entered is shown at the top of the list.
  If no entry matches the entered letter, the first item in the list is the last entry to correspond to a selection.

Selecting an active partition (USB mass storage devices only)

You can select this function for USB mass storage devices when the storage device is partitioned. Up to four partitions (primary or logical; FAT format) are supported.

ℹ The Windows® formatting program supports FAT partitioning up to 32 GB as standard.

- Select Media Interface in the basic display by sliding and turning the COMAND controller and press to confirm.
- Select Select active partition and press to confirm.

Playback options

The following options are available:

- Normal track sequence

Normal track sequence: you hear the tracks in their normal order (e.g. numerical or alphabetical).

- Random tracks

  All the tracks on the medium are played in random order.
- Random categories or Random folder (in the case of USB devices when Folder has been selected):

  The tracks in the currently active category or folder, including any subfolders, are played in random order.

i For USB devices, the random playlists offer a maximum of 300 tracks chosen at random.

▶ **To select a playback option:** select Media Interface in the basic display by sliding ◎↓ and turning ◎ the COMAND controller and press ◎ to confirm.
The options list appears. The • dot indicates the option selected.

▶ Select an option and press ◎ to confirm.

Notes on USB devices

Data formats

The following data formats are supported:

- MP3: fixed and variable bit rates up to 320 kbit/s
- WMA: fixed and variable bit rates up to 320 kbit/s

Notes on USB devices

- In order to keep the initialization time to a minimum, store only music data on a USB device.
- Up to eight directory levels with up to 1000 tracks per directory are supported.
- Do not use USB extension leads or adapters. They can impair functionality.
- A background search of the USB device is performed and any playlists found are shown in a separate category in addition to the folders. Initialization of larger USB mass storage devices containing a large number of files may take several minutes.

i DRM (Digital Rights Management) protected files are not supported by the Media Interface.

Audio AUX mode

Notes on audio AUX mode

You can connect an external audio source (AUX) to COMAND.

The socket is located in the center console.

If COMAND is equipped with a Media Interface, external audio sources are connected using the corresponding cable set. An AUX socket is not provided.

i You can find more information on the Internet at **http://www.mercedes-benz.com/connect** and in the "Media Interface mode" section (▷ page 148).

Activating audio AUX mode

When you connect an external audio source, audio AUX is not selected automatically.

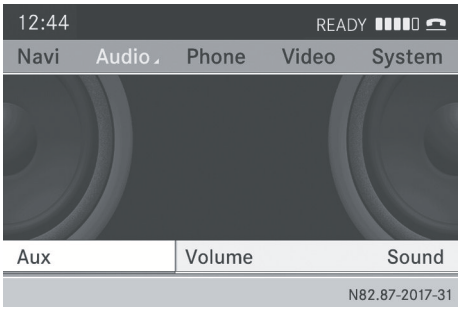
▶ Select Audio in the main function bar by sliding ↑◎ and turning ◎ the COMAND controller and press ◎ to confirm.
If AUX mode was the last mode selected, it will now be active.

If another audio source is switched on, you can now switch to audio AUX mode in the audio menu.

▶ Select Audio using ↑◎ and press ◎ to confirm.
The audio menu appears.

▶ Select Aux using ◎ and press ◎ to confirm.
The audio AUX menu appears. The medium in the external audio source is played, if the

source is connected and playback selected.



Please see the respective operating instructions for how to operate the external audio source.

You will find details on volume (▷ page 31) and sound (▷ page 31) settings in the "At a glance" section.

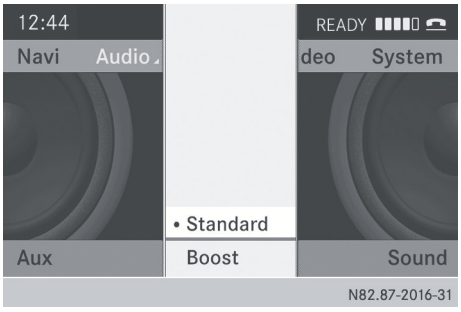
⚠ WARNING

External audio sources may have different volumes, which can mean that system messages such as traffic announcements and navigation system announcements are much louder. If necessary, please deactivate the system messages or adjust their volume manually.

Increasing the volume using COMAND

In some cases, the volume of the external audio device may be quieter or louder, or the usual maximum possible volume may be lower. On some devices, it is possible to adjust the volume separately. In this case, start at a medium volume and increase it gradually. This enables you to determine whether the system is able to play the music at high volume without distorting it.

▶ Select Volume in the AUX display by turning the COMAND controller and press to confirm.
A menu appears. The • dot indicates the current setting.



▶ Select Standard or Boost and press to confirm.
Standard: the volume of the external audio source is adjusted to a standard value.
Boost: the volume of the external audio source is raised by approximately 10 dB.

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described.

General information

Automatic picture shutoff

The video picture is only shown if the selector lever is in the **P** position.

If the selector lever of the transmission is changed from position **P**, the `In order not to distract you from the traffic situation, the picture is faded out while the vehicle is in motion.` message appears

As soon as the selector lever of the transmission is returned to position **P**, the video image is shown.

Basic settings

Picture settings

Adjusting the brightness, contrast or color

- ▶ Press the COMAND controller to show the menu.
- ▶ Select `DVD-Video` by sliding and turning the COMAND controller and press to confirm.
  A menu appears.
- ▶ Select `Brightness`, `Contrast` or `Color` by turning the COMAND controller and press to confirm.

Changing the picture format

- ▶ Press the COMAND controller to show the menu.
- ▶ Select `DVD-Video` by sliding and turning the COMAND controller and press to confirm.
  A menu appears.
- ▶ Select `16:9 Optimized`, `4:3` or `Widescreen` and press to confirm.
  The dot in front of the entry indicates the currently selected format.
- ▶ Select a setting by turning the COMAND controller and press to confirm.

Video DVD mode

Safety notes

⚠ WARNING

COMAND is classified as a Class 1 laser product. You must not open the casing. If you open the casing, or if the casing is faulty or damaged, there is a risk of exposure to invisible laser radiation. This may damage your eyes, or those of others.

COMAND does not contain any parts that can be serviced by the user. For safety reasons, all maintenance work must be carried out by qualified aftersales technicians.

⚠ WARNING

Only when the vehicle is stationary should you:

- load a disc
- eject a disc

There is a risk of being distracted from the road and traffic conditions if this is done while the vehicle is in motion.

Notes about discs

Playback problems may occur when playing copied discs. There are a large variety of discs, DVD authoring software, writing software and writers available. This variety means that there is no guarantee that the system will be able to play discs that you have copied yourself.

! Do not affix stickers or labels to the discs, as 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 accommodate discs which comply with the EN 60908 standard. You can therefore 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 COMAND.

Use round discs with a diameter of 12 cm. Do not use discs with a diameter of 8 cm, even with an adapter.

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 can play back video DVDs produced according to the following standards:

- region code 1 or region code 0 (no region code)

i If you insert a video DVD with a different region code, you will see a message to this effect.

- PAL or NTSC standard

You will generally find the relevant details either on the DVD itself or on the DVD case.

i COMAND is set to region code 1 at the factory. This setting can be changed at an authorized Mercedes-Benz Center. This will allow you to play video DVDs with a different region code, provided that they are produced in accordance with the PAL or NTSC standard. The region code can be changed up to five times.

Function restrictions

Depending on the DVD, it is possible that certain functions or actions will be temporarily blocked or may not function at all. As soon as you try to activate these functions or actions, you will see the ⃠ symbol in the display.

