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General notes

COMAND offers you dual-level telephone functions.

Basic telephony offers you Bluetooth® interface telephony when used with a Bluetooth®-capable mobile phone. The Bluetooth® interface enables you to use the hands-free system with suitable mobile phones, import numbers from the mobile phone via the phone book access profile (PBAP) and receive electronic vCards.

If your vehicle is equipped with Convenience telephony*, you can obtain mobile phone brackets* for specific mobile phones at your Mercedes-Benz Service Centre and have them installed in the centre armrest.

Your mobile phone battery is charged in the bracket* and a connection is made to the vehicle's exterior aerial.

With a suitable mobile phone, Convenience telephony* not only permits you to use the hands-free system, it also permits you to import contacts (even from phones that do not support PBAP) and use the text message function* (receive and read).

i Even if your vehicle is equipped with Convenience telephony*, you can connect a Bluetooth®-capable mobile phone to COMAND via the Bluetooth® interface.

You can obtain more detailed information about suitable mobile phones and about connecting Bluetooth®-capable mobile phones to COMAND from your Mercedes-Benz Service Centre.

Safety notes**⚠ Risk of accident**

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

If it is permitted to operate communications equipment while the vehicle is in motion, you may only operate it when road and traffic conditions permit. You may otherwise be distracted from the traffic conditions, cause an accident and injure yourself and others.

Two-way radios or fax machines without low-reflection exterior aerials may interfere with the vehicle electronics and thereby compromise the operational safety of the vehicle and your safety. Therefore, only use these if they are properly connected to a separate, low-reflection exterior aerial.

⚠ Risk of injury

Excessive electromagnetic radiation may constitute a health hazard to yourself and others. The use of an exterior aerial takes into consideration the scientific discussion surrounding the possible health risk posed by electromagnetic fields.

General notes**Calls disconnected while the vehicle is in motion**

A call may be disconnected if:

- there is insufficient GSM network coverage in certain areas
- you move from one GSM transmitter/receiver area (GSM cell) into another and no channels are free
- you use a SIM card which is not compatible with the available network
- when using a mobile phone with "Twin-card", the mobile phone with the second SIM card is logged into the network at the same time

Operating options


You can call up the telephone functions:





- using the COMAND controller

Turn 

* optional

Slide ←⊙→ or ↑⊙↓

Press 

- using the  or the  button and the telephone keypad on the COMAND control panel
- using the  or  button on the multi-function steering wheel

i Operation with Linguatronic* is described in ▷ separate operating instructions.

Function restrictions

You will not be able to use the telephone, will no longer be able to use the telephone, or you may have to wait before using it, in the following situations:

- when the mobile phone is switched off
- when the "Bluetooth" function is switched off in COMAND or when telephoning via the Bluetooth® interface on the mobile phone
- when the mobile phone is not or not yet connected to a network

i The telephone automatically attempts to log into a network. If no network is available, you will not be able to make a "112" emergency call. If you attempt to make an outgoing call, the No Service message will appear for a short while.

- if you switch COMAND off during a call in hands-free mode, the call will be terminated. You can prevent this as follows:

Bluetooth® interface telephony: switch the mobile phone to "Private mode" before switching off COMAND (▷ mobile phone operating instructions).

Convenience telephony*: take the phone out of its bracket* before switching COMAND off.

"999" or "112" emergency call

Making emergency calls without entering the PIN is only possible directly on the mobile phone.

* optional

The following conditions must be fulfilled in order to make a **112** emergency call:

- the mobile phone must be switched on
- a network must be available
- a valid SIM card must be in the phone (not necessary in all mobile phone networks)

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

The **112** emergency call number is a public service. Any misuse is punishable by law.

Using the telephone via the Bluetooth® interface

i If your vehicle is equipped with Convenience telephony* and you wish to make calls via the Bluetooth® interface, your mobile phone should not be inserted in the mobile phone bracket* or connected to the mobile phone bracket*. This may result in a malfunction, depending on the type of mobile phone.

Mobile phone requirements

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

i Not all mobile phones available on the market are equally suitable.

You can obtain more detailed information about suitable mobile phones and about connecting Bluetooth®-capable mobile phones to COMAND from your Mercedes-Benz Service Centre.

The battery of the mobile phone should 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 (▷ mobile phone operating instructions):

- Hands-free profile

The mobile phone must support hands-free profile 1.0 or above.

i Some displays (e.g. the signal strength and provider logo) depend on the phone that is being used.

- Bluetooth® visibility

On certain mobile phones, the device itself must be made "visible" for other devices, as well as activating the Bluetooth® function (▷ mobile phone operating instructions).

- Bluetooth® device name

Every Bluetooth® device has a Bluetooth® device name issued at the factory. The device names for all of one manufacturer's products might be identical. Therefore, you should change these devices' names so you can identify your mobile phone clearly (▷ mobile phone operating instructions).

Connecting a mobile phone

- ▶ Switch on the mobile phone and enter the PIN, if necessary (▷ mobile phone operating instructions).
- ▶ Activate Bluetooth functions and, where necessary, Bluetooth visibility on the mobile phone (▷ mobile phone operating instructions).
- ▶ Press the **TEL** function button on COMAND.

i When the Bluetooth® function is switched off in COMAND, the following message appears: Bluetooth not activated in system settings.

- ▶ Activate the Bluetooth® function in COMAND (▷ page 40).

Registering (authorising) the mobile phone

If you are using your mobile phone with COMAND for the first time, you must register (authorise) it.

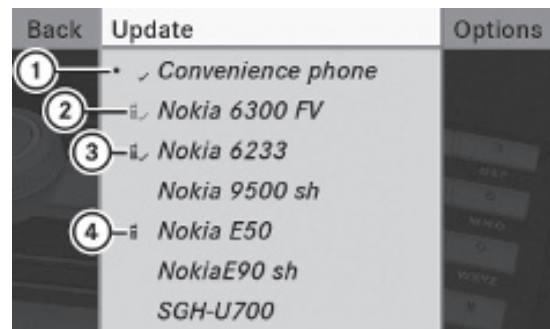
When you authorise a new mobile phone, it is connected automatically to COMAND.

You can register more than one mobile phone.

- ▶ Press the **TEL** function button on COMAND.
- ▶ Select Telephone → Bluetooth telephones → Update.

COMAND looks for Bluetooth® telephones within range and adds them to the phone list.

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



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Example display: telephone list

- ① Currently connected • and authorised mobile phone ✓
- ② Device not within range but previously authorised (☐, appears in grey)
- ③ Device within range and authorised (●, appears in black)
- ④ Newly detected mobile phone within range but not yet authorised (no icon yet ✓)

i If the Bluetooth® telephones list is already full, you will be asked to de-authorise a Bluetooth® device (▷ page 100). If

COMAND does not find your mobile phone, external authorisation (▷ page 99) may be necessary.

- ▶ **To authorise:** select a mobile phone that has not yet been authorised ④ in the telephone list.

- ▶ Select Options → Authorise.

or

- ▶ Press the  button.

The input menu for the passcode appears.



- ① Smart speller




- ❗ The passcode is any one to sixteen-digit number combination which you can determine yourself. You must enter the same number combination in COMAND and in the Bluetooth® device to be authorised (▷ mobile phone operating instructions). If you want to reauthorise a device following de-authorisation, you may select a different passkey.

Mercedes-Benz recommends de-authorisation in COMAND and on the mobile phone. Authorisation at a later date could otherwise fail.

Some mobile phones require the input of a four-digit passcode or longer character strings.

Entering in COMAND

You can enter the access number in COMAND with smart speller ① or the keypad.

- ▶ **To enter:** turn  or slide  and press .

In this way, enter all necessary numbers in succession.



or

- ▶ Press the relevant number keys in succession.



- ▶ **To confirm:** select  in the menu bar.

or

- ▶ Press the  or  button.

- ▶ **To delete:** select  in the menu bar and press the  button briefly (individual digit) or for a long time (whole number sequence).

or

- ▶ Press the delete button  next to the COMAND controller or the  button next to the keypad briefly (single number) or for a long time (whole number sequence).

Entering in the mobile phone

If the Bluetooth® connection is successful, you will be prompted to enter the passcode on the mobile phone (▷ 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. Check the display of your mobile phone.

If the Authorisation procedure unsuccessful message appears on the COMAND display, you may have exceeded the allowed time. Repeat the process if this occurs.

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

External authorisation

If COMAND does not detect your mobile phone, this may be due to particular security settings of 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".

Please bear the following in mind: after entering the passcode, some mobile phones require you to reconnect to COMAND (▷ mobile phone operating instructions). Otherwise, the phone cannot be authorised.

- ▶ Press the **TEL** function button.
- ▶ Select Telephone → Bluetooth telephones → Update → Options → External authorisation.
- ▶ Start the Bluetooth® search on the mobile phone (▷ mobile phone operating instructions).
- ▶ Select COMAND (MB Bluetooth) on the mobile phone.
- ▶ Enter the passcode on the mobile phone and COMAND when requested.

Automatic reconnection

COMAND always searches for the last connected mobile phone.

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

Displaying details

There is a detail display for each mobile phone in the phone list.

- ▶ Press the **TEL** function button.
- ▶ Select Telephone → Bluetooth telephones.
- ▶ Select the mobile phone from the list and select Options → Details.

The following information concerning the selected mobile phone is shown:

- Bluetooth® name
- Bluetooth® address
- availability
- authorisation status

- ▶ **To close the detailed view:** turn  or slide .

or

- ▶ Press the  or  button.

De-registering (de-authorising) a mobile phone


- ▶ Press the **TEL** function button.
- ▶ Select Telephone → Bluetooth telephones.
- ▶ Select the mobile phone from the list and select Options → De-authorise. A prompt appears asking whether you really wish to revoke authorisation for this device.
- ▶ Select Yes or No. If you select Yes, the device will be deleted from the phone list.

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

Connecting another mobile phone

If you have authorised several mobile phones, you can switch between the individual phones.

- i** You can only switch to another authorised mobile phone if no phone call is active.

- ▶ Press the **TEL** function button.
- ▶ Select Telephone → Bluetooth telephones.
- ▶ Select the mobile phone from the list.
- ▶ Press the  button.

If the selected mobile phone is within Bluetooth® range and Bluetooth® is activated, a search is started and the phone is connected.

Only one mobile phone can be connected at any one time. The currently connected

mobile phone is indicated by the • dot (▷ page 98) in the phone 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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Example of display: telephone basic menu (Bluetooth® interface)

- ① Network provider's name (depends on the connected mobile phone)
- ② Signal strength of mobile phone network
■■■■■

- ③ Receiver icon: or
- ④ Displays COMAND phone book
- ⑤ To display call lists
- ⑥ Bluetooth® name of the currently connected mobile phone
- ⑦ Smart speller

i Displays ① and ② are shown depending on the mobile phone connected.

i Bars ② display the current signal strength of the mobile phone network. If all bars are full, there is optimum reception. If all bars are empty, there is very poor or no reception at all.

Receiver icon ③ shows whether a call is active/being connected or not .

Menu overview

Name	Telephone	Call lists or mike on/off
Displays COMAND phone book	Bluetooth® telephone Imports contacts Deletes contacts	Displays call lists (without call) Switches hands-free microphone on/off (during a call)

Convenience telephony*

Connecting a mobile phone

For Convenience telephony with COMAND, you require a bracket* and a suitable mobile phone.

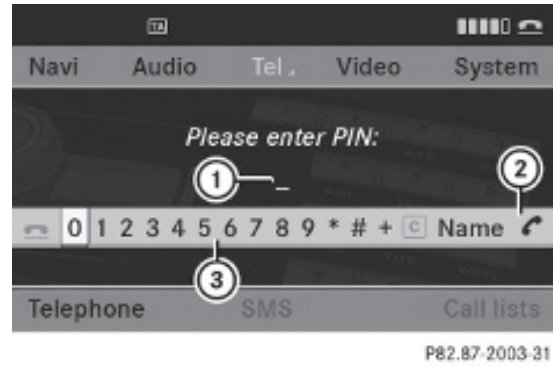
You can obtain more detailed information about suitable mobile phones and connecting

convenience telephones with COMAND from your Mercedes-Benz Service Centre.

- ▶ Place the mobile phone bracket* in the fixture in the centre armrest (▷ vehicle Owner's Manual).
- ▶ Place the mobile phone in the mobile phone bracket* (▷ vehicle Owner's Manual).

* optional

102 Convenience telephony*



Telephone

Example

- ① To engage the mobile phone
- ② Connector contact
- ③ Bracket*

► Switch on the mobile phone manually (► mobile phone operating instructions).

i Inserting some mobile phones into the bracket* can switch them on automatically.

► **If telephony via the Bluetooth® interface is active:** press the **TEL** function button.

► Select Telephone → Bluetooth telephones → Convenience telephony.

If necessary, COMAND will request the PIN.

Entering the PIN

i if you have entered an incorrect PIN twice via COMAND, you will not see a warning to inform you that you only have one more attempt. If you enter an incorrect PIN three times, you must unlock the SIM card via the mobile phone (► operating instructions for mobile phone).

You can enter the PIN in COMAND with the smart speller or the keypad.

If your vehicle is equipped with Lingua-tronic® (► separate operating instructions), you can also enter the PIN using voice commands.

① PIN entry line

② To confirm the PIN

③ Smart speller

► **To enter:** turn **⏪** or slide **←** and press **⏩**.

In this way, enter all necessary numbers in succession.

or

► Press the relevant number keys in succession.

► **To delete digits:** select **c** and briefly press **⏩**.

or

► Press the **c** button next to the COMAND controller. The digit to the left of the cursor is deleted.

► **To delete an entire entry:** select **c** and press and hold down **⏩** until the entry has been deleted.

or

► Press and hold down the **c** button next to the COMAND controller until the entry is deleted.

► **To confirm:** select **☎** in the input characters.

or

► Press the **☎** or **#** button.

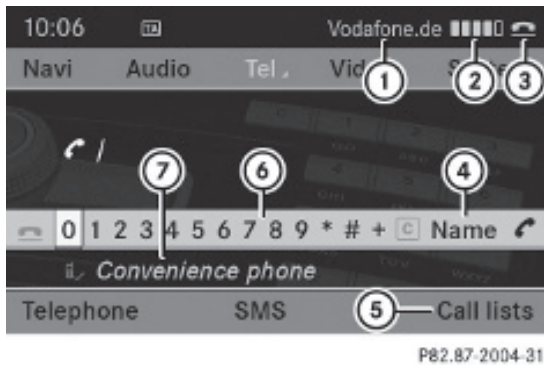
COMAND checks the PIN. If the correct one has been entered, the telephone basic menu appears.

* optional



Telephone basic menu (Convenience telephony*)

► Press the **TEL** function button.

