

COMAND APS

Operating Instructions

Symbols

* Optional equipment/optional

 Φ Environmental note

Possible vehicle damage

1 Tip

Instruction

(⊳ page) Page reference

Display Message in the multi-function dis-

play

Thank you for choosing the Mercedes-Benz COMAND control panel.

First of all, familiarise yourself with your COMAND control panel and read these Operating Instructions. This will help you to obtain the maximum pleasure from your COMAND control panel and to avoid endangering yourself and others.

Depending on model and equipment level, the functions and equipment of your COMAND control panel may deviate from certain descriptions and illustrations. Items of optional equipment are marked with an asterisk *.

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 these Operating Instructions.

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

These Operating Instructions are considered part of the vehicle. You should always keep them in the vehicle and pass them on to the new owner if you sell the vehicle.

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

COMAND_AKB; 2; 4, en-GB d2inschm,

2008-10-31T12:23:55+01:00 - Seite 2 Version: 2.11.4

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Introduction

About this booklet

These operating instructions will assist you in operating your COMAND control panel in all situations. You will find all the necessary information in the following sections.

At a glance

Here, you will find an overview of COMAND's components. After that you will find examples of how to operate COMAND and information about its basic functions. If you are using COMAND for the first time, or have hired the vehicle, you should read this section first.

System settings

Here you will find all important information about COMAND system settings.

Navigation system

Here you will find detailed information on the following topics:

- Handling the map as well as setting options for map display and route calculation
- Destination input
- Entering a special destination
- · Route guidance
- Dynamic route guidance
- Destination memory
- Previous destinations

Telephone

Telephone functions are described here. You will also find information on the following topics:

- Text messages (SMS)
- Address book
- Mercedes-Benz Contact

Audio

Here you will find information regarding audio functions for the radio, DAB radio*, audio CD/DVD/MP3, Music Register, Media Interface* and audio AUX modes*.

Video

Here you will find information on the TV*, video DVD and video AUX modes.

Rear-seat entertainment system*

Here you will find information on the rear-seat entertainment system and the audio CD/ DVD/MP3, TV*, video DVD and AUX operating modes.

Operating safety

Risk of accident

Your attention must always be focused on the traffic conditions.

Only use COMAND or the telephone when the road and traffic conditions permit.

Bear in mind that, at a speed of only 50 km/h, your vehicle covers a distance of nearly 14 m per second. The navigation system will not provide you with information about stop signs, give-way signs, traffic regulations or road safety features. It is up to you to pay attention to these while driving the vehicle. Only enter a new destination when the vehicle is stationary.

Dear radio user,

This radio can be operated by anyone in accordance with the relevant EC directive. The device conforms to currently applicable European or harmonised national standards.

This guarantees that the equipment conforms to the relevant specifications regarding electromagnetic compatibility.

As a result, interference caused by your equipment to other electrical/electronic equipment and interference to your equipment caused by other electrical/electronic equipment can be largely prevented.

The equipment is approved by the vehicle manufacturer in accordance with European Automotive EMC Directive 95/54/EC. This means that the equipment in your vehicle is authorised for use according to the given regulations. The equipment does not require certification.

The equipment conforms to the relevant equipment-specific EMC specifications in accordance with the following European standards:

EN 55013

EN 55020

Declaration of conformity for bringing telecommunication devices onto the market

Daimler AG hereby confirms that this device is compliant with the basic requirements and all other relevant regulations stipulated by Directive 1999/5/EC (RTTE Directive).

Correct use

Observe the following information when using COMAND:

- the safety notes in this manual
- national road traffic regulations
- i 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. Electronics malfunctions can seriously compromise the operational safety of your vehicle.

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

Function restrictions while the vehicle is in motion

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

^{*} optional

FCC/IC Notices

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of this device.

CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAUTION:

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

CAUTION:

This equipment complies with FCC/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

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	Function	Page
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2	COMAND control panel with a single DVD drive or DVD changer*	16
3	COMAND controller Back button (left) Delete button (right)	18 20 21

Components of COMAND

COMAND consists of:

- the COMAND display
- the COMAND control panel with a single DVD drive or DVD changer*
- the COMAND controller with back and delete buttons

You can use COMAND to operate the following main functions:

- the navigation system
- the audio functions in the following modes: radio, DAB radio, disc (CD audio, DVD audio or MP3 mode), PCMCIA memory card (MP3 mode), Music Register, Media Interface* and audio AUX
- the telephone with text message (SMS) function and the address book
- the video function in TV*, video DVD and video AUX modes
- the system settings

You can call up the main functions:

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

COMAND display

General notes

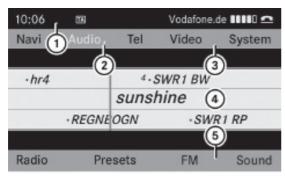
Do not use the space in front of the display for stowage. Objects placed here could damage the display or impede its functioning. Avoid touching the surface of the display. Pressure exerted on the surface of the display can have an irreversible, detrimental effect on the display.