Inserting and removing DVDs

▶ Proceed as described in the "Inserting and ejecting CDs and DVDs" section (▷ page 130).

Activating video DVD mode

Option 1

▶ Insert a video DVD.
COMAND loads the medium inserted and starts to play it.

▶ **To display the picture:** press the DISC button.

Option 2

▶ Press the DISC function button one or more times.
COMAND switches to the previous disc operating mode.

ⓘ By pressing this function button repeatedly, you can change the operating mode in the following order:

- audio CD/DVD / video DVD/MP3 in the DVD changer or DVD single drive (disc mode)
- memory card mode
- MUSIC REGISTER
- Bluetooth® audio mode
- Media Interface or audio AUX mode

▶ Select a DVD-V video DVD from the media list (▷ page 161).

Option 3

▶ Select Video in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ↻ to confirm.
Video DVD mode is switched on.

Hiding/showing the navigation menu

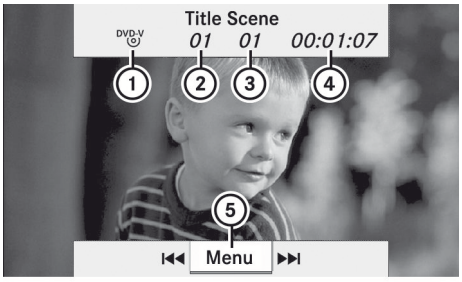
▶ **To show:** turn ❴◎❵ or slide ↑◎↓ the COMAND controller.

ⓘ This function is not available while the DVD's own menu (▷ page 162) is being displayed.

▶ **To hide:** slide ↑◎↓ the COMAND controller.

or

▶ Wait for approximately eight seconds.



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Navigation menu displayed
① Disc type
② Current track
③ Current scene
④ Track time
⑤ To show the menu

Showing/hiding the menu

This function is not available while the DVD's own menu (▷ page 162) is being displayed.

▶ **To show:** press ↻ the COMAND controller.

or

▶ Select Menu while the navigation menu is shown and press ↻ to confirm.

▶ **To hide:** slide ↑◎ the COMAND controller and confirm Full Screen by pressing ↻.

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Menu shown
① Video DVD options
② Pause function
③ Stop function

④ Media selection
⑤ Sound settings

Fast forward/rewind

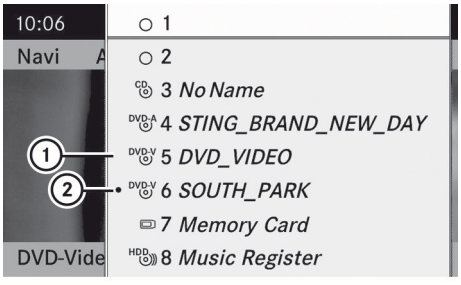
▶ Slide ←◎→ and hold the COMAND controller until the desired position has been reached.

or

▶ Press and hold the ⏮ or ⏭ button until the desired position is reached.
You see the navigation menu.

Selecting a video DVD

▶ Press ↻ the COMAND controller to show the menu.
▶ Select Media by sliding ◎↓ and turning ❴◎❵ the COMAND controller and press ↻ to confirm.
The media list appears. The • dot indicates the current medium being played. Video DVDs are indicated by the DVD-V icon.



P82.87-2180-31

① DVD-V icon for a video DVD.
② Video DVD currently playing

▶ Select a video DVD by turning ❴◎❵ the COMAND controller and press ↻ to confirm.
COMAND loads the video DVD and begins playing it.

ⓘ If you select a CD, an audio DVD or an MP3 medium, you switch to the respective audio mode. You can find further information about the media list on (▷ page 135).

Stop function

▶ Press ↻ the COMAND controller to show the menu.
▶ **To interrupt playback:** select ■ by turning ❴◎❵ the COMAND controller and press ↻ to confirm.
The ❚❚ display changes to ▶. The video image is hidden.
▶ **To continue playback:** select ▶ and press ↻ to confirm.
Playback continues from the point where it was interrupted.
▶ **To stop playback:** while playback is interrupted, select ■ again and press ↻ to confirm.

or

▶ During playback, confirm ■ by pressing ↻ twice in rapid succession.
Selection is at ▶.
▶ **To restart playback:** confirm ▶ by pressing ↻.
Playback restarts from the beginning.

Pause function

▶ Press ↻ the COMAND controller to show the menu.
▶ **To pause playback:** select ❚❚ by turning ❴◎❵ the COMAND controller and press ↻ to confirm.
The ❚❚ display changes to ▶.
▶ **To continue playback:** select ▶ and press ↻ to confirm.
The menu is hidden.

Selecting a scene/chapter

If the film is divided into scenes or chapters, you can select them directly while the film is running, or skip forwards step-by-step. Some DVDs do not permit this at certain points (e.g. during the opening credits).

It may also be possible to select the scene/chapter from within the menu stored on the DVD.

▶ **To skip forwards or back:** turn ◀◎▶ or slide ←◎→ the COMAND controller.

or

▶ Press the ⏮ or ⏭ button on the control panel.
The navigation menu (▷ page 160) appears for approximately eight seconds.

Selecting a film/title

This function is only available if the DVD is divided into several films/titles. If the DVD contains several films, these can be selected directly. A film can be selected either when the DVD is being played back or when it is stopped.

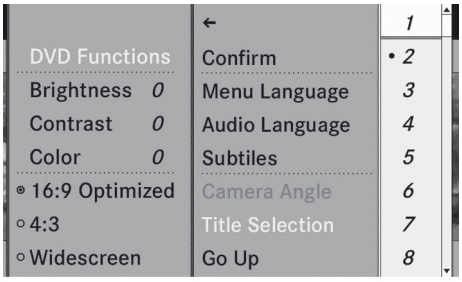
The film can also be selected from the menu on the DVD itself.

▶ Press ⍟ the COMAND controller to show the menu.

▶ Select DVD-Video by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.

▶ Select DVD Functions and press ⍟ to confirm.
A menu appears.

▶ Select Title Selection by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.



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▶ Select a film/title and press ⍟ to confirm.

DVD menu

Calling up the DVD menu

The DVD menu is the menu stored on the DVD itself. It is structured in various ways according to the individual DVD and permits certain actions and settings.

In the case of multi-language DVDs, for example, you can change the DVD language in the DVD menu.

▶ Press ⍟ the COMAND controller to show the menu.

▶ Select DVD-Video in the menu by turning ◀◎▶ the COMAND controller and press ⍟ to confirm.

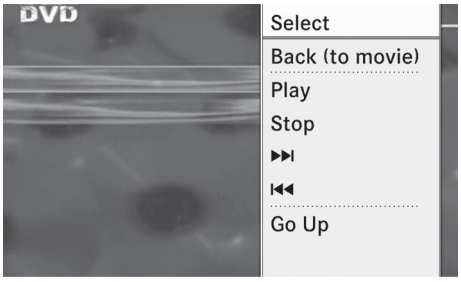
▶ Select DVD Functions and press ⍟ to confirm.

▶ Select Menu and press ⍟ to confirm.
The DVD menu appears.

Selecting menu items in the DVD menu

▶ Select a menu item by sliding ▲◎▼ or turning ←◎→ the COMAND controller and press ⍟ to confirm.
The menu appears.

ⓘ Menu items which cannot be selected are shown in gray.



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▶ **To reconfirm your selection:** confirm Select by pressing ⊙.

COMAND executes the action.

Make a selection from the further options, if necessary.
COMAND then switches back to the DVD menu.