When the mobile phone is in the mobile phone bracket* and operational, the following display is shown:





Example display for telephone basic menu (Convenience telephony*)

- ① Network provider
- ② Signal strength of mobile phone network
■■■■■
- ③ Receiver icon:  or 
- ④ Displays COMAND phone book
- ⑤ To display call lists
- ⑥ Smart speller for phone numbers
- ⑦ Name of mobile phone currently connected

i Bars ② display the current signal strength of the mobile phone network. If all the bars are filled, the telephone has opti-

imum reception. If all bars are empty, there is very poor or no reception at all.

Receiver icon ③ shows whether or not a call is in progress or is being currently connected.

The  mail icon is displayed when you have an unread text message. The icon disappears once you have read all of the text messages. The  mail icon is displayed when the mobile phone's text message memory is full. The icon disappears once you delete at least one text message.

The text message menu item is available if the function is supported by the Convenience telephony* and the mobile phone bracket* and once the Convenience telephony* has completed the download of the text message. How long downloading takes depends on the number of text messages stored on the mobile phone and the type of phone.

The text message menu item is greyed out:

- when you switch from Convenience telephony* to phoning using the Bluetooth® interface
- when you place the mobile phone in the bracket* and COMAND starts downloading the text messages

The text message menu item is not displayed when COMAND is equipped only with a telephone that operates via the Bluetooth® interface.

* optional

Menu overview

Name	Telephone	Text message (SMS)	Call lists or mike on/off
Display COMAND phone book	Bluetooth® telephone Imports contacts Deletes contacts i Available where contacts have been imported.	Display text message inbox	Displays call lists (without call) Switches hands-free microphone on/off (during a call)

Telephone

Changing between Bluetooth® and convenience telephony*

If your vehicle is equipped with Convenience telephony*, you can switch between telephony types. You can then select another mobile phone in the Bluetooth® telephone list.

Switching telephony type during operation

During operation, you can switch from one telephony type to another by selecting another mobile phone in the list (▷ page 98).

Switching telephony type when switching on

COMAND's standard behaviour after being switched on is as follows:

Mobile phone is inserted in mobile phone bracket*

COMAND starts Convenience telephony*. If no mobile phone is inserted in the mobile phone bracket*, the following message appears: Telephone not inserted. Approx. two minutes after starting the engine, you are asked whether you want to switch to Bluetooth® telephony.

If you confirm by selecting Yes, the Ready for Bluetooth telephony... message will appear. COMAND will search for the two mobile phones last connected via the Bluetooth® interface. If one of the two mobile phones is found, the telephone basic menu for Bluetooth® telephony (▷ page 101) appears. If neither of the two mobile phones is found, the Ready for Bluetooth telephony... message remains on the display. You now have to connect your mobile phone (▷ page 98).

After confirming No, the message No telephone inserted reappears. If there is a mobile phone in the bracket*, the PIN query (▷ page 102) or the telephone basic menu for Convenience telephony* (▷ page 103) appears.

No mobile phone is inserted in mobile phone bracket*

COMAND starts telephony via the Bluetooth® interface and searches for the last two mobile phones to have been connected via the Bluetooth® interface. If one of the two mobile phones is found, the telephone basic menu for Bluetooth® telephony (▷ page 103) appears. If neither of the two mobile phones is found, the Ready for Bluetooth telephony... message remains on the display. You now have to connect your mobile phone (▷ page 98).

* optional

- i** The Bluetooth® connection remains active until the next time COMAND is switched off if you do not connect a different mobile phone via the phone list. While the Bluetooth® connection is active, only the Bluetooth® interface functions are available to you.

Selecting a mobile phone from the Bluetooth® telephone list

- ▶ Call up the Bluetooth® telephones list (▷ page 98).
- ▶ **To select a mobile phone:** turn or slide .
- ▶ **To confirm your selection:** press .

Reception and transmission volume

The following information applies to telephony via the Bluetooth interface and to Convenience telephony*.

You can optimise the settings for the reception and transmission volume. Find out about the optimum setting for your mobile phone from your Mercedes-Benz Service Centre.

Further information is available here:

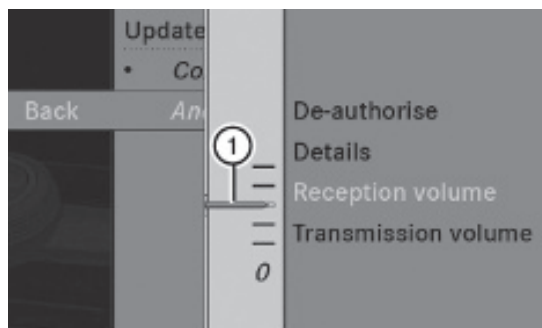
- Convenience telephony* (▷ page 101)
- Telephony via the Bluetooth® interface* (▷ page 97)

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

- ▶ Press the function button.
- ▶ Select Telephone → Bluetooth telephones.
- ▶ Select an authorised mobile phone from the list.
- ▶ Select Options → Reception volume or Transmission volume.

- i** The Reception volume and Transmission volume options are greyed out when

the selected mobile phone is not yet authorised.



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- ① Indicator for current volume setting

- ▶ **To set the volume:** turn or slide .

- ▶ **To close the setting scale:** press or slide .

or

- ▶ Press the button.

Using the telephone book

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 has no phone number, the entry does not appear in the phone book. In addition, the first position is the MB Contact entry with which you can place a call to the Mercedes-Benz Service Centre (▷ page 128).

You can also store telephone numbers directly in the phone book or adopt existing data. Each telephony type has its own way of making entries in the phone book:

- Convenience telephony*: adopts the phone book from the mobile phone (imports contacts)
- telephony via Bluetooth® interface: adopts the mobile phone's phone book (imports contacts) if the mobile phone supports the

* optional

PBAP Bluetooth® profile (Phone Book Access Profile).

- Bluetooth® interface: receives vCards

i The stored phone book and the vCards remain in COMAND, even if you use COMAND with another mobile phone. They can also be viewed without a mobile phone. For this reason, delete the phone book before selling or transferring ownership of your vehicle.

The functions:

- Importing contacts (▷ page 125)
- Receiving vCards (▷ page 126)
- Deleting contacts (▷ page 127)

are described in the "Address book" section.

Calling up the phone book

► Select Name in the telephone basic menu. If the phone book contains entries, these will be displayed alphabetically. The smart speller appears in the lower section of the display.



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- ① Address book entry
- ② To call up options
- ③ Smart speller
- ④ Icon for phone book entry from the mobile phone
- ⑤ To close the phone book
- ⑥ Icon for voice tag

Sym- bol	Explanation
	Address book entry that has been entered or changed via COMAND
	Address book entry with voice tag i These entries have also been assigned a voice tag. Voice entries are available in vehicles with Linguatronic® (▷ separate operating instructions).
	Phone book entry on the mobile phone
	Entries imported from the memory card
	Entries imported via the Bluetooth® interface

► **To switch from the smart speller to the list:** slide repeatedly or press and hold the button until the smart speller disappears.

or

► Select .

► **To switch from the list to the smart speller:** select Back from the list.

Using the multi-function steering wheel




- Use or to select the Tel menu.
- Use or or to call up the phone book.

Selecting an entry with the smart speller

- ▶ Switch to the smart speller when the list is displayed.

Selecting characters in the smart speller

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

- ▶ **To select a character:** turn  or slide .
- ▶ **To confirm your selection:** press .

The first entry which starts with the selected letter is highlighted in the list. If there are similar entries, the next character which is different will be displayed. 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 one by one for the entry you are searching for.
When the selection is clear, COMAND switches automatically to the list.

- ▶ **To complete the search:** switch from the smart speller to the list.

The first list entry is automatically highlighted.


Entering characters using the number keypad

Alternatively, you can also enter digits using the number keypad (direct entry) (▷ page 24).



Deleting characters

- ▶ **To delete individual characters:** select  and briefly press .


or

- ▶ Press the  button next to the COMAND controller.

Each time you enter or delete a character, the closest match will be displayed at the top of the list.

- ▶ **To delete an entire entry:** select  and press and hold down  until the entry has been deleted.


or

- ▶ Press and hold the  button next to the COMAND controller until the entire entry is deleted.




Changing the smart speller language

- ▶ Select .
- ▶ Select the desired language.






Changing the smart speller character set

- ▶ Select .
- The character set changes each time you make this selection.



Selecting an entry directly from the list



- ▶ Switch to the smart speller when the list is displayed (▷ page 106).
- ▶ Turn  or slide  until the desired entry is highlighted.
- ▶ **To confirm your selection:** press .

Using the multi-function steering wheel

- ▶ Use  or  to select the Tel menu.
- ▶ Use  or  or  to call up the phone book.


- ▶ **To select an entry:** press and hold down the  or  button until the desired entry is highlighted.





- i** 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.

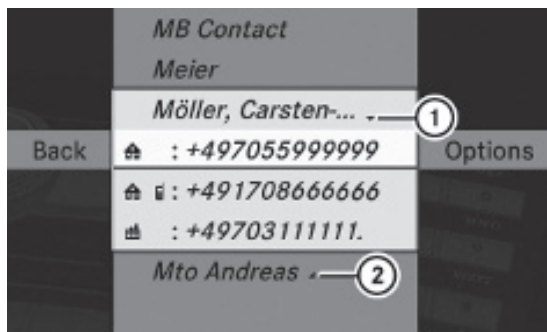
- ▶ **To make a call:** press the  or  button.

108 Using the telephone book

Selecting a phone number

You can tell that an entry has several telephone numbers by the  icon.

- ▶ Select a phone book entry with the  icon and press .
- The sub-entries appear. The  icon changes to .








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- ① Expanded address book entry
- ② Address book entry with sub-entries

- ▶ Turn  or slide  and select the desired sub-entry.

Using the multi-function steering wheel

If an entry has several phone numbers, these are displayed.

- ▶ Select a phone book entry and press the  or  button.
- The sub-entries appear.
- ▶ Select the desired sub-entry with the  or  button or press the  button.

Deleting an entry from the phone book

Address book entry selected:

All of the entry's phone numbers are deleted. If the address book entry only contains phone numbers, it is deleted from the address book.



Phone number selected:

The phone number is deleted from the address book.

- ▶ Select an entry from the list.
- ▶ Select Options → Delete.
- A prompt appears, asking whether the entry should be deleted.
- ▶ Select Yes or No.
- Yes is selected: the entry is deleted in accordance with the rules described above.

Displaying details about an entry

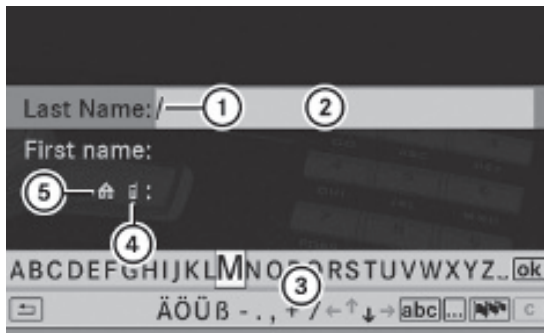
COMAND can also show a shortened entry in full.

- ▶ Select an entry from the list.
- ▶ Select Options → Details.
- The detailed display appears.
- ▶ **To close the detailed display:** slide  repeatedly until the entry is highlighted again.
- or
- ▶ Press the  button.

Creating a new phone book entry

The entry is created in the phone book and in the address book.

- ▶ Select Options → New entry in the COMAND phone book.
- ▶ Select a number category, e.g. Home (▷ page 112).
- ▶ Select a telephone category, e.g. Mobile (▷ page 112).
- ▶ Select Save.
- The input menu with data fields appears.



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- ① Cursor
- ② Data field
- ③ Smart speller
- ④ Selected phone category
- ⑤ Selected number category

Switching the data field

Option 1

- ▶ Slide until the smart speller disappears.
- ▶ Then slide .

Option 2

- ▶ Select or in the input characters. The input menu displays the data field selected.
- ▶ Select the data field and press .

Entering data in a field

- ▶ Select all characters in smart speller ③ one after the other.

i The smart speller offers the characters that correspond to the selected data field.

- ▶ **To toggle upper and lower case for the smart speller:** select or .
- ▶ **To change the character set for the smart speller:** select . The character set changes each time you make this selection.
- ▶ **To change the language for the smart speller:** select .

- ▶ Turn or slide until the desired language is highlighted and then press .
- ▶ **To move the cursor in the data field:** select or .

Deleting an entry

- ▶ **To delete individual characters:** select and briefly press .

or

- ▶ Press the button next to the COMAND controller. The character to the left of the cursor is deleted.

- ▶ **To delete an entire entry:** select and press and hold down until the entry has been deleted.

or

- ▶ Press and hold down the button next to the COMAND controller until the entry is deleted.

Cancelling an entry

- ▶ Select Back.

If one of the data fields contains data, a prompt will appear asking whether you wish to store the entry.

- ▶ Select Yes or No. The entry will either be stored or not, depending on your selection.

Storing an entry

- ▶ Select or press .
- You will see a message to this effect.

Adding telephone numbers to an existing phone book entry

- ▶ Select the phone book entry (▷ page 107).
- ▶ Select Options → Add telephone no.
- ▶ Select a number category, e.g. Home (▷ page 112).





- ▶ Select a telephone category, e.g. Mobile (▷ page 112).
- ▶ Select Save.

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.
If you select Yes, a selection list will appear containing the five existing numbers.
- ▶ Select the number to be overwritten.
The input menu with the data field for entering the new telephone number appears.
- ▶ **To enter digits:** select the required digits in sequence from the input characters.




or

- ▶ Press the corresponding number keys.
- ▶ **To move the cursor in the data field:** select  or .
- ▶ **To delete individual digits:** select  and briefly press the  button.

or

- ▶ Press the  button next to the COMAND controller.
The digit to the left of the cursor is deleted.
- ▶ **To delete an entire entry:** select  and press and hold down  until the entry has been deleted.

or

- ▶ Press and hold down the  button next to the COMAND controller until the entry is deleted.
- ▶ **To save an entry:** select  and press .

Using call lists

COMAND displays lists of calls received (including missed calls) and made during phone operation. Call lists are not available unless a mobile is connected to COMAND.

You can find out here how to connect a mobile phone to COMAND:

- Convenience telephone* (▷ page 101)
- Bluetooth® telephone via Bluetooth® interface (▷ page 98)

COMAND supports the Bluetooth® profile PBAP. For this reason, note that the system behaviour differs, especially when telephoning via the Bluetooth® interface:

- Convenience telephone* or Bluetooth® telephone with Bluetooth® profile PBAP:
The call lists are downloaded automatically from the mobile phone by COMAND as soon as the mobile phone is connected to COMAND.
COMAND displays entries without time information if they have been downloaded from a Convenience telephone*.
- Bluetooth® telephone without Bluetooth® profile PBAP:
The call lists are created and displayed by COMAND.

i For Bluetooth® telephones without the Bluetooth® profile PBAP, the call lists in COMAND are not synchronised with those of your mobile phone. These calls may or may not be listed on your mobile phone, depending on the model.


i If no mobile phone is found, the Call lists menu item is greyed out. 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.