Wearing polarised sunglasses may impair your vision of the display.

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

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.



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- (1) Status bar
- (2) Calling up the audio menu
- (3) Main functions menu bar
- 4) Display/selection window
- (5) Menu bar for the selected main function or operating mode

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

The small ② triangle indicates that the audio menu can be called up (▷ page 130).

You can call up the desired main function from the menu bar (3).

Select the function with the COMAND controller (> page 18).

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

1 The layout of the menus may vary depending on the vehicle's equipment. The menus for a fully equipped vehicle are shown in these instructions.

Menu overview

After a selecting a main function in menu item (3), you find the corresponding menu at the bottom edge of COMAND display (5).

Additional menus are available for the main functions - navigation, audio, telephone and video - at the top of COMAND display (2).

You can call up the system menu (▷ page 36) via System and make system settings there.

Navi	Audio	Tel	Video
Mode	Radio (including DAB radio*)	Telephone	TV*
Map orientation	Disc	Address book	Video DVD
Special destination icons on map	Memory card		AUX*
Text information on map	Music Register		
✓ Switching topographical map on or off	Media Interface*		
✓ Switching motorway information on/off	Rear*		
✓ Reading out the TMC messages automatically	AUX		

* optional ⊳⊳

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Navi Audio Tel Video ✓ Activating or deactivating volume limiter Avoiding an area

COMAND operating system

You can determine basic settings for map display, route calculation and route guidance under Navigation.

1 You can call up functions such as destination entry and the destination memory at the bottom of the COMAND display in the Navigation menu bar (▷ page 46).

In the Audio main function, you can switch modes in the audio menu (> page 130). In the Telephone main function, you can choose between telephone mode and the address book.

In the video menu (▷ page 166), you can switch between TV* and DVD video mode. You can select Aux instead of TV* if your vehicle is equipped with an audio/video cable set for the Media Interface* (▷ page 157).

Cleaning instructions

The display must be switched off and have cooled down before you start cleaning. Clean

the display surface when needed with a commercially-available microfibre cloth and cleaning agent for TFT/LCD displays. Then dry the surface with a dry microfibre cloth. Avoid using alcoholic thinners, petrol or abrasive cleaning agents. These could damage the display surface. Do not apply pressure to the display surface when cleaning it as this could cause irreversible damage.

COMAND control panel

The COMAND control panel allows you to:

- switch COMAND on/off
- adjust the volume
- select the main function/mode directly
- enter telephone numbers and accept, reject, initiate and end calls
- load or eject CDs/DVDs or a PCMCIA memory card



	Function	Page
1	Switches to radio mode	130
	Switches wavebands Switches to DAB radio	132
	mode*	132
2	Switches to audio CD, audio DVD or MP3 mode	146
	Switches to video DVD mode Switches to the Music Reg-	176
	ister Switches to Media Inter-	153
	face* mode	159
3	Load/eject button	
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	Loads CD/DVD	141
	Ejects CD/DVD	143
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	station search function	135
	Rewind	150, 177
	Selects the previous track	149
		177
6	Switches COMAND on/off	27
	Adjusts the volume	27
7	Selects the station or station list (FM and DAB radio	
	mode*)	134
	Selects stations using the	
	station search function	135
	Fast forward	150,
		177
	Selects the next track	149
8	Delete button	
	Deleting individual charac-	0.1
	ters Deletes an entire entry	21
	Deletes an entire entry	/

* optional

	Function	Page
9	Number keypad Selects stations via the station presets Stores stations manually Authorises mobile phone PIN entry (Convenience telephony*) Telephone number entry DTMF tone transmission	135 136 99 102 114 116
	Enters characters (direct entry)	24
10	PCMCIA memory card slot	142
(11)	Eject button for the PCMCIA memory card	144
12	Confirms PIN (Convenience telephony*) Accepts a call Dials a call Redials Accepts a waiting call	102 113 114 114 116
13	Rejects a call Ends an active call Rejects a waiting call	113 116 116
14)	Calls up the system menu	36
15)	Switches the sound on/off Pause function	27 148, 177
	Switches the hands-free microphone on/off Cancels the SMS* text message read-aloud function	115
	Mutes traffic and navigation announcements	27

	Function	Page
16	Calls up the telephone basic menu: Telephony via the Bluetooth® interface	101
	Convenience telephony*	103
17	Switches to navigation mode	47

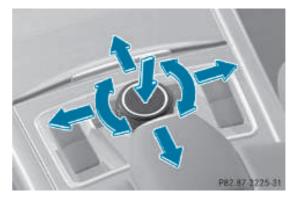
COMAND controller



(1) COMAND controller

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

You can call up menus and lists, move within menus or lists and exit menus and lists in this way.