ⓘ Depending on the DVD, the menu items: Back (to movie), Play, Stop, ⏮, ⏭ or Go Up may not function or not function at certain points in the DVD menu. To indicate this, the ⊘ symbol appears in the display.

Stopping a film or skipping to the beginning or end of a scene

▶ Select any menu item from the DVD menu. The menu appears.

▶ **To stop the film:** select the Stop menu item and press ⊙ to confirm.

▶ **To skip to the end of a scene:** select the ⏭ menu item and press ⊙ to confirm.

▶ **To skip to the beginning of a scene:** select the ⏮ menu item and press ⊙ to confirm.

Moving up one level in the DVD menu

▶ Press the BACK back button.

or

▶ Select the corresponding menu item in the DVD menu and press ⊙ the COMAND controller to confirm.

or

▶ Select any menu item in the DVD menu and press ⊙ the COMAND controller to confirm.

▶ Select Go Up and press ⊙ to confirm.

Back to the film

▶ Press the BACK back button repeatedly until you see the movie.

or

▶ Select the corresponding menu item from the DVD menu.

▶ Select the Back (to movie) menu item in the menu and press ⊙ to confirm.

Setting the language and audio format

This function is not available on all DVDs. If it is available, you can set the DVD menu language, the audio language or the audio format. The number of settings is determined by the DVD content. It is possible that the settings may also be accessed in the DVD menu (▷ page 162).

▶ Press ⊙ the COMAND controller to show the menu.

▶ Select DVD-Video in the menu by turning ⟨◎⟩ the COMAND controller and press ⊙ to confirm.

▶ Select DVD Functions and press ⊙ to confirm.

▶ Select Menu Language or Audio Language and press ⊙ to confirm.
In both cases, a menu appears after a few seconds. The • dot in front of an entry indicates the currently selected language.

▶ Select a setting by turning ⟨◎⟩ the COMAND controller and press ⊙ to confirm.

▶ **To exit the menu:** slide ←◎→ the COMAND controller.

Subtitles and camera angle

These functions are not available on all DVDs. The number of subtitle languages and camera angles available depends on the content of the DVD. It is possible that the settings may also be accessed in the DVD menu (▷ page 162).

- ▶ Press ⍉ the COMAND controller to show the menu.
- ▶ Select DVD-Video in the menu by turning ❴◎❵ the COMAND controller and press ⍉ to confirm.
- ▶ Select DVD Functions and press ⍉ to confirm.
- ▶ Select Subtitles or Camera Angle and press ⍉ to confirm.
  In both cases, a menu appears. The • dot in front of an entry indicates the current setting.
- ▶ Select a setting by turning ❴◎❵ the COMAND controller and press ⍉ to confirm.
- ▶ **To exit the menu:** slide ←◎→ the COMAND controller.

Interactive content

DVDs can contain interactive content (e.g. a video game). In a video game, for example, you may be able to influence events by selecting and triggering actions. The type and number of actions depend on the DVD.

- ▶ Select an action by sliding ↑◎↓ or ←◎→ the COMAND controller and press ⍉ to execute it.
  A menu appears and the first entry, Select, is highlighted.
- ▶ Press ⍉ the COMAND controller.

AUX video mode

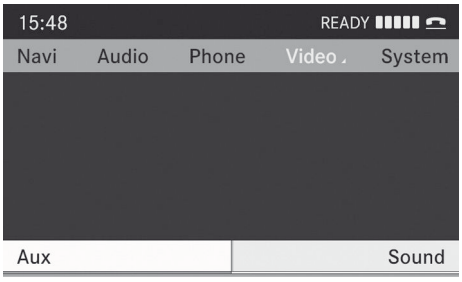
AUX jacks

An external video source (video AUX) can be connected to COMAND through the Media Interface (▷ page 148) using the 1/8 inch audio/video connections in the center console.

ⓘ In vehicles with a rear view camera, the video AUX jack cannot be used for external video sources.

Switching to video AUX mode

- ▶ Select Video in the main function bar by sliding ↑◎ and turning ❴◎❵ the COMAND controller and press ⍉ to confirm.
  If video AUX mode was the last mode selected, it will now be active.
  If another video source is switched on, you can now switch to video AUX mode in the video menu.
- ▶ Select Video and press ⍉ to confirm.
- ▶ Select Aux and press ⍉ to confirm.
  The video AUX menu appears. You will hear and see the content of the external video source if it is connected and switched to playback.



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Video AUX mode

For details on how to operate the external video source, see the respective device's operating instructions.

Showing/hiding the menu

- **To show:** press the COMAND controller.
- **To hide:** slide the COMAND controller and confirm Full Screen by pressing.

Volume and sound settings

You will find details on volume (▷ page 31) and sound (▷ page 31) settings in the "At a glance" section.

WARNING

External video sources may have different volumes, which can mean that system messages such as traffic announcements and navigation system announcements are much louder. If necessary, please deactivate the system messages or adjust their volume manually.

It may be the case that a device which is connected as an external video source seems quieter or louder in the vehicle, or that the usual maximum volume cannot be reached. On some devices, it is possible to adjust the volume separately. In this case, start at a medium volume and increase it gradually. This enables you to determine whether the system is able to play the sound at high volume without distorting it.

Increasing the volume using COMAND

- Select Volume in the AUX display by turning the COMAND controller and press to confirm.
  A menu appears. The • dot indicates the current setting.
- Select Standard or Boost and press to confirm.
  Standard: the volume of the external video source is adjusted to a standard value.
  Boost: the volume of the external video source is raised by approximately 10 dB.

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COMAND features

These Operating Instructions describe all standard and optional equipment available for your COMAND system at the time of purchase. Country-specific deviations are possible. Please note that your COMAND system may not be equipped with all the features described.

General information

Important safety notes

⚠ WARNING

The RSE CD/DVD player is a Class 1 laser product. There is a danger of invisible laser radiation when you open or damage the cover.

Do not remove the cover. The RSE CD/DVD player does not contain any parts which can be serviced by the user. For safety reasons, have any necessary service work performed by qualified personnel.

⚠ WARNING

The driver should not wear a Rear Seat Entertainment headset while operating the vehicle under any circumstances. The use of a headset while driving the vehicle could drastically impair the ability to react to audible traffic conditions (e.g. emergency sirens from police/fire/ambulance, another car's horn, etc.).

⚠ WARNING

When not in use, headsets or external video sources should be stored in a safe location (e.g. one of the vehicle's storage compartments) so that they are not loose within the passenger compartment during braking, vehicle maneuvers or a traffic accident. Objects moving within the passenger compartment could cause serious personal injury to vehicle occupants.

⚠ WARNING

Due to a potential choking hazard, wired headset usage by children should only occur with adult supervision.

Components

Overview

The Rear Seat Entertainment System comprises:

- two rear-compartment screens behind the front-seat head restraints
- both remote controls (▷ page 170)
- a CD/DVD drive
- AUX jacks on both screens (display AUX) and on the CD/DVD drive (drive AUX)
- two sets of cordless headphones

Rear-compartment screens

① Socket for corded headphones
② Display

Remote control

Overview

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① To switch the screen on/off
② To switch the button lighting on/off
③ To select the screen for the remote control
④ To select a menu or menu item with arrow keys
⑤ To confirm the selection or setting with (OK)
⑥ To switch sound on/off (for corded headphones)
⑦ To adjust the volume (for corded headphones)
⑧ To skip, fast-forward/fast-rewind
⑨ To select a track; direct entry
⑩ To exit a menu (back)

Selecting the screen for the remote control

You can use the remote control to operate one of the two rear screens at a time. To do so, you must switch the remote control to the desired screen.