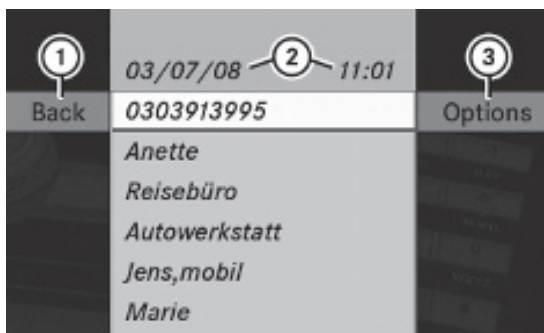
* optional

i 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.

Selecting an entry from the call list


- ▶ Select Call lists from the telephone basic menu.
A menu appears.
 - ▶ Select Incoming calls or Calls dialled.
The corresponding list appears.
- or
- ▶ If the telephone basic menu is displayed, press the  button in COMAND.
The Calls dialled list appears.



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Example display: list of phone numbers dialled

- ① To close the list
- ② Date/time and phone number of the selected entry
- ③ To call up options

i When the list is called up with the  button, it only displays the telephone numbers.

i Incoming calls which you could not or did not want to answer are marked with an icon in front of the name or phone number.

▶ **To select a list entry:** turn  or slide .

▶ **To select a phone number:** select .

▶ **To close the list:** select Back.

or

▶ Press the  button next to the COMAND controller.

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 Bluetooth® profile PBAP.

If you use call lists from a Bluetooth® telephone with the support of the Bluetooth® profile PBAP or Convenience telephone*, you cannot delete them from COMAND.

i If you delete the call lists from the mobile phone (separate mobile phone operating instructions), COMAND updates the call list display the next time it connects. The call lists are empty in the case described.

- ▶ Select Call lists → Delete call lists from the telephone basic menu.
A query appears asking if all call lists are to be deleted.
- ▶ Select Yes or No.
The call lists will either be deleted or not, depending on your selection.

Displaying details about a list entry

COMAND can also show a shortened list entry in full.

- ▶ Select the list entry.
- ▶ Select Options → Details.
The detailed display appears.

* optional

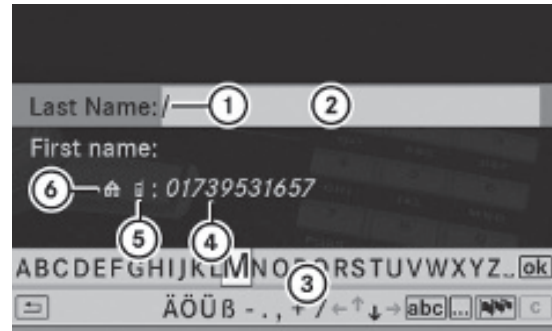
▶ **To get back to the list:** slide ←⊙→ until the list is highlighted.

or

▶ Press the  button next to the COMAND controller.

▶ Select Save.

An input menu appears with data fields. The data field for the telephone number is filled in automatically.



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- ① Cursor
- ② Data field
- ③ Two-line input characters
- ④ Data field for telephone number (is filled in automatically)
- ⑤ Telephone category
- ⑥ Number category

▶ For the following operating steps:

- switching the data field
- entering data
- deleting an entry
- cancelling an entry
- storing an entry

proceed as described in the "Creating a new phone book entry" section (▶ page 108).

Adding a phone number to an existing address book entry

- ▶ Open a call list.
- ▶ Select the list entry.
- ▶ Select Options → Save → Add no.

i Save has no function if the selected list entry is already stored.

- ▶ Select a number category, e.g. Home.
- ▶ Select a telephone category, e.g. Mobile.

Storing a phone number which has not yet been stored



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.




Saving as a new entry


- ▶ Open a call list.
- ▶ Select the list entry.
- ▶ Select Options → Save → New entry.

i Save appears greyed out if the selected list entry is already stored in the address book.

- ▶ Select a number category, e.g. Home.
- ▶ Select a telephone category, e.g. Mobile.

Number category	Display (telephone and address book)
Not classified	No icon
Home	
Work	

Telephone category	Display (telephone and address book)
Not classified	No icon
Landline	
Mobile	
Car	

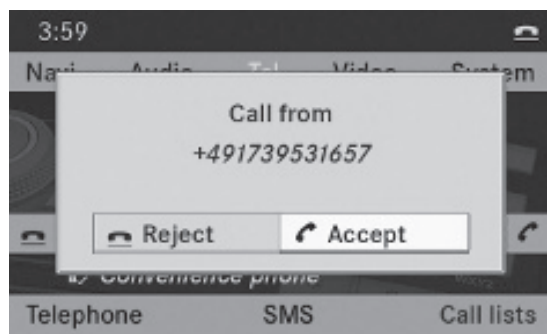
- ▶ Select Save.
The search menu for address book entries appears.
- ▶ Search for the desired entry.
- i** There is a detailed description of how to search for an address book entry in the "Searching for an address book entry" section (▶ page 121).
- ▶ Press  when you have finished searching. COMAND 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.
If you select Yes, a selection list with the five existing numbers is displayed.
- ▶ Select the number to be overwritten.
COMAND overwrites the selected number with the new data.

Using the telephone





Incoming call

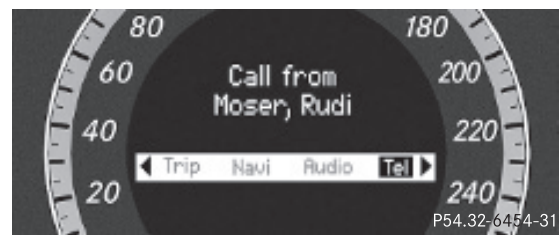
Rejecting or accepting a call

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



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- ▶ **To reject:** select Reject and press .
- or
- ▶ Press the  button on the COMAND controller or the multi-function steering wheel.
- ▶ **To accept:** select Accept and press .
- or
- ▶ Press the  button on the COMAND controller or the multi-function steering wheel.



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


Example display in the multi-function display

Once you have accepted the call, you can conduct your telephone call using the hands-free system. The call volume can be adjusted (▶ page 105). For more information, see the "Functions during a single call connection" section (▶ page 115).




i Either the phone number, the phone number and name (if there is an entry for the number in the address book) or Unknown (if the telephone number is withheld) appears in the display.

i You can also accept a call as described above when COMAND is showing the display of a different main application. The display switches to the telephone display after you accept the call. After the call is finished, you see the display of the previous main application again.



Making an outgoing call**Entering a telephone number using the number keypad**

- ▶ Call up the telephone basic menu.
 - Convenience telephony* (▷ page 103)
 - Telephony via the Bluetooth® interface (▷ page 101)
- ▶ Select the required digits in sequence on the number keypad.
- ▶ **To delete an individual digit:** press the  button briefly.
- ▶ **To delete an entire phone number:** press and hold the  button until the number is deleted.
- ▶ **To connect a call:** press the  button on the COMAND controller.

or



- ▶ Using the multi-function steering wheel, press  or  to select the Audio menu.
- ▶ Press the  button.

Entering the telephone number using the COMAND controller


- ▶ Call up the telephone basic menu.
 - Convenience telephony* (▷ page 103)
 - Telephony via the Bluetooth® interface (▷ page 101)
- ▶ **To enter digits:** select the required digits in sequence.
- ▶ **To delete individual digits:** select  and briefly press the  button.


or

- ▶ Press the  button next to the COMAND controller.


- ▶ **To delete an entire number:** select  and press and hold down  until the entry has been deleted.

or


- ▶ Press and hold down the  button next to the COMAND controller until the entry is deleted.

- ▶ **To connect a call:** select  at the bottom right-hand side of the speller.


or

- ▶ Press the  button on the COMAND control panel.

Redialling

- ▶ Call up the telephone basic menu.
 - Convenience telephony* (▷ page 103)
 - Telephony via the Bluetooth® interface (▷ page 101)
- ▶ Select  at the bottom right-hand side of the speller.







or

- ▶ When the telephone basic menu is displayed, press the  button on the COMAND control panel. The list of dialled numbers appears. The most recently dialled number is at the top.

- ▶ **To select a call:** turn  or slide 

- ▶ **To connect a call:** press .

Using the multi-function steering wheel


- ▶ Use  or  to select the Tel menu.
- ▶ **Scroll through the list of called phone numbers:** press  or  to select the name or number you are looking for.
- ▶ **To connect a call:** press  or  on the multi-function steering wheel.

* optional

Connecting a call to an entry on a call list or in the COMAND phone book

- ▶ Call up a call list and select an entry (▶ page 111).

or








- ▶ Call up the COMAND phone book and select an entry (▶ page 106).
- ▶ **To connect a call:** press .

or



- ▶ Press the  button.



Connecting a call to a COMAND phone book entry via the multi-function steering wheel

If you have imported contacts, you can select the phone book entries of the mobile phone by using the multi-function steering wheel.




- ▶ Use  or  to select the Tel menu.
- ▶ Press ,  or  to switch to the phone book.
- ▶ Press ,  to select the name you want.

i The stored names are displayed alphabetically.

i If you keep the  or  button pressed for longer than one second, the multi-function display skips from the seventh entry shown to the first entry for the next initial letter and so on. It stops skipping again when you release the button.

- ▶ **To connect a call:** press  or  on the multi-function steering wheel. The Connecting call... message appears in the multi-function display along with the number being dialled or the name, if it is stored in the phone book. The number dialled is stored in the appropriate call list.

i If there are several numbers for this name, you first see a list of sub-entries.

- ▶ Press  or  to select the phone number you want.
- ▶ Press the  button again to place the call.

Functions available during a single call connection





Telephone operation with a single call

- ① Person you are calling
- ② Icon for active telephone connection
- ③ To switch hands-free microphone on or off
- ④ To send DTMF tones (not possible with all mobile phones)
- ⑤ 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.
- ▶ **To switch off:** select Mike off. 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 Mike on. The  icon goes out. You will briefly see the The microphone is on message.

DTMF tone transmission

i 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.

▶ **To send individual characters:** select the desired characters during a call.

or

▶ Press the corresponding button on the COMAND control panel.
Every character selected will be transmitted immediately.

▶ **To send a phone book entry as a DTMF character string:** select Name.

▶ Select the desired phone book entry.
The entry is sent as a DTMF character string.


▶ **To switch back to the call display:** select Back.

Ending an active call

▶ If the menu of another main function is shown, switch the display to the telephone function.

▶ **To end a call:** select .

or

▶ Press the  button on the COMAND controller or the multi-function steering wheel.



Rejecting or accepting a waiting call

i The "Call waiting" function must be supported by the telephone provider and be enabled.

If you are on the telephone and you receive another call, the call waiting display will appear. You also hear an acoustic signal.


▶ **To reject:** select Reject.

or

▶ Press the  button on the COMAND control panel or the  button on the multi-function steering wheel.

▶ **To accept:** select Accept.

or

▶ Press the  button on the COMAND controller or the multi-function steering wheel.

This ends the active call.

The active call is also ended when you accept the waiting call using Lingua-tronic®.

If you accept the waiting call using the mobile phone, the active call will be put on hold. You then have two calls. The call you have just accepted is active.

Transferring a call (Convenience telephony*)

From the hands-free system to the mobile phone

▶ Take the mobile phone out of the bracket*.

The Telephone not inserted display appears in the COMAND display. Subsequent operation is only possible using the mobile phone.

From the mobile phone to hands-free mode

▶ Insert the mobile phone into the bracket*. Once the call has been transferred to hands-free mode, all the functions will be available to you which are described in the "Functions during a single call connection" section (▶ page 115).

* optional

Text messages (convenience telephony*)

Text message functions

The following text message functions are available:

- receive
- read
- manage text messages


The following conditions must be fulfilled in order to use the functions:

- the mobile phone is inserted in the bracket* and switched on
- the PIN has been entered
- the mobile phone is logged into a mobile phone network


When connecting the mobile phone with COMAND, the 30 most recent text messages which are currently stored on the phone are loaded to COMAND's text message (SMS) inbox and displayed.

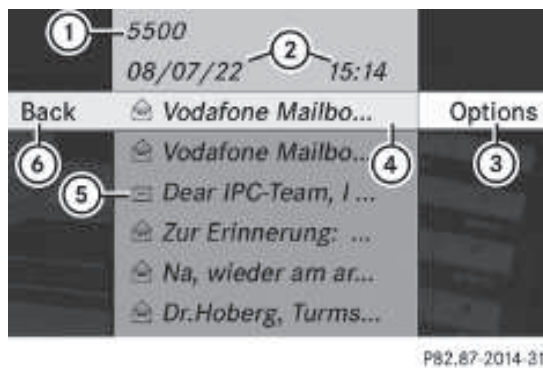
i COMAND does not load the most recent text messages:

This may occur in exceptional cases, for example, when using certain mobile phones/mobile phone brackets* and when the mobile phone inbox holds many text messages.


When the mobile phone is connected to COMAND via the bracket*, newly received text messages will be displayed in COMAND's text message inbox. An audible signal can also be heard and the  icon appears.

Displaying the text message inbox

- ▶ Press the  function button.
- ▶ Select SMS.
The text message (SMS) inbox appears.



Text message (SMS) inbox

- ① Shortened text or sender of the selected text message (depending on setting)
- ② Reception date and time of the selected text message
- ③ To call up options
- ④ Highlighted text message
- ⑤  Icon for unread text message (SMS)
- ⑥ To return to the telephone basic menu

Switching the display

You can switch between displaying the sender of the text message (SMS) and text display.

The sender display shows the sender of the messages. If the sender is stored in the COMAND phone book, the name is displayed. The text display shows the first few words of a text message (SMS).

- ▶ **To switch to text display:** select Options → Display text.
The view changes.
- ▶ **To switch to sender display:** select Options → Display sender.
The view changes.

Selecting a text message

- ▶ **To select:** slide    in the list.

Displaying details


COMAND can also show a shortened sender display in full.

* optional

118 Text messages (convenience telephony*)

- ▶ Select a text message (SMS) from the list.
- ▶ Select **Options** → **Details**.
The detailed display appears.
- ▶ **To close the detailed display:** slide
←⊙→.



or

- ▶ Press the  button.


Returning to the telephone basic menu

- ▶ Select **Back**.