COMAND controller operation

The COMAND controller can be:

- pressed briefly or pressed and held 🔊
- turned clockwise or anti-clockwise 🕻 🔘 🕽

- slid to the left or right ←⊙→
- slid forwards or backwards 🔾 👢

In the instructions, operating directions are described as follows:

- ► Press the RADIO button.

 Radio mode is switched on.
- ► Select Radio in the lower menu item if, for example, the FM radio display is shown.
- ► **Select** Station list.
- ► Turn () or slide • the COMAND controller.

This moves the selection bar to the Station list menu item.

► Press the ⑤ COMAND controller.

This confirms your selection. The station list appears.

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COMAND operating system

Sym- bol	COMAND controller operation	Function (examples)
	Press briefly	 Confirms the menu item or list entry Shows/hides the menu system (e.g. when using navigation or video functions)
	Press and hold until the selected action is carried out	Accepts a destination in the navigation system
(©)	Turn	 Moves in menus or lists Scrolls through text Makes settings
1 0 1	Slide	 Moves in menus or lists Exits menus
	Slide and hold	Moves in the navigation map
← ◎→	Slide	 Moves in menus Exits lists Switches to the next/previous track
	Slide and hold	 Quicker fast-forward or rewind during CD or DVD playback Moves in the navigation map
	Slide and hold	Moves in the navigation map

Back button



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.
- ① You can also exit a menu by sliding the COMAND controller ← → or ↑ ↓.
- ► To switch to the basic display: press and hold the ① button.
 - COMAND changes to the basic display of the current operating mode.

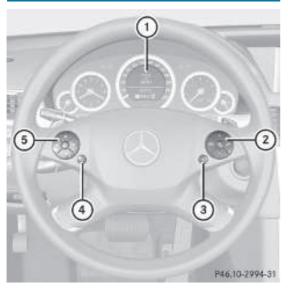
Delete button



- ① Delete button
- ► To delete an individual character: press Delete button ① briefly.
- ► To delete an entire entry: press and hold Delete button ①.

At a glance

Multifunction steering wheel



Example display: E-Class

	Function	Page
1	Multi-function display, see vehicle Owner's Manual	
2	Accepts or rejects/ends calls Image: Accepts or rejects/ends calls Image: Accepts/ends calls Im	113
	reduces volume Switches the sound	27
	on/off	27
	Switches RDS announcements on or off Interrupts voice control, see separate operating instructions	137
3	Switches on voice control, see separate operating instructions	
4	Press briefly: back, switches off voice control and hides display messages Press and hold: selects standard display, see vehicle Owner's Manual	

	Function	Page
5	Calls up the menu line and selects menus Press briefly:	135
	selects submenus in the multi-function display or scrolls through lists. In the	
	Audio menu, selects a	136,
	stored radio station or TV channel*, an audio track or	149, 169,
	a video scene.	178
	In the Tel (telephone) menu, switches to the phone book and selects a name or telephone number.	115
	▲ ▼ Press and	
	hold: in the Audio menu, selects a radio station or TV	
	channel* from the list,	135,
	selects an audio track or video scene by rapid scroll-	170, 149,
	ing.	178
	In the Tell menu: starts rapid scrolling through the	
	phone book.	115
	OK Confirms selections and fades out messages In the Tell menu: changes to the phone book and starts	
	dialling.	115

Operating COMAND

Calling up the menu of a main function

The example illustrates how to call up the audio menu.

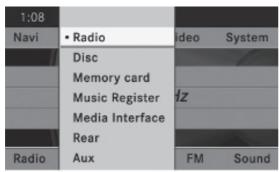
From audio mode



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- 1) To call up the audio menu
- (2) Main functions menu bar
- ► To switch to line ②: slide t ◎.

 The Audio menu item is highlighted. The triangle ① shows that you can call up a menu in the active main function.
- ► To call up the Audio menu: press ⑤. The audio menu appears.



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The • dot indicates the current audio mode.