▶ To select the left-hand screen: turn thumbwheel ③ until "**L** REAR" is highlighted in the window.
▶ To select the right-hand screen: turn thumbwheel ③ until "REAR **R**" is highlighted in the window.

Switching the screen on/off

If the SmartKey is in position **0** or **1** in the ignition lock (see the vehicle Operator's Manual), or the SmartKey is not inserted, the screens in the rear will switch off after 30 minutes. Before the screens switch off, they show a message to this effect.

You can switch the screens back on. However, this will discharge the starter battery.

▶ Point the remote control at the rear-compartment screen which has been selected for remote operation.
▶ Press on/off button ① on the remote control.
The respective rear screen switches on or off.

ⓘ You can only switch the screens on using the remote control if the ignition is switched on.

Switching the button lighting on/off

▶ Press button ② on the remote control.
Depending on the previous status, the button lighting is switched on or off.

ⓘ If you do not use the remote control for about 15 seconds, the button lighting switches off automatically.

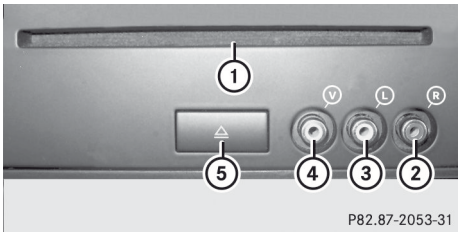
Switching the sound on/off (corded headphones only)

▶ Press button ⑥ on the remote control. The sound is switched on/off.

Selecting a menu/menu item and confirming your selection

▶ Select a menu/menu item using the ◀ ▶ ▲ ▼ buttons and press the OK button to confirm.

CD/DVD drive and AUX jacks



① CD/DVD slot
② AUX, right-hand (R) jack for audio signal (red)
③ AUX, left-hand (L) jack for audio signal (white)
④ AUX, video (V) jack (yellow)
⑤ CD/DVD eject button

The AUX jacks shown are for the AUX drive. Identical jacks can be found on the right-hand side of the rear-compartment screens (display AUX), (▷ page 169).

Cordless headphones

Overview

① Volume control
② To select a screen for the headphones
③ Battery compartment cover
④ To switch the cordless headphones on/off
⑤ Indicator lamp with various displays (▷ page 172)

▶ Open both sides of the headphones and adjust the fit of the headphones by pulling the headphone band in the direction of the arrow.

Switching the cordless headphones on/off

▶ Press button ④.
Depending on the previous status, the headphones are switched on or off.

To save the battery, the headphones are switched off automatically if they do not receive an audio signal within three minutes.

Adjusting the volume of the headphones

▶ Turn volume control ① until the desired volume has been set.

ⓘ If you have connected corded headphones to a rear-compartment screen, you can adjust the volume by pressing buttons ⑦ on the remote control (▷ page 170).

Selecting a screen for the headphones

▶ Move push slider ② to **L** (left-hand screen) or **R** (right-hand screen).

Indicator lamp displays

The color of the indicator lamp shows whether the headphones are switched on or off and indicates the charge level of the batteries inserted.

LED display	Status
Green	The batteries are fine.
Red	The batteries are almost discharged.
Lit continuously	The headphones are switched on and connected to a screen.
Flashing	The headphones are searching for the connection to a screen.
No display (dark)	The headphones are switched off or the batteries are discharged.

Connecting additional headphones

You can connect one additional set of corded headphones to each of the two rear screens (▷ page 169). The socket is designed for headphones with a 1/8" stereo jack plug and an impedance of 32 ohms.

Rear-compartment socket

On vehicles with the Rear Seat Entertainment System, there is a socket in the rear compartment on the center console.

The socket can be used for accessories with a maximum power consumption of 180 W.

Changing batteries

Batteries are required for the remote control and for the two sets of cordless headphones.

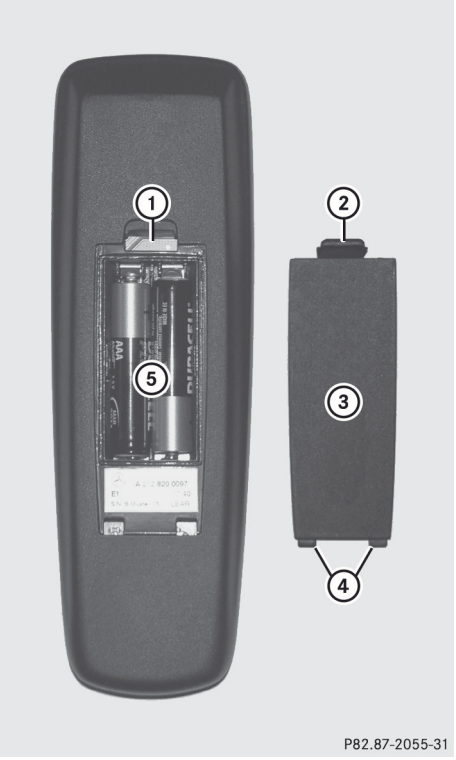
⚠ WARNING

Keep the batteries out of the reach of children. Consult a doctor immediately if a child should swallow a battery.
Do not dismantle, short-circuit or burn a battery.

Environmental note

Dispose of discharged batteries in an environmentally responsible manner.

On the remote control



① Battery compartment
② Catch tab
③ Battery compartment cover
④ Retaining lugs
⑤ Batteries

The remote control contains 2 type AAA, 1.5 V batteries.

▶ **To open the battery compartment:** remove battery compartment cover ③ on the back of the remote control.
▶ To do so, press down retaining lug ② and take off battery compartment cover ③.

- Remove discharged batteries ⑤ from the tray.
- Insert the new batteries. Observe the polarity markings on the batteries and battery compartment when doing so. Left-hand battery: the positive pole (+) must face upwards.
  Right-hand battery: the positive pole (+) must face downwards.
- **To close the battery compartment:** insert battery compartment cover ③ starting with retaining lugs ④ into the battery compartment and allow catch tab ② to engage in place.

On the cordless headphones

The battery compartment cover is located on the left headphone.

① Battery compartment cover

The cordless headphones contain 2 type AAA, 1.5 V batteries.

- **To open the battery compartment:** flip battery compartment cover ① upwards. As you do so, hold the left-hand side of the headphones as shown to prevent the batteries from falling out.
- Remove the discharged batteries from the tray.
- Insert the new batteries. Observe the polarity markings on the batteries and battery compartment when doing so. Left-hand battery: the positive pole (+) must face upwards.
  Right-hand battery: the positive pole (+) must face downwards.
- **To close the battery compartment:** press battery compartment cover downwards until it engages into place. If the batteries have been inserted correctly, the indicator lamp will light up green when the headphones are switched on.

ⓘ The operating duration of the headphones with a set of batteries is up to 40 hours.

Basic functions

Using headphones

ⓘ Vehicles intended for sale in the USA are equipped with cordless headphones. Corded headphones are available for the Canadian and other markets.

You can use the cordless headphones supplied and/or up to two sets of corded headphones connected to the corresponding jack of the rear-compartment screens (▷ page 169).

Information on:

- switching the cordless headphones on/off
- adjusting the volume of the headphones
- selecting a screen for the headphones

can be found in the Cordless headphones section (▷ page 172).

Using the main loudspeakers

This function is available in conjunction with COMAND.