Reading a text message (SMS)

- ▶ Select a text message (SMS) from the text message (SMS) inbox and press ⊙.
The text message appears.
- ▶ **To scroll through the display or select telephone numbers in the text:** turn  ⊙  or slide ↑⊙↓.
The display scrolls up or down line by line, or skips to the next or previous telephone number and automatically highlights it.
- ▶ **To return to the list:** press ⊙ and select **Back**.

Listening to a text message (SMS)

- i** You can set the language and speed of the read-aloud function (▶ page 38).
- ▶ While the text message (SMS) is displayed, press ⊙ and select **Read aloud**.
COMAND reads out the text message.
- ▶ **To cancel the read-aloud function:** press the  button.

or

- ▶ Press ⊙ and select **Cancel read-aloud function**.

Managing text messages

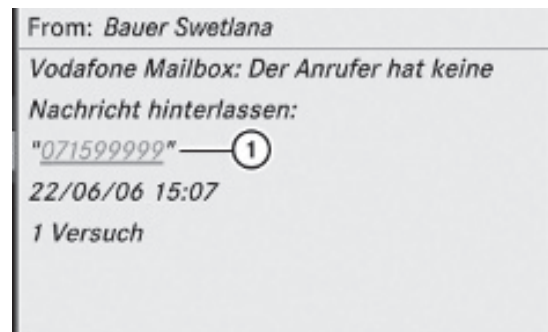
Calling a text message sender

- ▶ While the text message (SMS) is displayed, press ⊙ and select **Call sender**.
The telephone makes the call to the sender.

Using phone numbers in the text

You can use numbers in the text if they are red and underlined.

- i** It may occur that a highlighted numerical sequence cannot be called.
- ▶ When the text message (SMS) appears, select a number that can be used.



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- ① Usable numerical sequence
- ▶ Press ⊙ and select **Use**.
- ▶ Select **Call**.
The call is made.
- i** You can use the "New entry" or "Add no." function to save this telephone number or to add it to an existing entry.

Storing the sender as a new address book entry

- i** This function is not possible if the sender's telephone number is already stored in the address book.

* optional

- ▶ Press and select Save number → New entry.
- ▶ Proceed as described in the "Saving a new entry" section (▶ page 112).

Storing a text message (SMS) sender in an existing address book entry

- ▶ Press and select Save number → Add telephone no.
- ▶ Proceed from the step "Select a number category" in the "Adding telephone numbers to a phone book entry" section (▶ page 109).

Deleting a text message

The function deletes the text message (SMS) in COMAND and on the mobile phone.

- i** The function is not supported by all mobile phones.
- ▶ Select a text message (SMS) from the inbox.
- ▶ Select Options → Delete.
A deletion prompt appears.
- ▶ Select Yes or No.
The text message will either be deleted or not, depending on your selection.

Using the address book

General notes

The address book organises and stores entries which are entered from different sources (mobile phone, PCMCIA memory card, COMAND telephone book, navigation function) (▶ page 105).

You can use these entries to make telephone calls and for navigation.

- i** Address book entries are not deleted when the mobile phone is removed. For this reason, you should delete your personal data using the reset function before selling your vehicle, for example (▶ page 41).

Calling up the address book

From another main function

- ▶ Select Tel → Tel → Address book.
- i** If the address book was last open in the telephone function, you only need to select Tel.

From telephone mode

- ▶ Select Tel → Address book.
The address book basic display appears.



Address book with address book entry and navigable destination address

- i** An address book entry is made up of a surname, a first name and a company name and may contain up to five telephone numbers for each private and business address.

Address book menu overview

Address book	Searching	New	Deleting
Importing contacts (from a mobile phone, from the SD memory card, receiving vCards) Deletes contacts	Searching for an address book entry	Creating a new address book entry	Deleting an address book entry

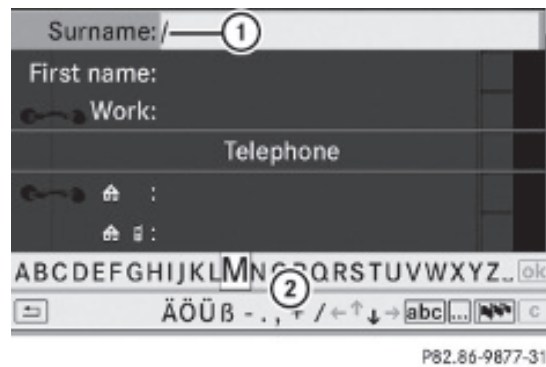
Telephone

Selecting an entry in the address book

- ▶ Turn or slide when the display/selection window is active.

Creating a new address book entry

- i** You can enter address data directly in the address book. If you store telephone numbers in the COMAND phone book, these are saved in the address book. If you store a navigation destination, COMAND creates an address book entry which includes the complete navigable address data.
- i** In certain countries, this function is not available if the vehicle is travelling at more than approximately 5 km/h. As soon as the vehicle speed drops below about 3 km/h, the function is available again.
- ▶ Call up the address book (▶ page 119) and select New.
The input menu containing data fields and the smart speller appears.



Input menu with data fields

- ① Selected data field with cursor
- ② Two-line input characters

Switching the data field

- ▶ Slide repeatedly until the smart speller disappears.
 - ▶ Then slide and press .
- or
- ▶ Select or in the speller.
The input menu displays the data field selected.

Entering data in a field

- ▶ Select all characters in smart speller ② one after the other.
- i** The smart speller offers the characters that correspond to the selected data field.
- ▶ **To toggle upper and lower case for the smart speller:** select or .

- ▶ **To change the character set for the smart speller:** select .
The character set changes each time you make this selection.
- ▶ **To change the language for the smart speller:** select .
- ▶ Turn or slide until the desired language is highlighted and then press .
- ▶ **To move the cursor in the data field:** select or .

Deleting

- ▶ **To delete individual characters:** select and briefly press .
- or
- ▶ Press the button next to the COMAND controller.
The character to the left of the cursor is deleted.
 - ▶ **To delete an entire entry:** select and press and hold until the entry has been deleted.
- or
- ▶ Press and hold the button next to the COMAND controller until the entire entry is deleted.

Cancelling an entry

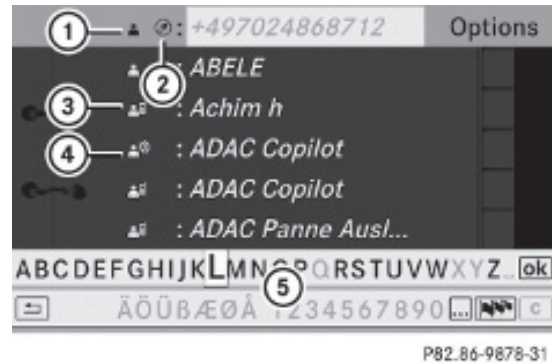
- ▶ Select .
- If one of the data fields contains new data, a prompt will appear asking whether you wish to store the entry.
- ▶ Select Yes or No.
The entry will either be stored or not, depending on your selection.

Storing an entry

- ▶ Select .
- The address book displays the entry.

Searching for an address book entry

- ▶ Call up the address book (▶ page 119) and select Search.
If there are more than eight entries, the search menu with the smart speller appears.



Search menu with smart speller

- ① Icon for address book entry
- ② Icon for complete address data from the navigation
- ③ Icon for phone book entry from the mobile phone
- ④ Icon for voice tag
- ⑤ Smart speller

Other icons are explained on (▶ page 106).

Switching from the smart speller to the list





- ▶ Slide or press and hold it until the smart speller is hidden.
- or
- ▶ Select .

Switching from the list to the smart speller







- ▶ Select Back from the list.
- or
- ▶ Press the button next to the COMAND controller.

Searching

Searching with the smart speller

- ▶ Switch to the smart speller when the list is displayed.
- ▶ **To change the language for the smart speller:** select .
- ▶ **To change the character set for the smart speller:** select . Depending on the previous setting, you will change to letters with special characters or to numbers with special characters.
- ▶ **To enter characters:** select the characters one by one of the entry you are searching for.
- ▶ **To delete individual characters:** select  and briefly press .



or

- ▶ Press the  button next to the COMAND controller. Each time you enter or delete a character, the closest match will be displayed at the top of the list.
 - ▶ **To delete an entire entry:** select  and press and hold  until the entry has been deleted.
- or
- ▶ Press and hold the  button next to the COMAND controller until the entire entry is deleted.
 - ▶ **To complete the search:** switch from the smart speller to the list, slide . The entry at the top of the list is automatically highlighted.
 - ▶ **To return to the address book:** if necessary, switch from the list to the smart speller and select  in the smart speller.

or

- ▶ Press the  button next to the COMAND controller.

Searching using the list


- ▶ Switch to the list when the smart speller is displayed (▷ page 121).
- ▶ Turn  or slide  until the desired entry is highlighted in the list.

Deleting an entry

- ▶ Search for the desired entry (▷ page 121).
 - ▶ Select Options → Delete.
- or
- ▶ Select Delete from the address book (▷ page 119). A deletion prompt appears.
 - ▶ Select Yes or No. The entry will either be deleted or not, depending on your selection.

- i** Deleting a mobile phone book entry only deletes the entry in the address book, not on the mobile phone.

Displaying details about an address book entry

- ▶ Switch from the smart speller to the list (▷ page 121).
- or
- ▶ Select an address book entry from the address book (▷ page 120).
 - ▶ Press the  button. The detailed display appears.



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Detailed display for home details

- ① To go back to the previous menu
- ② Selected data field
- ③ Icon for home details
- ④ To call up options
- ⑤ Icon for business details

Selecting a different data field

- ▶ Turn or slide .

Displaying abbreviated content in full

- ▶ Select Options → Details.
The display is shown in full.
- ▶ **To close the entire display:** slide or press .

or

- ▶ Press the button next to the COMAND controller.

Closing the detailed display

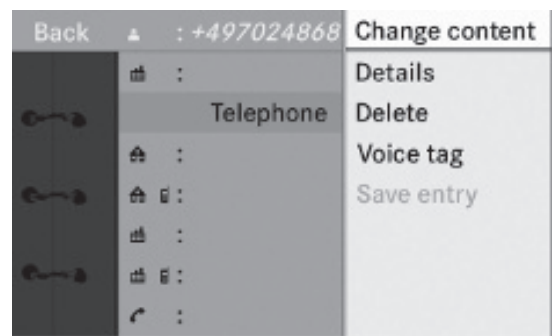
- ▶ Select Back.
- or
- ▶ Press the button next to the COMAND controller.

Changing an entry

- ❗ In certain countries, this function is not available if the vehicle is travelling at more than approximately 5 km/h. As soon as the vehicle speed drops below about 3 km/h, the function is available again.

Changing an address book entry

- ▶ Search for the address book entry (▷ page 121).
- ▶ Select Options.
- or
- ▶ Display details about an address book entry.
- ▶ Select Options.



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- ▶ Select Change content.
The input menu with data fields appears.
- ▶ Proceed from the step "To change the data field" in the "Creating a new address book entry" section (▷ page 120).

Changing the category of a telephone number data field


- ▶ Display the details of the entry and highlight the telephone number data field.
- ▶ Select Options → Change category.
- ▶ Select a number category, e.g. Home.
- ▶ Select a telephone category, e.g. Mobile.
- ▶ Select Preferred, where applicable.
Depending on the previous state, switch the option on or off . The phone

number is displayed as the first number in the phone book and can be dialled immediately.

- ▶ Select Save.
The new category is stored.

Calling a number stored in an entry


The mobile phone must be inserted in the mobile phone bracket* or be connected via the Bluetooth® interface.


- ▶ Display the details of the entry and highlight the telephone number data field (▷ page 122).
- ▶ Press the  button.
The call is made. The display switches to the telephone operation screen.

or

- ▶ Select Options → Call.
The call is made.

Starting route guidance to an entry

- ▶ Search for an address book entry (▷ page 121).
- ▶ Display the details about an entry and highlight the address data field (▷ page 122).
- ▶ Press the  button.

i Pressing  only works if the address data field contains complete data.

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.

Address data is complete and matches the digital map data

COMAND begins route calculation after you select Navigate.

Address data is incomplete or does not match the digital map data

COMAND can only carry out the route calculation process when the country, the town or postcode, the street name and, if appropriate, the house number are entered correctly. The entries for the town and street name must be identical with the destination entry.

The country can be written as follows:

- in the language of the country concerned
- in the language set as the system language
- as an international country abbreviation for vehicles (e.g. D for Germany, E for Spain, F for France, I for Italy, etc.)

After Navigate is selected, a message appears stating that the address is incomplete.

- ▶ **To close the message:** select OK.

Depending on which data is missing or does not correspond with the digital map data, you must now:

- select a country
- enter a town
- enter a street
- enter a house number
- ▶ **To select a country:** select the desired country from the list.
- ▶ **To enter a town:** proceed in the same way as you would enter a destination as described in the "To enter a town" section (▷ page 58).
- ▶ **To enter a street:** proceed in the same way as you would enter a destination as described in the "To enter a street" section (▷ page 62).
- ▶ **To enter a house number:** proceed in the same way as you would enter a destination

as described in the "To enter a house number" section (▷ page 64).

If the data is complete and it matches the digital map data, COMAND starts route calculation.

Voice tags

i You can enter voice tags using Linguatronic®.

Adding or changing a voice tag

i You can add one voice tag per address book entry.

▶ Search for an address book entry with or without a voice tag (👤) icon) (▷ page 121).

▶ Select Options → Voice tag → Add or Change.

The subsequent operation is voice-controlled. Linguatronic® guides you through the dialogues (▷ Linguatronic operating instructions).

Deleting a voice tag

▶ Search for an address book entry with a voice tag (▷ page 121).

▶ Select Options → Voice tag → Delete.

A deletion prompt appears.

▶ Select Yes or No.

COMAND deletes the voice tag depending on your selection.

Listening to a voice tag

▶ Search for an address book entry with a voice tag (▷ page 121).

▶ Select Options → Voice tag → Listen.

You hear the voice tag.

Storing phone book entries in the address book

You can use this function to store phone book entries which have been imported:

- from the mobile phone
- from the memory card
- via the Bluetooth® interface

in the address book. You can identify these entries in the phone book by the different icons (▷ page 106).

If you delete imported contacts from the phone book (▷ page 127), the entries remain in the address book.

▶ Search for the phone book entry of the mobile phone (👤📱 display) (▷ page 121).

▶ Select Options → Save entry.

The Saving procedure successful message appears. The phone book entry is now stored as an address book entry. The 👤📱 icon is replaced with the 👤 icon.

Importing contacts

Notes and requirements

You can import contacts from the mobile phone or the PCMCIA memory card into the address book or receive vCards via Bluetooth®.

The 👤📱 icon in the address book indicates phone book entries which have been imported from the mobile phone.

i Depending on the mobile phone used, this function imports only the phone book entries in the mobile phone or also the phone book entries in the SIM card.