From another main function

- ► To show the menu system:
 - Navigation system (> page 48)
 - TV mode*(⊳ page 168)
 - Video DVD (> page 176)
- ► To switch to line ②: slide ⊙.
- ► To call up the audio menu: turn (○) or slide ←○→ until Audio is highlighted.

- ▶ Press the ⑤ button.
 - You can see the basic display of the current audio operating mode.
- ► Proceed as described under "Within the audio function".

Selecting a menu item

Example 1: station presets



P82.87-2259-31

Example display of DAB radio mode*

- (1) Currently selected menu item
- ② Selection bar
- ➤ To select a menu item: turn (○) or slide
 ↑○↓.

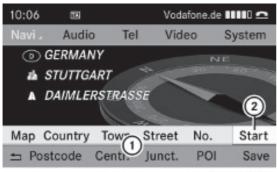
The selection bar moves vertically within the list.

- ► To confirm the menu item: press .
- ➤ To exit a menu without making a selection: slide ← → in the opposite direction to the direction of the list.

or

▶ Press the 🛨 button.

Example 2: address entry menu within destination entry



P82.86-9773-31

- 1 Two-line menu
- (2) Selection bar
- ► To select a menu item: turn () or slide ...

The selection bars move horizontally.

- ► To switch to a different menu item: slide

 ↑ ↓.
- ► To confirm the menu item: press .

Character entry

The example shows the list of towns during destination entry in the navigation.



P82.87-2709-31

List of towns with input characters

- 1 Two-line smart speller with upper and lower lines
- With smart speller you can only select the characters that are currently available. Which these are depends on the current

input string and the data contained on the digital map.

When characters are entered, the list entry at the top always shows a name that most closely matches the current input string. COMAND automatically adds plausible characters to those already entered by the user.

Entering characters

Using the speller

- ► To select a character: turn () or slide ...
- ➤ Slide **↑ ↓** to switch between the lines in the speller.
- ► To confirm the character selection: press .

In some cases possible:

► To change the character set for the smart speller: select .

Using the number keypad

Alternatively, you can also enter characters using the number keypad (direct input).

Example:

Press one of the number pad buttons, e.g.
 2 , once or repeatedly in quick succession.

Once a button has been pressed, the character display appears at the bottom of the display. The first available letter is highlighted.



P82.87-2709-31

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

Example with 2:

- press once = A
- press twice = B
- press three times = C
- ➤ Wait until the character display goes out. The entries matching your input are shown in the list.

Deleting an entry

► To delete single characters: select c at the bottom right-hand side of the speller and press .

or

- ▶ Press the c button.
- ► To delete an entire entry: select c and press and hold the b button until the entire entry has been deleted.

or

▶ Press and hold the c button until the entire entry has been deleted.

Cancelling an entry

► Select the 🔄 icon on the left-hand side in the speller and press 🔊.

or

► Press the button.

The address input menu appears.

Accepting the first list entry

► Press and hold ৩ until the address input menu appears.

The accepted list entry appears.

or

If COMAND is able to unambiguously assign the characters entered to one town, the address entry menu automatically shows the selected list entry.

Switching to the list without smart speller

If there are several entries for a town or if the name is stored several times, then ok is highlighted in the speller.

▶ Press the ⑤ button.

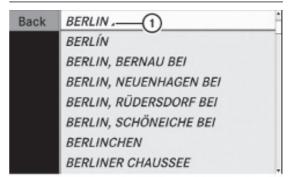
You can switch to the list at any point during character entry.

➤ Slide **1** ○ repeatedly until the list is displayed without the speller.

or

► Select the ok icon and press . COMAND completes the entry as soon as it can be clearly identified. If this is the case, the view does not switch to the list and the address entry menu appears.

Selecting a list entry



P82.86-9774-31

List of towns

- 1 Currently highlighted list entry
- ► To select a town: turn 🕻 🔾 or slide 🕇 🔾 🖡
- ► To confirm your selection: press 🔊.

Example of operation

Switching to radio mode and calling up the station list

Initial situation:

You would like to switch from the system function to radio mode and call up the station list.

1 You can call up the station list in FM radio mode and in DAB radio mode*.

Switching to the current audio operating mode

- 1 You can also call up the current audio operating mode directly by pressing the RADIO or DISC function button.
- ► To switch to the menu item with main functions: slide ↑ ○.
- ► To select audio: turn 🕻 🔾 or slide 🗕 🔾 →.
- ► To confirm your selection: press .

 The basic display of the previous audio operating mode, e.g. audio CD, appears.

 The selection bar is in the display/selection window.