You can use the vehicle loudspeakers to listen to a disc inserted in the rear-compartment drive. To do so, at least one of the rear-compartment screens must be set to disc mode.

▶ **To set using COMAND:** press, for example, the RADIO function button to switch on an audio mode.

▶ Select Audio by sliding ↑◎ the COMAND controller and press ◎ to confirm. The Audio menu appears.

▶ Select Rear by turning ◎ the COMAND controller and press ◎ to confirm.

ⓘ The headphones' volume setting does not affect the main loudspeakers.

Adjusting the sound settings

You can select the sound settings in the audio CD/DVD/MP3, video DVD and AUX modes.

▶ Switch on an operating mode (e.g. audio CD mode) (▷ page 178).

▶ Select Treble or Bass using the ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm. An adjustment scale appears.

▶ Select a setting using the ▲ ▼ buttons and press the OK button to confirm.

Multiple users

Simultaneous use of the rear-compartment disc drive

The two rear-compartment screens can be operated almost entirely independently from one another. However, there can be a conflict in some menus if the two screens are used simultaneously.

If the rear-compartment disc drive is being used for both screens simultaneously, selecting certain menus or settings on one of the screens also affects the other screen.

The following functions affect both screens:

- changing playback options
- selecting a track (from a track list or folder)
- using the play, pause and stop functions
- fast forwarding/rewinding or scrolling
- calling up the DVD menu and navigating within it
- setting the language, subtitles and camera angle
- calling up interactive DVD content

The following functions affect only one screen:

- audio and video functions as well as picture settings
- switching between full screen and the menu

Switching between operating modes

When you exit an operating mode (e.g. audio CD mode), the current setting is saved. If you call up this operating mode again later, there are two possibilities:

- the operating mode has been changed on the other screen.
- the operating mode has not been changed.

In the first case, the operating mode appears as it is on the other screen.

In the second case, the setting appears on the screen as it was when you last exited the operating mode.

Picture settings

Overview

You can select these settings in video DVD and AUX mode. Instructions for AUX mode are detailed later (▷ page 186).

Adjusting the brightness, contrast and color

▶ Switch on video DVD mode (▷ page 182).

▶ **To show the menu:** press the OK button on the remote control.

or

▶ Select Menu while the navigation menu (▷ page 160) is shown and press the OK button to confirm.

- In both cases, select DVD-Video using the ▼ ◀ ▶ buttons and press the OK button to confirm.
- Select Brightness, Contrast or Color using the ▲ ▼ buttons and press the OK button to confirm.
  An adjustment scale appears.
- Select a setting using the ▲ ▼ buttons and press the OK button to confirm.

Changing the picture format

- **To show the menu:** press the OK button on the remote control.

or

- Select Menu while the navigation menu (▷ page 160) is shown and press the OK button to confirm.
- Select DVD-Video using the ▼ ◀ ▶ buttons and press the OK button to confirm.
  The dot in front of one of the menu items 16:9 optimized, 4:3 or Widescreen indicates the format currently selected.
- Select a format using the ▲ ▼ buttons and press the OK button to confirm.

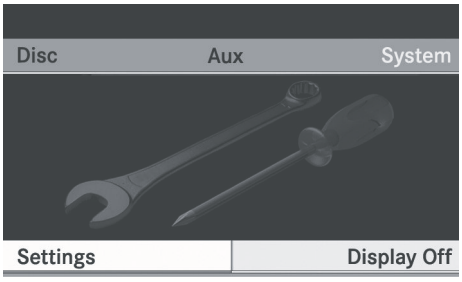
System settings

Note

You can adjust almost all system settings individually for each screen without affecting the other screen. Use the remote control to adjust the settings.

Selecting the display language

- Select System using the ▲ ◀ ▶ buttons on the remote control and press OK to confirm.
  You see the system menu on the selected rear screen.



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- Select Settings with the ▼ button and press the OK button to confirm.
- Select Language using the ▲ ▼ buttons and press the OK button to confirm.
  The list of languages appears. The • dot indicates the current setting.
- Select a language using the ▲ ▼ buttons and press the OK button to confirm.
  The Rear Seat Entertainment System activates the selected language.

Switching the display design

- Select Settings with the ▼ button and press the OK button to confirm.
- Select Day Mode, Night Mode or Automatic using the ▲ ▼ buttons and press the OK button to confirm.
  The dot in front of the menu item indicates the currently selected setting.

Design	Explanation
Day Mode	The display is set permanently to day design.
Night Mode	The display is set permanently to night design.
Automatic	The display design changes depending on the vehicle instrument cluster illumination.

Setting the brightness

▶ Select Settings with the ▼ button and press the OK button to confirm.

▶ Select Brightness using the ▲ ▼ buttons and press the OK button to confirm. A scale appears.

▶ Adjust the brightness using the ▲ ▼ buttons and press the OK button to confirm. The brightness bar moves up or down. The picture becomes lighter or darker in accordance with the scale.

Showing/hiding the picture

▶ **To hide the picture:** select Display Off in the system menu using the ▼ ▶ buttons on the remote control and press the OK button to confirm.
The picture is hidden.

▶ **To display the picture:** press the OK button.

Audio CD/DVD and MP3 mode

Safety note

⚠ WARNING

The RSE CD/DVD player is a Class 1 laser product. There is a danger of invisible laser radiation when you open or damage the cover.

Do not remove the cover. The RSE CD/DVD player does not contain any parts which can be serviced by the user. For safety reasons, have any necessary service work performed by qualified personnel.

General information

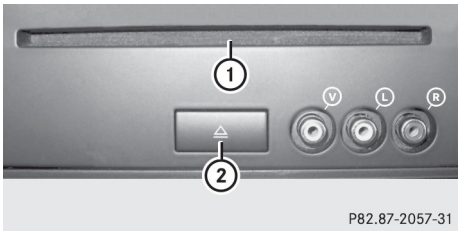
You will find information on the following topics in the Audio section:

- notes on CDs/DVDs (▷ page 140)
- notes on MP3 mode (▷ page 139)
- notes on copyright (▷ page 140)

Inserting a CD/DVD

The CD/DVD drive is located:

- in the center under the rear seats in vehicles with a rear bench seat that can be folded up
- in the armrest between the rear seats in vehicles without a rear bench seat that can be folded up



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① Disc slot
② Eject button

The CD/DVD drive is a single disc drive. If there is already a disc inserted, this must be ejected before another is inserted.

▶ Insert a disc into the disc slot.
The printed side of the disc must face upwards. If neither side of the disc is printed, the side you wish to play must face downwards.
The CD/DVD drive draws in the disc.

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The CD/DVD drive plays the disc:

- if it has been inserted correctly and is a permissible disc, and
- after you have switched on disc mode (audio CD/DVD/MP3 mode)

Data on an MP3 CD first needs to be loaded by the drive. Loading may take some time, depending on the number of folders and tracks.

Removing a CD/DVD

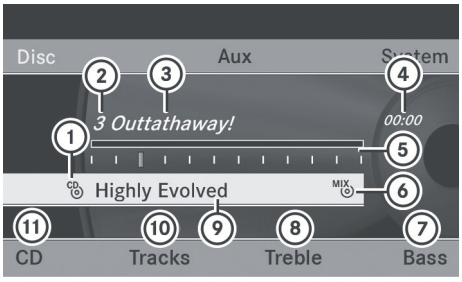
▶ Press the ⏏ eject button.
The drive ejects the disc.

▶ Take the disc out of the slot.
If you do not take the disc out of the slot, the drive will draw it in again automatically after a short while.