Entries imported from the PCMCIA memory card have the 👤💻 icons.

Received vCards are identified by the 👤 icon and **BT**.

Depending on the source of the contact data, different requirements apply:

Convenience telephony*

- Bluetooth® must be activated in COMAND (▷ page 40).
- This function only becomes available once the text messages have been automatically downloaded to COMAND from the Convenience telephony*. Depending on the mobile phone, this process may take some time.

Mobile phone with Bluetooth® profile PBAP


- 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 98)

PCMCIA memory card

- The PCMCIA memory card is inserted (▷ page 142) and contains importable contact data.

You can find the requirements for receiving vCards on (▷ page 126).

Importing from the Convenience telephone* or a Bluetooth® mobile phone using PBAP


- ▶ Select **Address book** or, if the telephone basic menu is being displayed, **Telephone**.
- ▶ Select **Import contacts**.
A menu appears.
- ▶ Select **From mobile phone**.
- ▶ Select **Add or Overwrite**.
Selecting **Add** imports the phone book entries from the mobile phone into the address book.
Selecting **Overwrite** imports the telephone entries from the mobile phone and overwrites all phone book entries in the address book with the  icon. The previous phone book entries are then no longer available.

After successfully importing the contact data you see a message to this effect. The address book or the telephone basic menu in question is displayed.

- i** You can select the **Overwrite** menu item if the address book already contains phone book entries. If the address book is full, you see a message to this effect.

Importing from the memory card

- ▶ Select **Address book** or, if the telephone basic menu is being displayed, **Telephone**.
- ▶ Select **Import contacts**.
A menu appears.
- ▶ Select **From the memory card**.
- ▶ Select **Add or Overwrite**.
Selecting **Add** imports the entries from the PCMCIA memory card into the address book.

Selecting **Overwrite** imports the entries from the PCMCIA memory card and overwrites all entries in the address book with the  icons. The previous entries are then no longer available.

After successfully importing the contact data you see a message to this effect. The address book or the telephone basic menu in question is displayed.

- i** You can select the **Overwrite** menu item if the address book already contains such entries. If the address book is full, you see a message to this effect.

Receiving vCards via Bluetooth®

You can receive vCards from devices (such as a PC) which support the transmission of vCards via Bluetooth®.

It is not necessary to authorise the device in COMAND to do so.

Received vCards are imported into the address book.

Please bear the following in mind:

- Bluetooth® is activated in COMAND and on the Bluetooth® device (▷ operating instructions of the device).
- The Bluetooth® device can send vCards via Bluetooth® (▷ operating instructions of the device).
- The Bluetooth® device in the vehicle is switched on.

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

▶ If the address book is displayed, select Address book → Import contacts → Receive business cards.

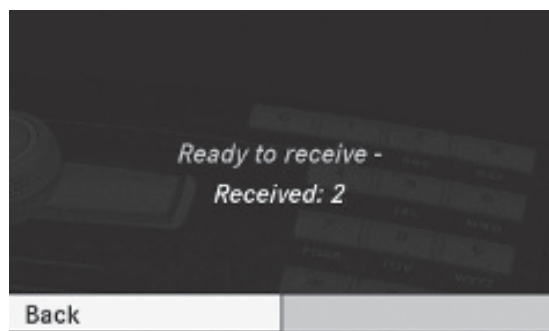
or

▶ If the telephone basic menu is displayed, select Telephone → Import contacts → Receive business cards.

This interrupts the Bluetooth connection between COMAND and your active mobile phone. COMAND is ready to receive vCards from another Bluetooth® device.

▶ Start data transfer on the external Bluetooth device (▷ operating instructions of the device).

The data on the vCards is automatically transferred to the address book. The number of vCards received is displayed.



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▶ **To cancel the transfer:** press .

or

▶ Press the  button.

Deleting contacts

▶ If the address book is displayed, select Address book → Delete contacts.

or

▶ If the telephone basic menu is displayed, select Telephone → Delete contacts. A menu appears.

▶ Select Internal contacts or From mobile phone or From the memory card or Received business cards or Delete all.

A prompt corresponding to your selection appears.

▶ Select Yes or No.

▶ Press the .

If you confirm by selecting Yes, the contacts you have selected are deleted.

Mercedes-Benz Contact

Mercedes-Benz Contact can help you whenever you have questions relating to your vehicle or when you need help in the event of a breakdown.

The function will allow you to place a call to the Mercedes-Benz Customer Centre. All important vehicle data is transferred in order to ensure optimum support.

The following data is transmitted:

- the vehicle identification number
- the mileage
- the vehicle's location

You can make use of the function with an operational mobile phone connected to COMAND via the Bluetooth interface or the convenience telephone*.

! Please note: Mercedes-Benz Contact is a service provided by Mercedes-Benz. In emergencies, it is vital that you first contact the standard national emergency services number.

i Currently (June 2008), this service is available in the following European countries:

- Belgium
- Germany
- France
- United Kingdom
- Ireland
- Italy
- Luxembourg
- Netherlands
- Austria
- Switzerland
- Spain

i Alternatively, the call can also be placed via the multi-function steering wheel (▷ vehicle Owner's Manual).

The display shows the data being transferred. This may take a moment. You can then select the desired service and will be connected to a competent contact at the Mercedes-Benz Service Centre.

i You can find out more about Mercedes-Benz Contact, the scope of services offered and how to operate the function from your Mercedes-Benz Service Centre.


Placing a call to the Mercedes-Benz Service Centre

- ▶ Call up the COMAND phone book (▷ page 106)
The "MB Contact" entry is the first entry in the COMAND phone book. The entry is highlighted.

You have two different means by which to contact the Mercedes-Benz Service Centre:

- ▶ Press the  button.

or

- ▶ Press the  button on the COMAND control panel.
This places the call. A voice announcement will then request that you confirm the data transfer by pressing the specified number on the keypad of the COMAND control panel. With your consent, COMAND will send the required vehicle data.

Audio menu	130
Radio mode and DAB radio mode* ..	130
Audio CD/DVD and MP3 operation .	138
Music Register	152
Media Interface* mode	157
Audio AUX mode	163

130 Radio mode and DAB radio mode*

Audio menu

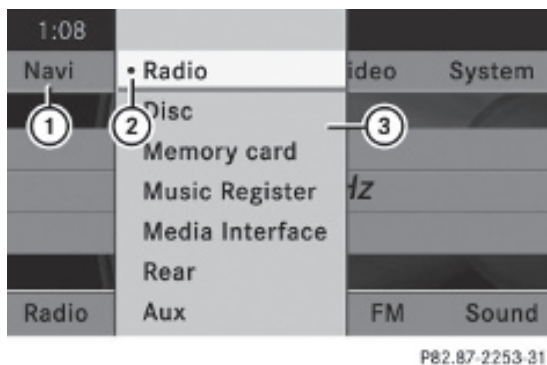
- ▶ Select **Audio**.
The system changes to the last active audio mode.

or

- ▶ Press the **RADIO** function button.
The radio is set to the previously selected waveband or DAB radio mode* is switched on.

- ▶ Select **Audio** again.
The Audio menu appears.

- i** If the system is already in an audio mode, you only need to select **Audio**.



Display with audio menu

- ① Main functions menu bar
- ② Current audio mode
- ③ Audio menu

- i** You can switch between the different audio modes in the audio menu:
 - radio mode and DAB radio mode* (▷ page 130)
 - audio CD/DVD and MP3 mode ("disc" and "memory card" are described together in the instructions) (▷ page 138)
 - Music Register* (▷ page 152)
 - operating with Media Interface* (▷ page 157)
 - AUX mode (▷ page 163)

If your vehicle is equipped with a rear-seat entertainment system*, you can also select the **Rear** menu item. This function allows you to play back the sound of one of the rear-compartment monitors* via the vehicle's loudspeakers.

Radio mode and DAB radio mode*

- i** You will find information on the COMAND operating system and on operation in the "At a glance" section (▷ page 14).

- i** Portable electronic devices in the vehicle may seriously impair radio reception.

DAB radio mode*

DAB (Digital Audio Broadcasting) is an optimised digital transmission standard designed for the mobile reception of radio transmissions. Several programmes are combined into so-called ensembles and transmitted on one single frequency. Digital radio stations can be transmitted nationally, regionally or locally.

- i** The strength of DAB signals varies in different parts of Europe. For this reason, it cannot be received everywhere.

Bit rate and MP2 format

- Bit rate between 32 and 256 kbit/s
- Audio stream is MP2-coded (MPEG1 Audio Layer 2)

Switching to radio mode

Using the COMAND control panel

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

* optional

i Repeatedly pressing the **RADIO** function button switches between the FM, MW, SW and LW wavebands in that order and then calls up DAB radio mode*. Pressing the button again takes you back to FM radio mode.

- ③ Channel preset position
- ④ Sound settings
- ⑤ To switch waveband or to DAB radio mode*
- ⑥ To display radio text
- ⑦ Store functions
- ⑧ Radio functions

Using the COMAND controller

From another main function

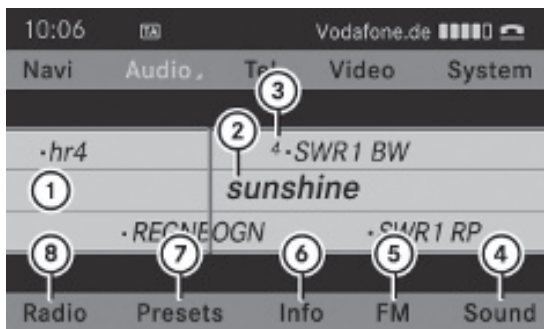
▶ Select Audio → Audio → Radio in the audio menu display.

i If radio mode was the last active mode, you only need to select Audio.

From audio mode

▶ Select Audio → Radio.

The radio display appears. You will hear the last station played on the last waveband.



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Radio basic display

- ① Display/selection window with station or frequency display
- ② Name or frequency of the selected station

* optional

132 Radio mode and DAB radio mode*

Menu overview for radio mode

Radio	Presets	Info	FM (MW, SW, LW, DAB*)	Sound
Station list (in FM waveband only) i You can also call up a station list in DAB radio mode*.	Autostore	Radio text	FM	Treble
Frequency input	Station pre-sets		MW	Bass
<input checked="" type="checkbox"/> Switches frequency fix (only in FM) on/off			SW	Balance/fader
<input checked="" type="checkbox"/> Switches station fix (only in DAB radio mode*) on/off			LW	Surround sound*
<input checked="" type="checkbox"/> Switches TA (traffic announcement) on/off			DAB*	
Active source to rear compartment*				
Rear compartment off*				

Audio

Switching wavebands

You can switch the radio between the FM, MW, LW and SW wavebands.

- ▶ Select FM, DAB, MW, SW or LW in the radio display.
- ▶ Select the desired waveband.
You will hear the last station on the selected waveband.

or

- ▶ Press the **RADIO** function button repeatedly until the desired waveband is selected.

- i** Repeatedly pressing the **RADIO** function button switches between the FM, MW, SW and LW wavebands in that order and then calls up DAB radio mode*. Pressing the button again brings you back to FM radio mode.

- i** In the MW, LW and SW wavebands, COMAND shows the station frequency instead of the station name.

Switching the radio to DAB mode*

Using the COMAND control panel

- ▶ Press the **RADIO** function button repeatedly until the DAB radio display appears.

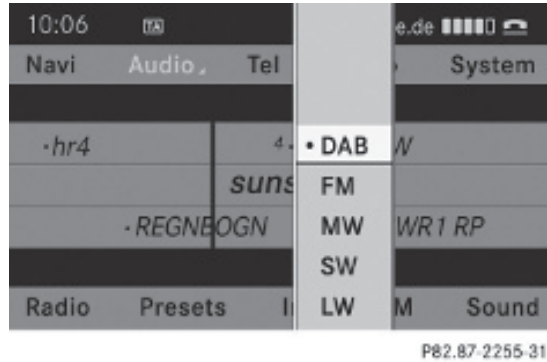
- i** Repeatedly pressing the **RADIO** function button switches between the FM, MW, SW and LW wavebands in that order and then calls up DAB radio mode. Pressing the button again takes you back to FM radio mode.

* optional

Using the COMAND controller

From another main function

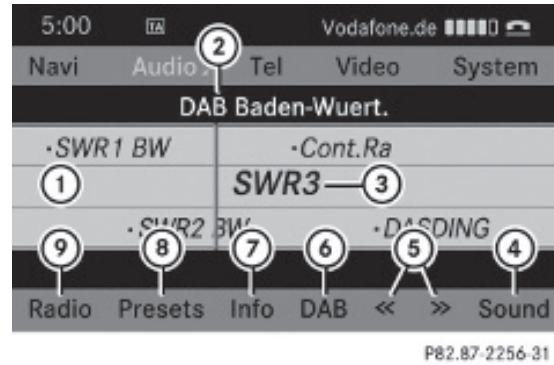
- ▶ Select Audio → Audio → DAB in the audio menu display.



- i** If DAB radio mode was the last active mode, you only need to select Audio.

From audio mode

- ▶ Select Audio → DAB.
The DAB radio display appears. You will hear the last station played in the last ensemble selected.



Basic display of DAB radio mode

- ① Display/selection window with station display
- ② Name of the selected ensemble
- ③ Name of the selected station
- ④ Sound settings
- ⑤ To search for an ensemble
- ⑥ To switch to radio mode (FM, MW, SW, LW switches)
- ⑦ To display radio text
- ⑧ Store functions
- ⑨ Radio functions


Audio

Menu overview for DAB radio mode*

Radio	Presets	Info	DAB (FM, MW, KW, LW)	<<, >> or ■	Sound
Station list	Autostore	Radio text	DAB	Searches for ensemble or cancels search	Treble
Sub-programmes	Station presets		FM		Bass
<input checked="" type="checkbox"/> Switches station fix on/off			MW		Balance/fader
<input checked="" type="checkbox"/> Switches TA (traffic announcement) on/off			SW		Surround sound*

* optional


134 Radio mode and DAB radio mode*

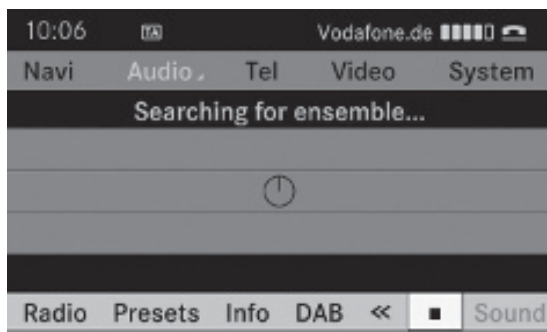
Radio	Presets	Info	DAB (FM, MW, KW, LW)	<<, >> or 	Sound
Active source to rear compartment*			LW		
Rear compartment off*					

Audio

Searching for an ensemble (DAB radio mode*)

An ensemble consists of multiple radio programmes. Every ensemble is transmitted in a certain area (national, regional or local) in the same way as a traditional AM/FM radio station.