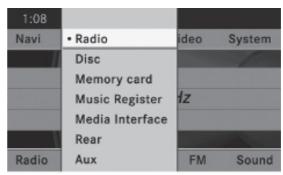


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(1) Selection bar

Switching to radio mode

- 1 You can also call up radio mode directly by pressing the RADIO function button.
- ► To select Audio again: slide ○.
- ► To confirm your selection: press . The Audio menu appears. Radio is highlighted.



P82.87-2800-31

► To confirm the radio: press ⑤.

The radio basic display appears.



P82.87-2803-31

Calling up a station list

- ► To select the radio: slide • to switch to the lower menu item.
- ► Turn () or slide → until Radio is highlighted.
- ► To confirm your selection: press .

 The radio menu appears. Station list is highlighted.
- ► To confirm the station list: press .

 The channel list appears.

Basic functions of COMAND

	Cont.Ra
Station list	DASDING
Sub-programs	DEUTSCHLANDFUNK
□ Station fix	DKULTUR
≅TA	SWR1 BW
Active audio sou	SWR2 BW
Rear audio off	1 SWR3

P82.87-2258-31

Example display: station list in DAB radio mode*

- ► To select the desired station:
 - Turn 【◎】 or slide ★◎↓.
- ► To confirm your selection: press . The selected station is played. The radio basic display appears.

Basic functions of COMAND

① The COMAND controls are described on (▷ page 14). An example of operation can be found on (▷ page 25).

Switching COMAND on/off

- ► Turn or press the (m) control knob.

 A warning message appears. COMAND calls up the previously selected menu.
- 1 If you switch off COMAND, playback of the current audio or video source will also be switched off.

Sound

▶ To switch on/off: press the ☑ button on COMAND or on the multi-function steering wheel.

The sound from the respective audio or video source is switched on or muted.

When the sound is off, the status line displays the ☆ icon. When you change the audio or video source, the sound switches on automatically.

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

Switching off the Radio Data System (RDS) and navigation announcements completely

- ► Traffic announcements: press and hold the ဩ button until the TA icon in the status bar goes out.

 A confirmation tone sounds.
- ► Navigation announcements: press the button during the announcement.

Switching Radio Data System (RDS) and navigation announcements on again

- ► Navigation announcements: press the button again.
- 1 The navigation announcements are switched on again if you start a new route guidance or if COMAND is switched off and on with the (a) control knob.

Adjusting the volume

► Turn or press 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:

- Traffic announcements
- Navigation announcements

* optional

Basic functions of COMAND

- · Phone calls
- Linguatronic[®] voice control (see the separate operating instructions)

Volume of traffic and navigation announcements

1 You can adjust the volume of traffic and navigation announcements independently, relative to the volume of the audio or video source.

During traffic or navigation announcements:

► Turn or press the (on) control knob.

or

► Press the + or - button on the multifunction steering wheel.

Adjusting the volume for telephone calls

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

► Turn or press the (on) control knob.

or

► Press the + or - button on the multifunction steering wheel.

Adjusting the sound settings

You can program various sound settings for the different audio and video sources. You can call up the sound menu in question from the menu of the desired mode.

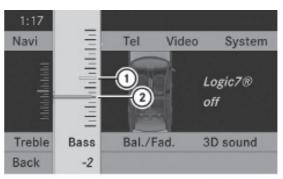
Examples:

- Audio → Radio → Sound
- Audio \rightarrow Disc \rightarrow Sound

Adjusting treble and bass

► Select Sound → Treble or Bass.

The previously selected setting is indicated by an empty bar.



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To adjust the bass

- Last setting selected
- ② Current setting
- ► To change the setting: turn () or slide
 - **↑ ↓** until the desired setting is reached.
- ► To save the setting: press .

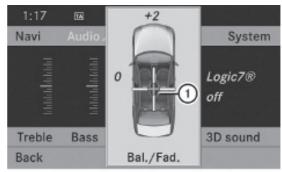
 The setting is stored and you exit the menu.

Adjusting balance and fader

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

With the Fade function, you can control whether the sound is louder in the front or the rear of the vehicle.

► Select Sound → Bal/Fad (balance/fader).



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Adjusting balance and fader

(1) Current setting

Basic functions of COMAND

- ➤ To change the setting: turn ↑ ↓ or slide
 or slide
 until the desired setting is reached.
- ► To store a setting: press the 🔊 button.

 The setting is stored and you exit the menu.

Surround sound*

If your vehicle is equipped with the harman/kardon® LOGIC7® Surround Sound system*, you can choose between the LOGIC7® on and LOGIC7® off settings.