Switching to audio CD, audio DVD or MP3 mode

▶ Insert a CD/DVD (▷ page 178).
The Rear Seat Entertainment System loads the inserted disc.

▶ Select Disc in the menu using the ▲ ◀ ▶ buttons on the remote control and confirm by pressing the OK button.
The corresponding mode is switched on. The Rear Seat Entertainment System plays the disc.



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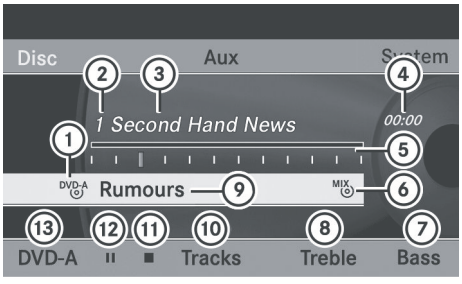
Example display: audio CD mode

① Type of data medium CD
② Track number
③ Track name (only if stored on the disc as CD text)
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")
⑦ Sets the bass
⑧ Sets the treble
⑨ Disc name (only if stored on the disc as CD text)
⑩ Calls up the track list
⑪ Playback options



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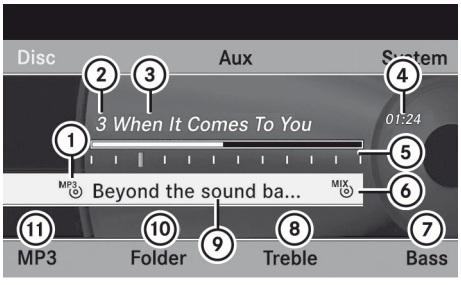
Example display: audio DVD mode

① Type of data carrier DVD-A
② Track number
③ Track name (if available)
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")

⑦ Sets the bass
⑧ Sets the treble
⑨ Disc name (if available)
⑩ Calls up the track list
⑪ Stop function
⑫ Pause function
⑬ Playback options



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Example display: MP3 mode
① Type of data medium MP3
② Track number
③ Track name
④ Track time
⑤ Graphic time and track display
⑥ Current playback settings (no symbol for "Normal track sequence")
⑦ Sets the bass
⑧ Sets the treble
⑨ Disc name or current folder
⑩ Calls up the folder list
⑪ Playback options, to switch track information on/off

For MP3 tracks with a variable bit rate, the elapsed track time shown can be different to the actual elapsed playback time.

Selecting a track

Selecting by skipping to a track

▶ **To skip forwards or backwards to a track:** press the ◀ or ▶ button on the remote control.

or

▶ Press the ⏮ or ⏭ button.
The skip forward function skips to the next track.

Skipping backwards restarts the current track (if it has been playing for more than eight seconds) or starts the previous track (if the current track has only been playing for a shorter time).

If you have selected the playback options `Random tracks` or `Random folder`, the track order is random.

Selecting by track list

In audio CD mode, the track list contains all tracks on the disc currently playing.

In audio DVD mode, the track list contains all tracks in the currently active group; see "Setting the audio format" (▷ page 138).

In MP3 mode, the track list shows all tracks in the currently active folder as well as the folder structure, allowing you to select any track on the MP3 CD.

▶ Select `Track list` (audio CD/DVD mode) or `Folder` (MP3 mode) using the ▼ ◀ ▶ buttons on the remote control, and confirm by pressing the OK button.

or

▶ Press the OK button when the display/selection window is selected.
The track list appears. The • dot indicates the current track.

▶ Select a track using the ▲ ▼ buttons and press the OK button to confirm.

Making a selection by entering the track number directly

▶ Press the [*] button on the remote control.
The track entry display appears.

Example: track 2

▶ Press the [2 ABC] number button.

Example: track 12

▶ Press the corresponding number keys in rapid succession.

ⓘ It is not possible to enter numbers that exceed the number of tracks on the CD or in the currently active folder.

▶ Wait for approximately three seconds after making the entry.
You will hear the track which has been entered. The corresponding basic menu then reappears.

Fast forwarding/rewinding

▶ With the display/selection window active, press the [◀] or [▶] button on the remote control repeatedly until you reach the desired position.

or

▶ Press and hold the [⏮] or [⏭] button until the desired position is reached.

Selecting a folder

This function is only available in MP3 mode.

▶ Select Folder in MP3 mode using the [▼] [◀] [▶] buttons on the remote control and press the [OK] button to confirm.

or

▶ Press the [OK] button when the display/selection window is selected.
The folder content appears.

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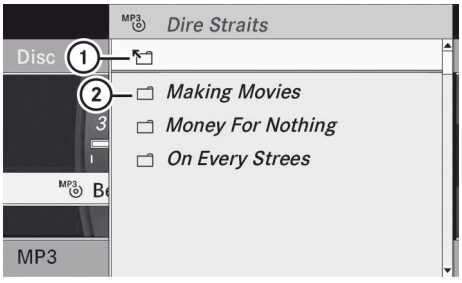
① Folder selection symbol
② Current folder name
③ Track symbol

▶ **To switch to the superordinate folder:** select icon ① using the [▲] [▼] buttons on the remote control and press the [OK] button to confirm.
The display shows the next folder up.



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① Folder selection symbol
② Folder icon

▶ Select a folder using the [▲] [▼] buttons and press the [OK] button to confirm.
You will see the tracks in the folder.

▶ Select a track using the [▲] [▼] buttons and press the [OK] button to confirm.
The track is played and the corresponding folder is now the active folder.

Pause function

This function is only available in audio DVD mode.

- **To pause playback:** select ⏸ using the ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm. The ⏸ display changes to ▶.
- **To continue playback:** select ▶ and press the OK button to confirm. The ▶ display changes to ⏸.

Stop function

This function is only available in audio DVD mode.

- **To interrupt playback:** select ■ using the ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm. The ⏸ display changes to ▶.
- **To continue playback:** select ▶ and press the OK button to confirm. Playback continues from the point where it was interrupted.
- **To stop playback:** while playback is interrupted, select ■ again and press the OK button to confirm. Playback stops and returns to the beginning of the DVD. ▶ is highlighted.
- **To restart playback:** select ▶ and press the OK button to confirm. Playback starts from the beginning of the DVD.

Setting the audio format

Further information on audio formats is available in the "Audio" section (▷ page 138).

- Select DVD-A using the ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm.
- Select Group using the ▲ ▼ buttons and press the OK button to confirm. The list of available audio formats appears. The • dot indicates the format currently selected.
- Select an audio format using the ▲ ▼ buttons and press the OK button to confirm.
- **To exit the menu:** press the ◀ or ▶ button.

Playback options

Further information on playback options is available in the "Audio" section (▷ page 138).

- Select CD, DVD-A or MP3 using the ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm. The options list appears. The • dot indicates the option currently selected.
- Select Normal track sequence, Random tracks or Random folder using the ▲ ▼ buttons and press the OK button to confirm. The option is switched on. For all options except Normal track sequence, you will see a corresponding display in the display/selection window.

ⓘ If you change the disc, the Normal track sequence option is activated automatically. If an option is selected, it remains selected after the Rear Seat Entertainment System is switched on or off.

Switching track information on/off (MP3 mode only)

If the function is switched on, folder and track names are displayed.

If the function is switched off, disc and file names are displayed.

- Select MP3 using the ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm.

▶ Select Display track information using the ▲ ▼ buttons and press the OK button to confirm.
The function is switched on ☑ or off ☐, depending on the previous status.