- ▶ Select **<<** or **>>** in the DAB radio display. COMAND searches upwards or downwards for ensembles with adequate reception. You will see a message to this effect. **<<** or **>>** changes to .



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The available stations of the next ensemble found are shown in the DAB radio display.

Cancelling a search

- ▶ Select .
- You will hear the last station played in the previous ensemble. The  icon changes to **<<** or **>>**.

Automatically switching to an FM station

When reception gets worse for a DAB station, COMAND automatically changes to the corresponding FM station under the following conditions:

- the FM station's frequency is available
- the *Station fix* (▶ page 137) menu item is turned off.

i If you want to use this function, do **not** switch to FM radio.

If there is no reception, the display shows the message *No reception*.

Selecting a station

You can select stations from the station list or by manually entering the frequency.

Selecting channels from the channel list

i The station list is available in the FM waveband and in DAB* radio mode. It contains all the stations that can currently be received, and is sorted alphabetically. For stations without a programme service, the list shows the frequency instead of the name.

* optional

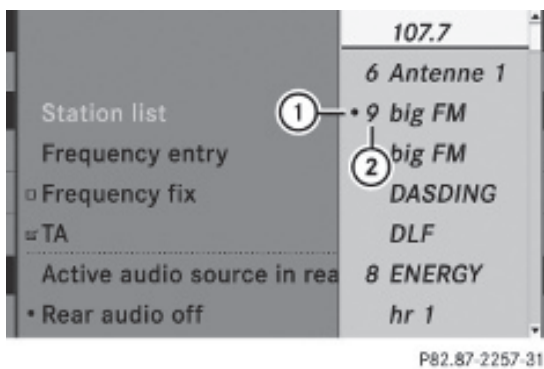
- ▶ Turn or slide when the display/selection window in the radio display is selected.

or

- ▶ Press the or button.
The needle jumps to the left or right.

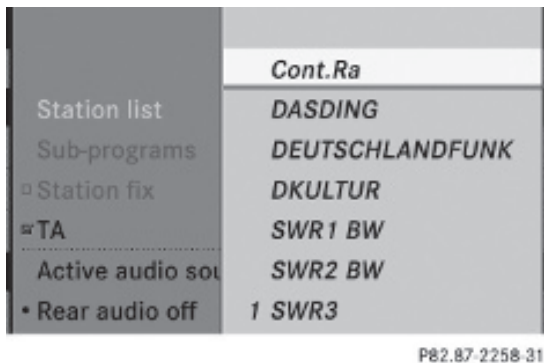
or

- ▶ In the radio display, select Radio → Station list.
The channel list appears.



Example display: station list in radio mode

- ① Currently selected station
- ② Memory slot in station memory



Example display: station list in DAB radio mode*

- ▶ **To select a station:** turn or slide .
- ▶ **To set the station:** press .

Using the multi-function steering wheel

- ▶ Use or to select the Audio menu.

* optional



Example display: radio mode (FM)

- ① Radio mode (FM) set
- ② Currently selected station

When station ② is saved, the preset position is also displayed.

- ▶ Press and hold or .

Selecting stations using the station search function

- ❗ The station search function is only available in the MW, LW and SW wavebands.

- ▶ Press the or button.
Station search scans up or down and stops at the next station found.

Using the multi-function steering wheel

- ▶ Use or to select the Audio menu.
- ▶ Press and hold or .

Selecting stations via the station presets

- ▶ Select Presets in the radio display.
- or
- ▶ Press when the display/selection window is selected.
The station preset display appears. The • dot in front of a preset position indicates that the currently selected channel is stored there.

- ▶ **To select a station:** turn or slide .

136 Radio mode and DAB radio mode*

► **To set the station:** press .

or

► Press a number key, such as .

Using the multi-function steering wheel


► Use  or  to select the Audio menu.

► Press  or  briefly.

Tuning in stations by entering the frequency manually

► In the radio display, select Radio → Frequency entry.

or

► Press the  button.
An input menu appears.

► **To enter a frequency:** press the number keys.
COMAND tunes in to the frequency entered.

i You can only enter currently permitted numbers.


i If you enter a frequency in the MW, SW or LW wavebands which is outside the frequency range, COMAND tunes in to the next lower frequency.

Waveband	Frequency
FM (VHF)	87.5 - 108.0 MHz
MW (medium wave)	531 - 1620 kHz
SW (short wave)	5800 - 6250 kHz
LW (long wave)	153 - 282 kHz


Storing a station

Ten stations can be stored for each waveband.

Storing stations manually

► Press and hold a number key, e.g. , until you hear a tone.
The station is stored.

or

► Press  when the display/selection window is selected.


or


► Select Presets in the radio display.
Both of these will call up the station presets. The **•** dot in front of a preset position indicates that the currently selected channel is stored there.



Example display: presets in DAB radio mode*

- ① To store using Autostore
- ② Selected memory slot


► **To select a memory slot:** turn  or slide   .

► **Storing stations:** press  until you hear a tone.

Storing using Autostore

i 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.

* optional

▶ Press  when the display/selection window is active.

▶ Select Autostore.

or

▶ In the radio display, select Pre-sets → Autostore.

COMAND searches for stations with adequate reception. You will see a message to this effect. The available stations are automatically stored in the preset positions.


Canceling storing

▶ Select Cancel.

Radio Data System (RDS)

The Radio Data System (RDS) provides inaudible additional information in the FM waveband. The system consists of a listening receiver and a monitoring receiver.

The monitoring receiver constantly scans the FM waveband and collects data from all the stations with adequate reception, e.g. reception quality and RDS data such as programme name and alternative frequencies. COMAND stores the data and constantly updates the memory. The listening receiver is therefore able to switch instantaneously to an alternative frequency with a better signal.

 RDS only functions for stations which transmit RDS data.

Switching RDS on/off

You can use the functions "Frequency fix" (FM mode) or "Station fix" (DAB mode*) to prevent COMAND from switching between alternative frequencies. This is useful, for example, when the same content is broadcast with a time delay, or when there is interference on one of the frequencies.

▶ Select Radio in the radio or DAB radio display

▶ Select Frequency fix or Station fix. The function is switched on or off depending on the previous status.

RDS

Many FM stations transmit traffic announcements (TA). You can also hear these in DAB radio mode*.

You can switch announcements on and off or interrupt a current announcement.


Switching announcements on/off

▶ **First option:** select Radio in the radio or DAB radio display.


The tick next to TA indicates that traffic announcement reception is switched on. You see the TA icon in the status bar.

▶ Select TA.

Depending on the previous state, switch TA on or off.

▶ **Second option:** press and hold the  button until the TA icon lights up or goes out in the status bar.

or

▶ Using the multi-function steering wheel, press and hold  until the TA icon lights up or goes out in the status bar.

A tone sounds.

Once traffic announcements have been switched on, COMAND selects an RDS station. The traffic announcements are retrieved from:

- the currently selected FM station
- an RDS station in the range of stations of the currently selected FM station
- the RDS station with the best reception quality

When traffic announcements are switched on, a traffic announcement will interrupt the audio signal from the currently activated audio or video source.


* optional

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i Telephone conversations and navigation announcements are not interrupted.

A display message appears in the display in all audio operating modes.

Interrupting a traffic announcement

► Briefly press the  button during a traffic announcement.

or

► Using the multi-function steering wheel, briefly press the  button during a traffic announcement.

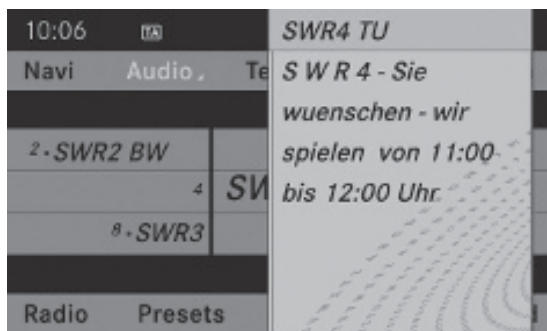
COMAND switches back to the audio source that was selected before the announcement. Subsequent announcements will interrupt the audio source again.

Radio text

Radio texts are additional transmitted data shown in the COMAND display. Examples of additional data: the station's name, the name of the programme or current news.

The function is available in FM mode and in DAB radio mode*.

► Select Info in the radio or DAB radio display. Information and radio texts are shown if the station supports them.



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Example display: radio text

Sub-programmes (DAB radio mode*)

Certain DAB radio stations also broadcast sub-programmes. This is indicated by a fan symbol after the station's name. Sub-programmes contain information on events taking place in a certain region or regional news.

► In the DAB radio display, select Radio → Sub-programms.

If you can receive sub-programmes, the names of the main and sub-programme appear and you hear the corresponding information.

► **To select a sub-programme:** turn  or slide .

► **To confirm your sub-programme:** press .

Audio CD/DVD and MP3 operation

Safety notes

Risk of injury

COMAND is classified as a Class 1 laser product. You must not open the casing. There is a risk of exposure to invisible laser radiation if you open the casing or if the casing is faulty or damaged.

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.

Risk of accident

Do the following only when the vehicle is stationary:

- insert a disc.
- eject a disc.

There is a risk of being distracted from the road and traffic conditions if you do so while the vehicle is in motion.

* optional

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

- ISO9660/Joliet 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 were written in one session.

File structure of a disc

When you create a disc with compressed music files, the tracks can be organised in folders. A folder can 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 recognised by the system.

Track and file names

When you create a data carrier 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 one 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

Permissible formats

COMAND supports the following formats:

- MPEG1 Audio Layer 3 (MP3)
- **i** The MPEG1 Audio Layer 3 (MP3) audio encoding method has been licensed by the Fraunhofer IIS (Institut Integrierte Schaltungen) and Thomson.
- Microsoft Windows Media Audio V8 and V9 (WMA) without copy protection
- as well as music files in AAC format, but not copy-protected iTunes music files with the "m4p" extension.
- **i** If, as well as MP3 files, there are music files in these audio formats stored on the disc, loading may require longer before the first track is played.

Permissible bit and sampling rates

MP3

COMAND supports MP3 files of the following types:

- Fixed and variable bit rates of 32 kbit/s up to 320 kbit/s
- sampling rates of 8 kHz to 48 kHz

WMA

COMAND supports WMA files of the following types:

- Fixed bit rates of 5 kbit/s up to 384 kbit/s
- sampling rates of 8 kHz to 48 kHz

COMAND does not support WMA files of the following types:

- DRM (Digital Rights Management) encrypted files
- Variable bit rate
- WMA Pro
- 5.1 Surround

i Only use tracks with a bit rate of at least 128 kbit/s and a sampling rate of at least 44.1 kHz. Lower rates can cause a noticeable deterioration in quality. This is especially the case if the surround sound* function is activated.

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

i Discs with copy protection are not compatible with the audio CD standard and therefore may not be able to be played by COMAND.

There may be playback problems when playing copied discs. There are a large variety of discs, 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. These CDs are not compatible with currently applicable standards.

i In many DVD audio albums the last track does not contain any music and the rear-seat entertainment system switches to the next disc. This behaviour is system-related and is not a malfunction.

! Do not affix stickers or labels to the discs, as they could peel off and damage the Audio 20 disc drive.

The CD drive is designed for data carriers that conform to EN 60908. For this reason, 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 they can damage the CD 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.

i COMAND can play back audio CDs with the high-resolution surround format.

Notes on handling CDs/DVDs

- Only hold discs by the edge.
- Handle discs carefully to prevent playback problems.
- Avoid getting scratches, fingerprints and dust on discs.
- Clean discs from time to time with a commercially-available cleaning cloth. Do not

wipe them with a circular motion, but only in straight lines from the centre outwards.

- To label discs, only use a pen designed for such a purpose.
- Place discs back in their cases after use.
- Protect discs from heat and direct sunlight.


Inserting CDs and DVDs

Risk of accident

Only insert a CD or DVD when the vehicle is stationary. There is a risk of being distracted from the road and traffic conditions if you do so while the vehicle is in motion.

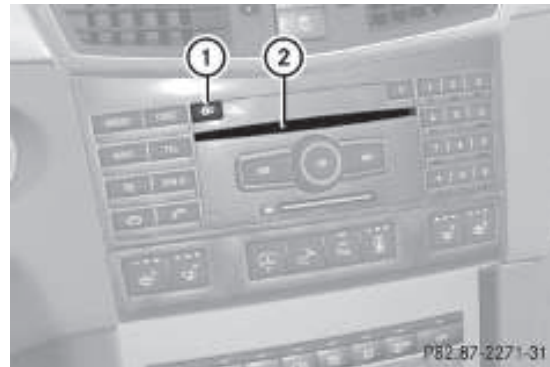
- i** If the CD/DVD has a printed side, this must face upwards when the CD/DVD is inserted. If neither side is printed, the side to be played should face downwards. CDs/DVDs with copy protection may not be able to be played by the system.
- i** If a medium contains other files in addition to music files, the loading time before the first track starts to play may be longer.

Inserting a DVD into the single drive

- ▶ Press the  load button.
If a disc is inserted, it will be ejected.
- ▶ Take the disc out of the slot.
- ▶ Insert a disc into the slot.
The drive closes and starts playing the disc if it has been inserted correctly and is permissible.


Inserting DVDs into the DVD changer*

The DVD changer* has a fixed magazine with six trays.

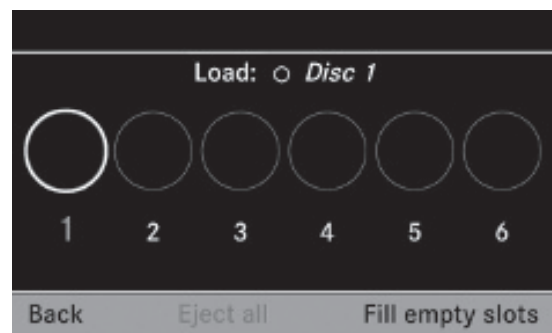


- ① Load button
- ② Disc slot

Loading an individual magazine tray

- ▶ Press load button .

A menu shows the current magazine contents. The last tray selected is identified by a red digit.




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- ▶ **To select the magazine tray:** turn  or slide .

- ▶ **To start loading:** press .

or

- ▶ Press a number key, such as .

The DVD changer switches to the selected magazine tray. You see the Please wait... message.

Then you see the Please insert disc <x>. message.

- i** Never insert a CD before COMAND requests you do so with this message. Never insert more than one CD at a time into each magazine tray.