The harman/kardon® LOGIC7® Surround Sound system is available for the following operating modes:

- Radio (FM only)
- DAB radio*
- Audio CD
- Audio DVD (MLP, DTS, PCM and Dolby Digital audio formats)
- MP3 (including PCMCIA memory card)
- Media Interface*
- TV*
- Video DVD (PCM, DTS and Dolby Digital audio formats)
- AUX

Because many DVDs contain both stereo and multi-channel audio formats, it may be necessary to set the audio format (> page 151).

1 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 high-resolution surround formats, such as MLP, DTS or Dolby Digital. The resulting audio experience reflects that intended by the sound engineer during the original recording. In addition, LOGIC7® moves the perceived sound source away from individual speakers when playing.

• If you select LOGIC7°off, playback of all permissible formats is 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



Setting surround sound*

You can select LOGIC7® on or LOGIC7® off in surround sound mode.

▶ Select Sound \rightarrow 3D sound.

Rear seat entertainment system*



P82.87-2555-31

- ► To save the setting: press .

 The setting is stored and you exit the menu.

1 Please bear the following in mind:

128 kbit/s.

For the optimum audio experience for all passengers when LOGIC7® is switched on, the balance and fade should be set to the centre of the passenger compartment.

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

Surround-sound playback does not work for mono signal sources, such as the AM waveband in radio mode.

If the radio reception is poor, e.g. in a tunnel, you should switch off LOGIC7[®] because it may otherwise automatically switch between stereo and mono and therefore temporarily distort the sound. On some stereo recordings, the sound

Rear seat entertainment system*

tional stereo playback.

characteristics may differ from conven-

Components

The rear-seat entertainment system* comprises:

- two screens behind the front-seat head restraints
- a remote control
- 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 seat entertainment system*

Rear-compartment screens



- ① Socket for corded headphones
- ② AUX jacks; for a detailed view, see CD/ DVD drive (▷ page 32)
- ③ Display
- 4 IR receiver diodes

Remote control



- ① To switch the screen on/off
- ② To switch the button lighting on/off
- ③ To select the screen (right/left) for the remote control
- (4) To select the menu or menu item
- 5 To confirm the selection or setting

t a glance

Rear seat entertainment system*

- To switch sound on/off (for corded headphones)
- 7 To adjust volume (for corded headphones)
- To skip a track, fast forward/rewind
- (9) To select a track, direct entry
- (10) To exit a menu (back)

Selecting a screen for remote operation

The remote control allows you to operate one of the two rear-compartment screens. To do so, you will need to switch the remote control to the corresponding screen.

- ► To select the left-hand screen: turn thumbwheel ③ until REAR L 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 key in the ignition lock is in position 0 or 1 (▷ vehicle Owner's Manual), or if the key is not in the ignition lock, the switchedon rear-compartment screens 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 vehicle battery.

- ▶ Point the remote control at the rear-compartment screen selected for remote operation.
- ► Press button ① on the remote control. The corresponding rear-compartment screen is switched on or off.
- The screen can only be switched on using the remote control when the ignition is switched on.

Switching the button lighting on/off

► Press button ② on the remote control. Depending on the previous state, the button lighting is switched on or off. 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 on or off.

Selecting a menu/menu item and confirming the selection

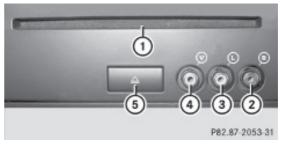
► To select a menu/menu item: press arrow buttons (4).

To confirm the selection: press button 5.

CD/DVD drive and AUX jacks

The CD/DVD drive is located in the centre behind the front seats.

► Open the CD/DVD drive by sliding the cover upwards.



- 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, jack for video signal (V), (yellow)
- ⑤ CD/DVD eject button

The AUX jacks shown are those for the drive AUX. Identical jacks can be found on the right-hand side of the rear-compartment screens (display AUX), (▷ page 31).

Rear seat entertainment system*

Cordless headphones



- (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, differing displays
- ► Unclip both sides of the headphones and adjust the size of the headphones by pulling the headphone band in the direction of the arrow.

Switching the cordless headphones on/

▶ Press the ④ button. Depending on the previous status, the headphones are switched on or off. To preserve the batteries, the headphones automatically switch off if they have not received an IR signal for about three minutes.

Adjusting the volume of the headphones

- ► Turn volume control ① until the desired volume has been set.
- i 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 31).

Selecting a screen for the headphones

▶ Push slider ② to L (left-hand screen) or R (right-hand screen).