Video DVD mode

General information

Here you will find further information on the following topics:

- safety notes (▷ page 129)
- notes on DVDs (▷ page 158)

DVD playback conditions

Playback problems may occur when playing copied discs. There is a large variety of discs, DVD authoring software, writing software and writers available. This variety means that there is no guarantee that the Rear Seat Entertainment System will be able to play video DVDs that you have copied yourself.

You will find further information in the Video section (▷ page 159). Information regarding COMAND also applies to the Rear Seat Entertainment System.

Function restrictions

Depending on the DVD, it is possible that certain functions or actions described in this section will be temporarily blocked or may not function at all. As soon as you try to activate these functions or actions, you will see the ⃠ symbol in the display.

Inserting and removing a CD/DVD

▶ Proceed as described in the "Audio CD/DVD and MP3 mode" section (▷ page 177).

Switching to video DVD mode

▶ Insert a video DVD.
The Rear Seat Entertainment System loads the disc.

If disc mode was the last mode selected, it will now be active.

If it was not, switch on video DVD mode as described in the following instruction.

▶ Select Disc in the menu using the ▲ ◀ ▶ buttons on the remote control and confirm by pressing the OK button.
If the video DVD fulfills the playback criteria, the film either starts automatically or the menu saved on the DVD appears. If the DVD menu appears, you must start the film manually.

▶ Select the corresponding menu item in the DVD menu.

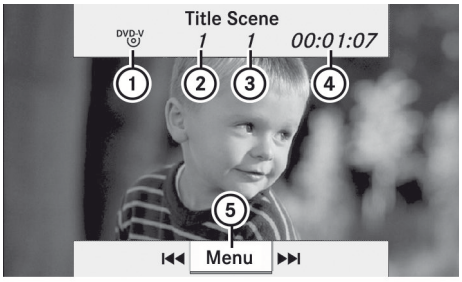
Hiding/showing the navigation menu

▶ **To show:** press the ▲ or ▼ button on the remote control.

▶ **To hide:** press the ▲ or ▼ button.

or

▶ Wait for approximately eight seconds.



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Navigation menu
① Disc type
② Current title
③ Current scene

④ Track time
⑤ Shows the menu

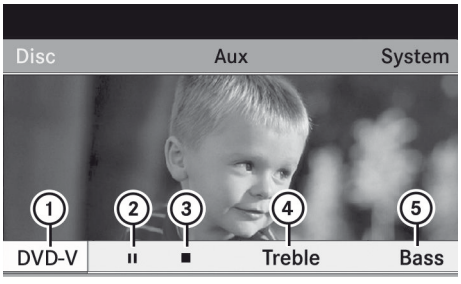
Showing/hiding the menu

▶ **To show:** press the OK button on the remote control.

or

▶ Select Menu while the navigation menu is shown and press the OK button to confirm.

▶ **To hide:** press the ▲ button, select Full screen and press the OK button to confirm.



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Menu
① Video DVD options
② Pause function
③ Stop function
④ Sets the treble
⑤ Sets the bass

Fast forwarding/rewinding

▶ Press and hold the ⏮ or ⏭ button on the remote control until the desired position has been reached.
You see the navigation menu.

Pause function

▶ **To show the menu:** press the OK button on the remote control.

or

▶ Select Menu while the navigation menu is shown and press the OK button to confirm.

▶ **To pause playback:** select ⏸ and press the OK button to confirm.
The ⏸ display changes to ▶.

▶ **To continue playback:** select ▶ and press the OK button to confirm.
The menu is hidden.

Stop function

▶ **To show the menu:** press the OK button on the remote control.

or

▶ Select Menu while the navigation menu is shown and press the OK button to confirm.

▶ **To interrupt playback:** select ■ and press the OK button to confirm.
The ⏸ display changes to ▶. The video image is hidden.

▶ **To continue playback:** select ▶ and press the OK button to confirm.
Playback continues from the point where it was interrupted. The menu is hidden.

▶ **To stop playback:** while playback is interrupted, select ■ again and press the OK button to confirm.
Playback stops and returns to the beginning of the DVD. ▶ is highlighted.

▶ **To restart playback:** select ▶ and press the OK button to confirm.
Playback starts from the beginning of the DVD.

Selecting a scene/chapter

Note

Further information on this function is available in the "Video" section (▷ page 162).

Skipping forwards/backwards

- Press the ◀ or ▶ button on the remote control.

or

- Press the ⏮ or ⏭ button.
  The navigation menu (▷ page 160) appears for approximately eight seconds.

Selecting a scene/chapter directly

The examples illustrate how to select scene/chapter 5.

- **Option 1:** while the film is playing, press the * button on the remote control.
- Press the corresponding number key, such as 5 JKL.
- **Option 2:** while the film is playing, press the OK button on the remote control and show the menu.
- Select DVD-V and press the OK button to confirm.
- Select DVD functions and press the OK button to confirm.
- Select Scene selection and press the OK button to confirm.
- Select 5 using the ▲ or ▼ button and press the OK button to confirm.
  In both cases, playback will begin from the fifth scene/chapter after a brief pause.

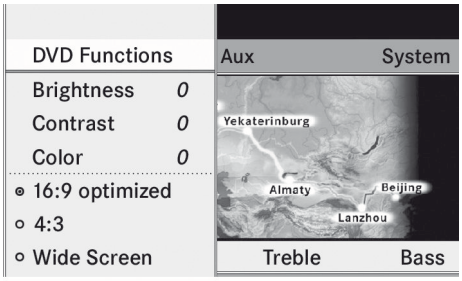
Selecting a film/title

Note

Further information on this function is available in the "Video" section (▷ page 162).

Option 1

- Press the OK button on the remote control and show the menu.
- Select DVD-V and press the OK button on the remote control to confirm.



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- Select DVD functions and press the OK button to confirm.
- Select Title selection and press the OK button to confirm.
- **To call up the selection list:** press the OK button.
- Select a film/track.

Option 2:

Example: selecting film 2

- Press the 2 ABC button.
  After a brief pause, the second film is played.

DVD menu

Note

You will find further information on the DVD menu in the "Video" section (▷ page 162).

Calling up the DVD menu

- Press the OK button on the remote control and show the menu.
- Select DVD-V and press the OK button on the remote control to confirm.

- Select DVD functions and press the OK button to confirm.
- Select Menu and press the OK button to confirm.
  The DVD menu appears.

Selecting menu items in the DVD menu

- Select a menu item using the ▲ ▼ ◀ ▶ buttons on the remote control and press the OK button to confirm.
  A menu appears.

Menu items which cannot be selected are shown in gray.

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- Confirm Select by pressing the OK button.
  The Rear Seat Entertainment System executes the action or shows a submenu.
- If available, additional options can now be selected.
  The Rear Seat Entertainment System then switches back to the DVD menu.

Depending on the DVD, the menu items: Back (to the movie), Play, Stop, |◀◀, ▶▶|, or Go up may either not function at all or may not function at certain points in the DVD menu. To indicate this, the ⃠ symbol appears in the display.

Stopping a film or skipping to the beginning or end of a scene

- Select any menu item from the DVD menu. The menu appears.
- **To stop the film:** select the Stop menu item and press the OK button on the remote control to confirm.
- **To skip to the end of a scene:** select the ▶▶| menu item and press the OK button to confirm.
- **To skip to the beginning of a scene:** select the |◀◀ menu item and press the OK button to confirm.

Moving up one level in the DVD menu

- **Option 1:** press the ⮌ back button on the remote control or select the corresponding menu item in the DVD menu.
- **Option 2:** select any menu item in the DVD menu.
- Select the Go up menu item in the menu and press the OK button to confirm.