* optional

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Audio

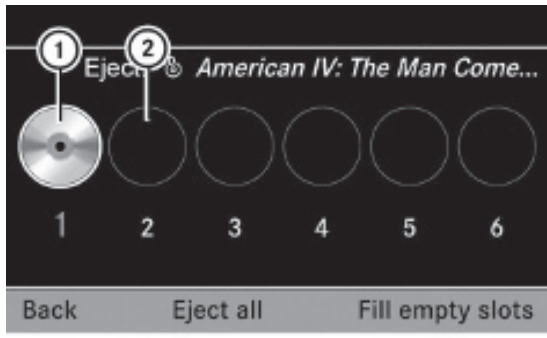


▶ Insert a disc into the slot with the printed side facing upwards.
The DVD changer* loads the disc into the selected magazine tray. You see the Loading disc <x>... message.

i It may take some time for the disc to be loaded, depending on the type of disc. If you do not insert a disc, the display will return to the magazine menu after approx. 20 seconds.

The DVD changer* plays the disc if:

- it has been inserted correctly
- it is a permissible type of disc



- ① Loaded magazine tray (ejecting possible)
- ② Empty magazine tray (loading possible)

▶ **To exit the menu:** press the insert button again.

or

▶ Select Back.

or

▶ Press the button.

Filling empty magazine trays

- ▶ Press the insert button.
The magazine menu appears.
- ▶ Select Fill empty slots.
You see the Please wait... message. COMAND switches to the next empty magazine tray. Then you see the Please insert disc <x>. message.

i Never insert a CD before COMAND requests you do so with this message. Never insert more than one CD at a time into each magazine tray.

- ▶ Insert a disc into the 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* plays the last disc inserted, even if loading has not completed.

▶ **To complete loading:** press the insert button again.

or

▶ Select Back.

or

▶ Press the button.

Loading a PCMCIA memory card

COMAND supports 16-bit full-size type I and II PCMCIA memory cards.

i Not all PCMCIA memory cards and storage media are designed for the temperatures which may be reached in the vehicle. Due to the wide range of PCMCIA memory cards available on the market, playback cannot be guaranteed for all brands of PCMCIA memory card.

* optional



① PCMCIA memory card slot


- ▶ Insert the PCMCIA memory card into slot ①.
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 CDs and DVDs

Risk of accident

Only eject a disc when the vehicle is stationary. Otherwise, you may be distracted from the traffic conditions and could cause an accident.

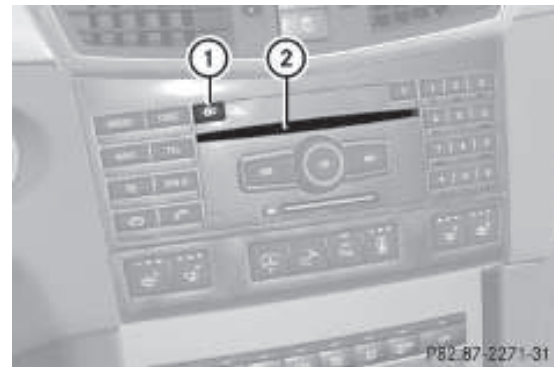
Ejecting a DVD from the single DVD drive

- ▶ Press eject button .
- ▶ 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.

Ejecting from the DVD changer*

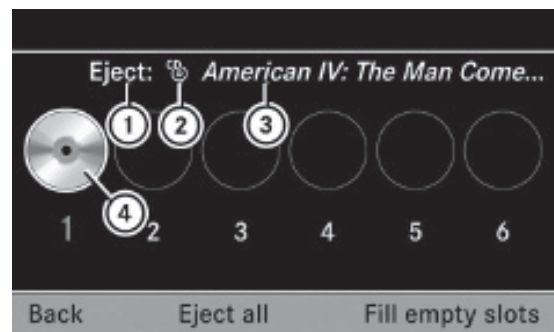
- i** If you eject one disc while playing another disc, the DVD changer interrupts playback. Playback continues once the disc has been ejected.

Ejecting a disc




- ① Eject button
- ② Disc slot



- ▶ Press eject button .
- The magazine menu appears. The magazine tray containing the current disc is highlighted.



- ① Ejection possible
- ② Disc type
- ③ Disc name (only if stored on the disc)
- ④ Current disc

- ▶ **To select a full magazine tray:** turn  or slide .

- ▶ Press the .
- or

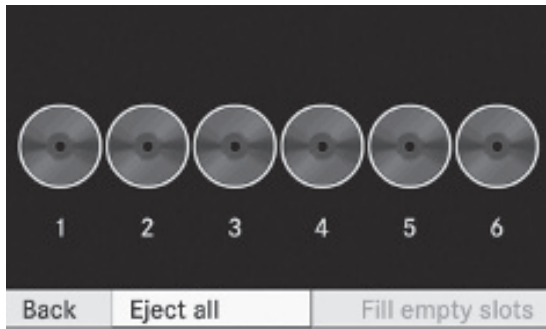
- ▶ Press the corresponding number button  to .
- The Ejecting disc <x>... message appears. Then you see the following message:




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- ▶ 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.

Ejecting all discs




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- ▶ Press eject button .
- The magazine menu appears.
- ▶ Select Eject all.
The DVD changer* ejects the last disc selected. You see the Ejecting disc <x>... message.

- ▶ Take the disc out of the slot once 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 complete ejecting:** press the .

or

- ▶ Press the  button.

Ejecting a PCMCIA memory card



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- ① Eject button
- ② PCMCIA memory card slot
- ▶ Press eject button ① twice.
The PCMCIA memory card is ejected.
- ▶ Take the PCMCIA memory card out of slot ②.

Menu overview

CD or audio DVD or MP3	Only with DVD-A: ■/■/▶	Track list or Folder	Media or changer	Sound
Group (audio DVD only)	■ Pauses playback	Display track list (audio CD/audio DVD mode only)	Media selection via media list • Media For DVD single drive or for DVD changer* when operated in Media Interface* mode • Changer For DVD changer*	Treble
Normal track sequence	■ Stops playback	Folder selection (MP3 mode only)		Bass
Random tracks	▶ Restarts or continues playback			Balance/fader
Random folder (MP3 mode only)				Surround sound*
TA (traffic announcement)				
"Gracenote® Media Database" function (CD mode only)				
Active source to rear compartment*				
Rear compartment off*				

* optional

Switching to audio CD/DVD and MP3 mode

Using the COMAND control panel

- ▶ Insert a CD/DVD (▷ page 141) or a PCMCIA memory card (▷ page 142).
COMAND loads the medium inserted and starts to play it.

or

- ▶ Press the **DISC** function button.

i The **DISC** function button takes you directly to the previously set disc mode (audio CD/DVD and MP3 or video DVD mode). COMAND can access all discs in the DVD changer* or the data carrier of the single DVD drive, the memory card, the Music Register and the Media Interface* or the AUX jack.

- ▶ Select audio CD/DVD or MP3 (▷ page 148).

or

- ▶ **When playing a video DVD:** call up the media list as described under "Selecting video DVDs" (▷ page 177).
- ▶ Select an audio disc.
The desired disc mode is activated.

Using the COMAND controller

From another main function

- ▶ Select Audio.
The system changes to the last active audio mode.
- ▶ Select Audio again.
The audio menu appears (▷ page 130).
- ▶ Select Disc or Memory card or Music Register or Media Interface or Aux.

i Disc accesses audio discs in the DVD changer* or the disc in the single DVD drive. Memory card selects the PCMCIA memory card slot, Music Register selects the Music Register.

i Media Interface or Aux accesses external equipment that is connected.

From audio mode

- ▶ Select Audio.
The Audio menu appears.
- ▶ Select Disc or Memory card or Music Register or Media Interface or Aux from the audio menu.
- ▶ Select an audio CD/DVD or MP3 medium from the media list (▷ page 148).
The desired disc mode is activated.

Example display in audio CD mode



- ① Disc type
- ② Track number
- ③ Track name (only if stored on the disc as CD text)
- ④ Track time
- ⑤ Visual time and track display
- ⑥ Current playback settings (no icon for "Normal track sequence")
- ⑦ Sound settings
- ⑧ Media selection (display shows either Media or Changer)
- ⑨ Disc name (only if stored on the disc as CD text)
- ⑩ To call up the track list
- ⑪ Data carrier position in the media list
- ⑫ Playback options

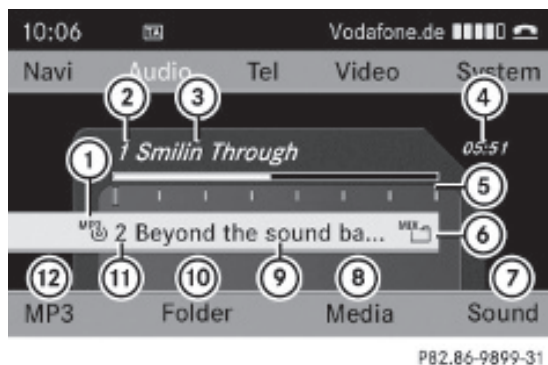
* optional

Example display in audio DVD mode



- ① Disc type
- ② Track number
- ③ Track name (only if stored on the disc as CD text)
- ④ Track time
- ⑤ Visual time and track display
- ⑥ Current playback settings (no icon for "Normal track sequence")
- ⑦ Sound settings
- ⑧ Media selection (display shows either Media or Changer)
- 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 in MP3 mode



- ① Disc type
- ② Track number

* optional

- ③ Track name
- ④ Track time
- ⑤ Visual time and track display
- ⑥ Current playback settings (no icon 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

i If, during operation with a DVD changer*, no Media Interface* (▷ page 157) is connected, ⑧ displays Changer instead of Media.

i For an example display of the media list see (▷ page 148).

Stop function





This function is only available in audio DVD mode.

- ▶ Switch to audio DVD mode.
- ▶ **To interrupt playback:** select . The display changes to . The icon remains highlighted.
- ▶ **To resume playback:** select . Playback continues from the point where it was interrupted.
- ▶ **To stop playback:** select again while playback is interrupted. The selection marker is at .
- ▶ **To restart playback:** select . Playback starts from the beginning of the DVD.







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Pause function

In audio CD/DVD and MP3 mode



- ▶ **To pause playback:** briefly press the  button.
The  display is on the top left of the status bar.
- ▶ **To continue playback:** briefly press the  button again.
The  display goes out.

Only in audio DVD mode

- ▶ **To pause playback:** switch to audio DVD mode.
- ▶ Select .
- The  display changes to .
- ▶ **To resume playback:** select .
- Playback continues from the point where it was interrupted. The  display changes to .

Selecting audio CD/DVD or MP3 discs

Selecting via the media list

- ▶ **In audio CD/DVD and MP3 mode:** select Media or Changer.
- or
- ▶ **In audio CD/DVD mode only:** press  when the display/selection window is highlighted.
The media list appears. The  dot indicates the current medium being played.




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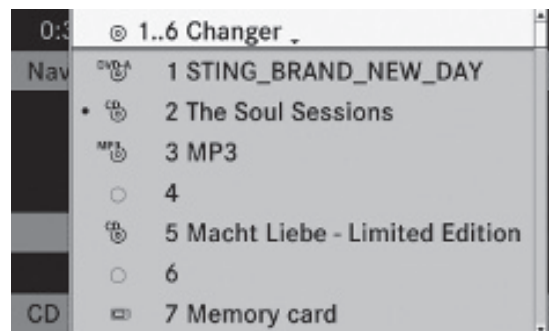
Media list when equipped with a DVD changer*

- ① To display all magazine trays

The media list shows the discs currently available. Readable discs are audio CDs, MP3 CDs/DVDs, audio DVDs and video DVDs.

- ⓘ If a disc is not readable, an entry appears behind the magazine tray or you receive a message at the selected memory card.

- ▶ **To display all magazine trays:** press  when ① is highlighted.



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Media list with complete display of magazine contents

DVD changer*

- Magazine trays 1 to 6
- PCMCIA memory card, position 7
- Music Register on position 8
- Media Interface* in position 9

Single DVD drive

- DVD drive, position 1
- PCMCIA memory card, position 2

* optional

- Music Register on position 3
- Media Interface* in position 4
- ▶ **To select a data carrier:** turn or slide .
- ▶ Press the button.

i If you select a DVD video disc, the system switches to video DVD mode (▶ page 176).

Selecting a track using the number pad

- ▶ Press a number button, e.g. , when the display/selection window is active.
The medium at the corresponding position in the media list is loaded and then played.

Selecting a track

Selecting by skipping to a track

- ▶ **To skip forwards or back to a track:** turn when the display/selection window is active.

or

- ▶ Press the or button.
Skipping forwards skips to the next track. Skipping backwards skips to the beginning of the current track if the track has been playing for more than 8 seconds. If the track has been playing for less than 8 seconds, it skips to the start of the previous track. If the Random tracks or Random folder playback option has been selected, the track order is random.

Using the multi-function steering wheel

- ▶ Switch to audio CD, audio DVD or MP3 mode in COMAND (▶ page 146).
- ▶ Use or to select the Audio menu.



Example display for single DVD drive and DVD changer*

① Track display

- ▶ Press or briefly.

Selecting by track list

- ▶ **In audio CD and audio DVD mode:** select Track(s) or Track list.

or

- ▶ **In MP3 mode:** press when the display/selection window is active.
The track list appears. The • dot indicates the current track.

- ▶ **To select a track:** turn or slide .

- ▶ Press the button.

i In MP3 mode, the list shows all the tracks in alphabetical order.

Using the multi-function steering wheel

- ▶ Switch to audio CD, audio DVD or MP3 mode in COMAND (▶ page 146).
- ▶ Use or to select the Audio menu.

- ▶ Press and hold or until the desired track has been reached.

If you press and hold or , rapid scroll will accelerate after a short period. Not all audio drives or data carriers support this function.

If track information is stored on the audio drive or data carrier, the multi-function display shows the name and number of the track.

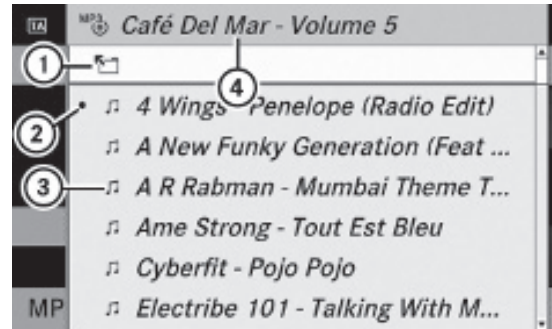
* optional

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Selecting a track using the number pad

- ▶ Press the button on the number pad. A numerical entry field appears. The number of positions offered corresponds to the number of tracks on the CD/DVD. Only numbers that correspond to a track number on the CD/DVD can be entered.
- ▶ Enter the desired track number using the number buttons.
- ▶ **To confirm the entry:** press .

i Pressing and holding a number button for 2 seconds or more also completes entry and the corresponding track is played.