Indicator lamp, displays

Display	State
Green	The headphones are switched on and the batteries are full.
Red	The headphones are switched on and the batteries are almost discharged.
No display (dark)	The headphones are switched off or the batteries are discharged, incorrectly or not inserted.

Jacks for additional headphones

You can connect an additional set of corded headphones to each rear-compartment screen (▷ page 31). Socket ① is designed for headphones with a 3.5 mm stereo jack plug and an impedance of 32 ohms.

Changing the batteries

Both the remote control and the two sets of cordless headphones require batteries. Changing the batteries (▷ page 184)

^{*} optional

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a glance

Reversing camera*

Functions

The "Rear Seat Entertainment System*" section contains information on the following topics:

- general information (⊳ page 184)
- basic functions (⊳ page 185)
- system settings (> page 187)
- audio CD, audio DVD and MP3 mode (⊳ page 187)
- video DVD operation (> page 201)
- AUX mode (⊳ page 206)

Reversing camera*



The reversing camera is designed to assist you when reversing.

Please observe the corresponding safety notes in your vehicle's Owner's Manual.

Conditions for displaying the reversing camera's image on the COMAND display:

- the vehicle is equipped with a reversing camera
- COMAND is switched on

The reversing camera's image appears automatically on the COMAND display when you engage reverse gear.

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

Showing/hiding the reversing camera image

- ► Call up the system menu (> page 36).
- ► Select Settings → Reversing camera.
- ► Select Autom. on in reverse gear. The function is switched on **▼** or off depending on the previous status.

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Menu overview

Menu overview

Calling up the system menu

► Press the sys function button.

OI

► Select System in the main functions menu bar.

The system menu appears.



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System menu

Menu overview

Settings	Time	Display off
Display settings	Setting the time	Switching off the display
Text reader settings	Setting the format	
Linguatronic® settings	Setting the time zone	
Setting the language		
Activating/deactivating Bluetooth®		
Resetting COMAND		

► Select Settings.

If your vehicle is equipped with a reversing camera*, you can also select the Rear view camera menu item. If the function is active and COMAND is activated, the reversing camera's image is automatically relayed to the COMAND display when you engage reverse gear.

Switching the display on/off

- ► To switch the display off: select System
 - \rightarrow Display off.

The display is switched off.

► To switch display on: press ⑤ or turn (○).

or

- ► Press the (on) button.

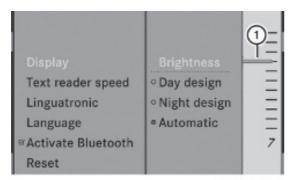
 The system menu appears.
- 1 You can also press one of the function buttons, e.g. the sys or pisc button. This turns on the display and switches to the corresponding function.

Time settings

Display settings

Setting the brightness

- The brightness detected by the COMAND light sensor affects the setting options for this function.
- ► Select System → Display → Brightness.



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- 1) The needle points to the current setting
- ► To set the brightness: turn (○) or slide

 ○ •.

The needle moves up or down.

► To confirm your selection: press 🔊.

Display design

- ► **Select** System → Display.
- ► Select Day design, Night design or Automatic.

The (a) icon indicates the current setting.

In the Automatic setting, COMAND evaluates the automatic vehicle light sensor with regard to different light conditions and switches between the display designs automatically.

Time settings

Setting the time

- 1 The correct time must be set for the following navigation system functions to operate correctly:
 - route guidance on routes with timedependent traffic guidance
 - calculation of expected time of arrival
- ▶ Select System \rightarrow Time \rightarrow Set time.



P82.87-2249-31

- 1) To set the time
- (2) Current date
- ► To set the time: turn 【◎】 or slide ↑ ◎ ↓.
- ► To confirm the settings: press 🔊.
- i 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 38).

Setting the date/time format

- Select System → Time → Format. The format list appears. The symbols show the current settings.
- 1 The abbreviations mean:

Date format:

- DD day
- MM month
- YYYY year

Linguatronic[®] setting

Clock format:

- HH hour
- MM minute

This setting applies for both the 24-hour and the AM/PM format.

- ► To change the format: turn (○) or slide to .
- ► To confirm the change: press 🔊.

Setting the time zone and switching between summer and standard time

- The correct time zone and summer/ standard time must be set for the following navigation system functions to operate correctly:
 - route guidance on routes with timedependent traffic guidance
 - calculation of expected time of arrival
- ► To set the time zone: System → Time → Time zone.

The country list appears. The • dot indicates the current setting.

- ► Select the country in which you are currently driving.
 - A time zone list is also displayed, depending on the country selected.
- ▶ Select the desired time zone.