Back to the film

- **Option 1:** press the ⮌ back button on the remote control repeatedly until you see the film or select the corresponding menu item in the DVD menu.
- **Option 2:** select any menu item in the DVD menu and press the OK button to confirm.
- Select the Back (to the movie) menu item in the menu and press the OK button to confirm.

Setting the audio format

This function is not available on all DVDs. If it is available, you can set the audio language or the audio format. The number of settings is determined by the DVD content. It is

possible that the settings may also be accessed from the DVD menu.

- ▶ Press the ⓞⓚ button on the remote control and show the menu.
- ▶ Select DVD-V and press the ⓞⓚ button on the remote control to confirm.
- ▶ Select DVD functions and press the ⓞⓚ button to confirm.
- ▶ Select Audio language and press the ⓞⓚ button to confirm.
  A menu appears after a short while. The • dot in front of an entry indicates the currently selected language.
- ▶ Select a language using the ▲ ▼ buttons and press the ⓞⓚ button to confirm.
- ▶ **To exit the menu:** press the ◀ or ▶ button.

Subtitles and camera angle

These functions are not available on all DVDs. The number of subtitle languages and camera angles available depends on the content of the DVD. It is possible that the settings may also be accessed from the DVD menu.

- ▶ Press the ⓞⓚ button on the remote control and show the menu.
- ▶ Select DVD-V and press the ⓞⓚ button on the remote control to confirm.
- ▶ Select DVD functions and press the ⓞⓚ button to confirm.
- ▶ Select Subtitles or Camera angle and press the ⓞⓚ button to confirm.
  In both cases, a menu appears after a few seconds. The • dot in front of an entry indicates the current setting.
- ▶ Select a setting using the ▲ ▼ buttons and press the ⓞⓚ button to confirm.
- ▶ **To exit the menu:** press the ◀ or ▶ button.

Interactive content

DVDs can also contain interactive content (e.g. a video game). In a video game, you may be able to influence events by selecting and triggering actions. The type and number of actions depend on the DVD.

- ▶ Select an action using the ▲ ▶ ▼ ◀ buttons on the remote control and press the ⓞⓚ button to execute it.
  A menu appears and the first entry, Select, is highlighted.
- ▶ Press the ⓞⓚ button.

AUX mode

Introduction

You can connect one external video source to each of the displays of the Rear Seat Entertainment System (AUX display) and also one external video source to the rear-compartment CD/DVD drive (AUX drive) with a sound and video signal.

Please see the corresponding operating instructions for information on how to operate the external video source.

Connecting AUX equipment

AUX drive

The AUX drive jacks are located on the CD/DVD drive next to the CD/DVD eject button (▷ page 171).

Displaying AUX

The AUX display jacks are on the side of the screen (▷ page 169).

Audio and video connection

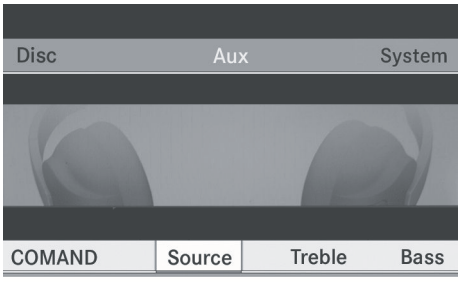
- ▶ Insert the audio plugs for the left and right signals into the corresponding **L** and **R** jacks.

▶ Insert the video plug into the **V** jack.

Activating AUX mode

AUX drive

▶ Select AUX in the menu using the ▲ ◀ ▶ buttons on the remote control and press the OK button to confirm. The AUX menu appears.



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AUX menu

▶ Select Source from the AUX menu and press the OK button to confirm.

▶ Select Disc drive Aux and press the OK button to confirm.
You will hear and see the content of the external video source if it is connected to the CD/DVD drive and switched to playback. If no video image is available from the AUX source connected, you will see an audio menu.

Displaying AUX

▶ Select the screen to which an external video source is connected and which you would like to operate with the remote control (▷ page 170).

▶ Select AUX in the menu using the ▲ ◀ ▶ buttons on the remote control and press the OK button to confirm.

▶ Select Source from the AUX menu and press the OK button to confirm.

▶ Select Display Aux and press the OK button to confirm.
You will see and hear the content of the video source if it is switched to playback. If no video image is available from the AUX source connected, you will see an audio menu.

Selecting the active COMAND source

▶ Select AUX in the menu using the ▲ ◀ ▶ buttons on the remote control and press the OK button to confirm.

▶ Select Source from the AUX menu and press the OK button to confirm.

▶ Select COMAND and press the OK button to confirm.
The audio or video mode selected in COMAND is transmitted to the Rear Seat Entertainment System.

Operation with an active COMAND source

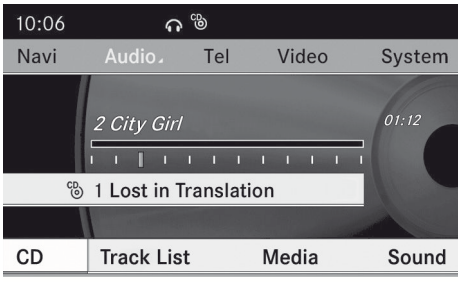
You can transfer an audio or video mode selected in COMAND to the Rear Seat Entertainment System.

ⓘ If you then switch modes in COMAND, the new source will not be transmitted to the Rear Seat Entertainment System.

▶ **To switch on the function in COMAND:** switch on the desired audio mode in COMAND or show the menu in video DVD mode.

▶ Select the menu item at the bottom left, e.g. CD in audio CD mode, by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.

▶ Select Active audio/video source in rear and press ◎ to confirm.



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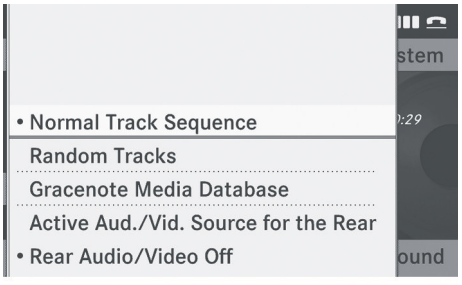
In the status bar at the top, you will see the headphones icon and the CD icon for the source that has been switched on.

- **To switch off the function in COMAND:** switch on the desired audio mode in COMAND or show the menu in video DVD mode.
- Select the menu item at the bottom left, e.g. CD in audio CD mode, by sliding ◎ and turning ◎ the COMAND controller and press ◎ to confirm.



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- Select Rear audio/video off CD and press ◎ the COMAND controller to confirm.

Adjusting the brightness, contrast or color

- Select Source in the rear-compartment screen and press the OK button on the remote control to confirm.
- Select Display Aux or Disk drive Aux and press the OK button to confirm.
- Select Brightness, Contrast or Color and press the OK button to confirm. An adjustment scale appears.
- Select a setting using the ▲ or ▼ button and press the OK button to confirm.

Changing the picture format

- Select Source in the AUX menu and press the OK button on the remote control to confirm.
- Select Display Aux or Disk drive Aux and press the OK button to confirm.
- Select 16:9 optimized, 4:3 or Widescreen using the ▲ ▼ buttons and press the OK button to confirm. The dot in front of a menu item indicates the current setting.

Publication details

Internet

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

http://www.mercedes-benz.com

http://www.daimler.com

Editorial office

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

Daimler AG, HPC: R822, D-70546 Stuttgart, Germany

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