Subsequent operation depends on:

- whether your navigation system has GPS reception
- which country you have previously set

You may either:

- switch between Summer time and Winter time manually in a list or
- activate/deactivate automatic summer to standard time changeover (and vice versa)

- ► To switch manually: select Summer time or Winter time.
 - The dot indicates the current setting.
- ► To activate/deactivate automatic time changeover: select Autom. Summer / Winter time on or Autom. Summer / Winter time off.
 - The dot indicates the current setting.
- ► To store the setting and exit the menu: press ⑤.
- ► To exit the menu without storing: press the back button or slide • •.
- If you have switched off the automatic changeover function, you must change from summer to standard time and vice versa manually using the "Set time" function (⊳ page 37).

Read-aloud settings

Setting the read-aloud speed

▶ Select System \rightarrow Settings \rightarrow Text reader speed.

The list of available settings appears. The

- dot indicates the current setting.
- ► To confirm your selection: press 🔊.

Linguatronic[®] setting

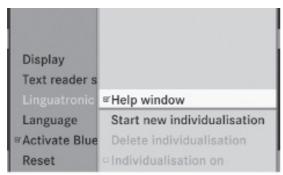
Switching the help window on or off

- ► Select System → Settings → Linguatronic.
- ► Select Help window.

 You have switched the help window on

 ✓ or off □ .

Linguatronic® setting



P82.87-2250-31

1 As well as the acoustic instructions, the help window shows you further information during individualisation and, later, during voice control.

Individualisation

Using individualisation, you can fine-tune Linguatronic® individually to your own voice and thus improve voice recognition. This means that other users' voices will not be recognised as easily, and therefore this function can be switched off (\triangleright page 40).

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

Starting new individualisation

- it is only possible to start individualisation 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.
- ► Select System → Settings → Linguatronic → Start new individualisation.

You see and hear a prompt asking whether you would like further information.

► Select Yes or No.

If you select No, the first part of individualisation 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 individualisation process. The first part of individualisation then begins automatically.

or

➤ To close the display: press ⑤.

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.

If you select No, individualisation will be cancelled. The data from the first part is stored automatically.

If you select Yes, the second part will begin. Individualisation 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.

System language settings



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Cancelling the first or second part of individualisation

- ► Select Cancel.
 A prompt appears asking whether you really do wish to cancel.
- ► Select Yes or No.

 If you select Yes, individualisation will be cancelled. The data from the current part is

If you select No, the current part begins again.

Deleting existing individualisation data

► Select System → Settings → Linguatronic → Delete individualisation.

A prompt appears asking whether you really wish to delete.

► Select Yes or No.

The individualisation data will either be deleted or not, depending on your selection. You will see a message to this effect.

Switching individualisation on and off

▶ Select System \rightarrow Settings \rightarrow Linguatronic \rightarrow Individualisation on. You have switched individualisation on \checkmark or off \square .

Switching Bluetooth®on or off

General information about Bluetooth®

Bluetooth®-capable devices must correspond to a particular profile 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 metres. Bluetooth® can be used to exchange vCards, for example. Bluetooth® is a registered trademark of the Bluetooth® Special Interest Group (SIG) Inc.



Activating/deactivating Bluetooth®

▶ Select System → Settings → Bluetooth → Activate Bluetooth.
This switches Bluetooth® on or off
□ .

System language settings

This function allows you to determine the language for the menu displays and the navigation messages.

► Select System → System settings → Language.

The list of languages appears. The • dot indicates the current setting.

► To select a language: turn () or slide to .

The selection moves up and down.

- ► To confirm the language selection: press .
 - COMAND loads the selected language and sets it.
- 1 The language selection affects the input options in the editing and smart speller.
- 1 If you change the system language, the language for Linguatronic® will be also be changed. If the selected language is not supported by Linguatronic®, "English" will be selected.

Reset

- You can reset COMAND to the factory settings. Amongst other things, this will delete all personal data (e.g. phone numbers, station presets, address book entries, entries in the destination memory, entries in the Music Register and in the list of previous destinations in the navigation system). Resetting is recommended before selling or transferring ownership of your vehicle, for example.
- 1 Data on the internal hard drive, e.g. music files in the Music Register, will not be deleted. You can delete these music files from the Music Register using the "Delete all music files" (⊳ page 155) function.
- ▶ Select System → Settings → Reset. A prompt appears asking whether you wish to reset.
- ► Select Yes or No.
 If you select Yes, a prompt will appear again asking whether you really wish to reset.
- ► Select Yes or No.

 If you select Yes, a message will be shown.

 COMAND is reset and restarted.

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