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- ① Icon for next folder up
- ② Current track
- ③ Track icon
- ④ Current folder name

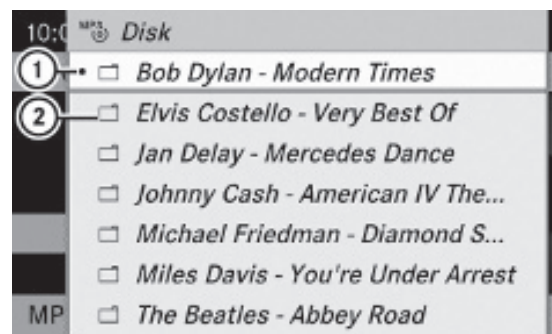
- ▶ **To switch to the next folder up:** select the icon. The display changes to the next folder up.

Fast forward/rewind

- ▶ **If the display/selection window is active:** slide and hold until the desired position has been reached.

or

- ▶ Press and hold the or button until the desired position has been reached.



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- ① Current folder
- ② Folder icon

- ▶ **To select a folder:** turn or slide .
- ▶ Press . You will see the tracks in the folder.
- ▶ **To select a track:** turn or slide .
- ▶ Press the button. The track is played and the corresponding folder is now the active folder.

Selecting a folder

i This function is only available in MP3 mode.

- ▶ Switch to MP3 mode (▶ page 146).
- ▶ Select FoLder.

or

- ▶ Press when the display/selection window is selected. The content of the folder is displayed.

Gracenote® Media Database*

i This function is only available in audio CD mode and during operation with the installed hard disk.

There is a version of the software from Gracenote®, Emeryville, California, USA on the hard disk. You will notice this by the logo which can be seen in the bottom right-hand corner of certain audio displays.



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. The prerequisites for this are that the relevant information be stored in the Gracenote® Media Database and that the "Read CD database" function is activated.

If this is the case, COMAND will display the available 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 see the following information:



* optional

Switching the Gracenote® data display on or off

- ▶ Switch to audio CD mode (▷ page 146).
- ▶ Select CD → Gracenote Media Database. A menu appears.

i If no Gracenote® data is available, the Gracenote Media Database menu item appears greyed out.

- ▶ Select None. Depending on the previous status, this selection will hide the Gracenote® data or display them .

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 a Mercedes-Benz Service Centre.






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 at the same time as the map software.

Setting the audio format

i 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 multi-channel 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 to audio DVD mode (▷ page 146).
 - ▶ Select DVD-A → Group.
The list of available audio formats appears. The • dot indicates the format currently selected.
 - ▶ **To change the setting:** turn  or slide .
 - ▶ Press the .
 - ▶ **To exit a menu:** slide .
- or
- ▶ Press the .

Audio

Playback options

The following options are available to you:

- Normal track sequence
You will hear the tracks in the normal order (e.g. track 1, 2, 3, etc.).
- Random tracks:
All the tracks on the medium are played in random order (e.g. track 3, 8, 5 etc.).
- Random folder (MP3 mode only)
The tracks in the currently active category or folder are played in random order.

- ▶ **To select options:** switch to audio CD/DVD or MP3 mode (▷ page 146).
- ▶ Select CD or DVD-A or MP3.
The option list appears. A • dot indicates the option selected.
- ▶ Select an option.
The option is switched on. For all options except "Normal track sequence", you will see a corresponding display in the display/selection window. See example of display: audio CD mode (▷ page 146), item ⑥.

i 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.

Music Register

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.

Menu overview

Music Register	Folder	Media or changer	Sound
Normal track sequence	Folder functions	Media selection via media list <ul style="list-style-type: none"> • Media For DVD single drive or for DVD changer* when operated in Media Interface* mode • Changer For DVD changer* 	Treble
Random folder			Bass
Random tracks			Balance/fader
Copies music files			Surround sound*
Deletes all music files			
Memory space info			
<input checked="" type="checkbox"/> Switches TA (traffic announcement) on/off			
Active source to rear compartment*			
Rear compartment off*			

Switching to the Music Register**From another main mode**

- ▶ Select Audio.
The system changes to the last active audio mode.
 - ▶ Select Audio again.
The audio menu appears (▷ page 130).
 - ▶ Select Music Register.
- or
- ▶ Press number key (for DVD changer*) or (for single DVD drive).
The Music Register appears.

* optional

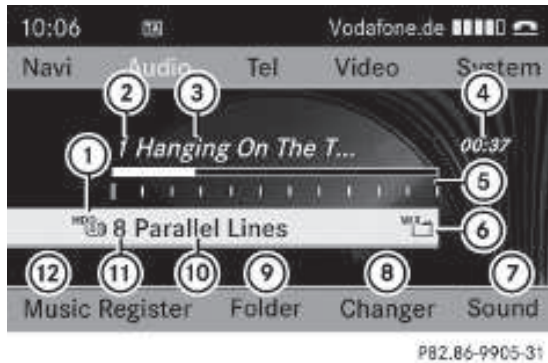
i If Music Register was the last mode selected, you only need to select Audio.

From audio mode

- ▶ Select Audio.
The Audio menu appears.
 - ▶ Select Music Register.
Music Register is loaded. The Music Register display appears.
- There are no music files:
You will see a message to this effect.
- ▶ You first need to copy music files to the Music Register (▷ page 154).

There are music files:

You hear the first track in the first folder found, or playback begins at the last point listened to.



Example of display: Music Register

- ① Data carrier type: Music Register
- ② Track number
- ③ Track name
- ④ Track time
- ⑤ Visual time and track display
- ⑥ Current playback settings (no icon for "Normal track sequence")
- ⑦ Sound settings
- ⑧ Media selection (display shows either Media or Changer)
- ⑨ Folder functions
- ⑩ Current folder
- ⑪ Data carrier position in the media list
- ⑫ To call up the Music Register menu

Copying music data to the Music Register

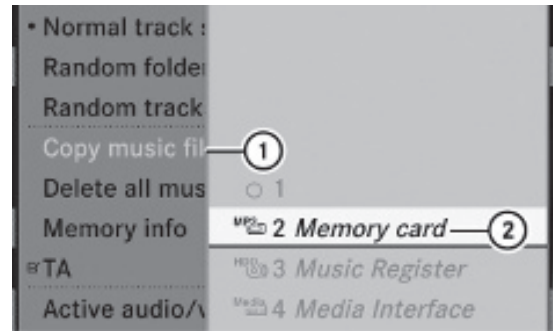
You can copy music files from discs in the DVD changer* or the single DVD drive, or from the memory card, as long as they are in MP3 and/or WMA format.

- i** While copying, several functions will not be available. If this is ever the case, you will see a message to this effect.

Selecting a data carrier

- ▶ Select Music Register → Copy music files.

The media list appears. A data carrier from which files can be copied is selected automatically.



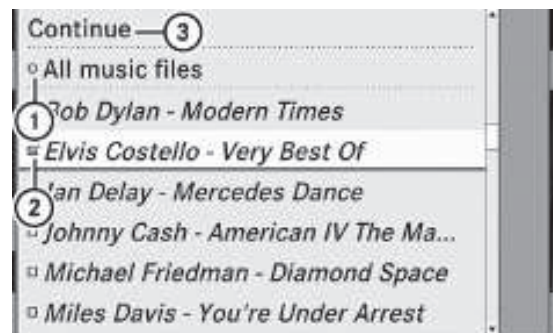
- ① Copies music files
- ② Data carrier selected

- ▶ **To select a data carrier:** turn or slide .

- ▶ Press the button.

The data carrier is loaded.

The medium contains music files which can be copied: you see a menu.



- ① To copy all music files
- ② To select an individual folder
- ③ Confirming your selection

Selecting music files

All music files

- ▶ Select All music files.
This function copies all music files on the selected data carrier. The icon in front of All music files is filled in and all following entries have a tick beside them.

Selecting folders or titles

- ▶ Turn or slide .
- ▶ Press the button.
Selection ② is indicated by the tick in front of the folder or track entry.

Confirming your selection

- ▶ Select Continue.
The copying menu appears.

Starting the copying process



- ① Copying from an MP3 CD
- ② Copying to the Music Register
- ③ Insufficient memory, see "Calling up memory space info" (▶ page 156)
- ④ To determine destination folder
- ⑤ Name of the data carrier from which files are being copied
- ⑥ To start the copying process
- ⑦ Data carrier position in the media list
- ⑧ To cancel copying of music files

- ▶ Select Start.
Copying begins. The progress bar indicates the status of the copying procedure.

! Under no circumstances should you remove the memory card while you are copying data from it. This will generate unusable data in the Music Register.

i It may take some time for the music to be copied, depending on the amount of data. It should take about one minute to copy 20 MB. If there is not enough memory space, you will see a message to this effect.

▶ **To cancel copying:** select Cancel.
Music files up until the point of cancellation are stored in Music Register.

▶ **To exit without copying music files:** select Back.

▶ **To determine the destination folder:** select Destination folder.


▶ **To select a destination folder:** turn or slide .

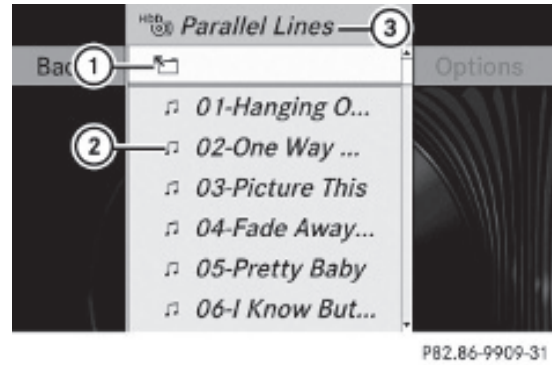
▶ Press the button.
Once copying is complete, you hear the first track on the album copied. The Music Register display appears. Now you can copy more music files to Music Register.

Deleting all music files


This function deletes all music files from Music Register.

! The deletion procedure may take up to several minutes. In order to prevent malfunctions, do not use COMAND during this period.





- ▶ Select Music Register → Delete all music files.
A query appears. No is highlighted.
- ▶ **If you do not wish to delete:** press the  button.
The prompt disappears.
- ▶ **To delete:** select Yes.
You see the Please wait... message.
Then you see the Deletion procedure successful message.







- ① Folder selection icon
- ② Icon for music file
- ③ Current folder

- ▶ **To select one folder higher:** select the  icon.
The display changes to the next folder up.

Changing the folder/track name

- ▶ Select Folder.
- ▶ **To select a folder/track:** turn  or slide .
- ▶ Select Options → Change.
- ▶ Enter a name for the folder/track in the entry line.
- ▶ **To save changes:** select  and press .

Deleting folders/tracks

- ▶ Select Folder.
- ▶ **To select a folder/track:** turn  or slide .
- ▶ Select Options → Delete.
A query appears. No is highlighted.
- ▶ **If you do not wish to delete:** press the  button.
- ▶ **To delete:** select Yes and press .
A message appears.

Audio


Calling up memory space info

- ▶ Select Music Register → Memory info.
You see a window with details about:
 - storage capacity
 - available memory
 - occupied memory
 - content (folders, tracks)

Folder functions

You can view the content of Music Register, change folder or track names and delete individual folders or tracks.

Calling up the Music Register

- ▶ Select Folder.
or
- ▶ Press  when the display/selection window is selected.
You see the contents of the current folder.

Playback options

The following options are available to you:

- Normal track sequence
You will hear the tracks 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 (MP3 mode only)
The tracks in the currently active category or folder are played in random order.

► **To select options:** switch to Music Register (▷ page 153).

► Select Music Register.
The option list appears. A • dot indicates the option selected.

► Select an option.
The option is switched on. For all options except "Normal track sequence", you will see a corresponding display in the display/selection window. See example of display: Music Register (▷ page 154), item ⑥.

i 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.

Media Interface* mode

Information on operating with Media Interface

Connection options

i Store the individual parts in a secure location.

Use only original Mercedes-Benz connecting cables.

You can connect the following data mediums to COMAND via the Media Interface:

- iPod®

* optional

i iPod® is a registered trademark of Apple Inc., Cupertino, California, USA.

- USB devices

For more details and a comprehensive list of supported devices, please contact a Mercedes-Benz Service Centre or visit <http://www.mercedes-benz.com> and proceed as described under "Media Interface".

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 (1-inch, 1.8-inch and 2.5-inch drives) with a starting/continuous current of up to 800 mA (a separate power supply may be necessary)
- certain MP3 players

i The Media Interface supports USB storage media of USB Device Subclass 6. Information concerning USB Device Subclass 6 is available from the equipment manufacturer.

Supported data formats (USB devices)

The following data types are supported:

- MP3: CBR, VBR (up to 320 kbit/s)
- WMA: CBR, VBR (up to 320 kbit/s)

Notes on USB devices

- Avoid storing data other than music data on the USB device so that the start-up time is not extended unnecessarily.
- Up to eight directory levels with up to 1,000 tracks are supported.

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- Do not use a USB extension cable or adapter. These may impair functionality.
- A background search of the USB device is performed and any playlists found are provided in a separate category in addition to the folders. Initialisation of larger USB mass storage devices containing a high number of files can take up to several minutes.

i Files protected with DRM (Digital Rights Management) are not supported by the Media Interface.

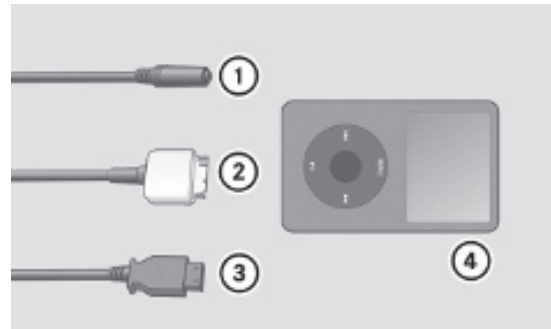
Audio

Connecting external devices

You will find the connection socket in the glove compartment.

Never connect more than one device at a time. You will otherwise not be able to play back from the external device. Please consult a Mercedes-Benz Service Centre for further information.

i Never leave external devices in the vehicle as extreme temperatures (e.g. if subjected to direct sunlight or at extremely low outside temperatures) may prevent them from functioning correctly (▷ separate operating instructions of the respective device). Mercedes-Benz does not take responsibility for any damage to external devices.



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- ① Four-pin socket for 3.5 mm stereo jack, e.g. for MP3 players (audio and video)
- ② iPod socket, to connect iPods®
- ③ USB socket for connecting a USB device
- ④ Example of device (iPod®)

► Connect the external device to corresponding socket ①, ② or ③.
COMAND activates the device.



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If you remove a device, the No device connected message appears.

- i** 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.
- i** Connecting an iPod® or MP3 player which has been excessively discharged can result in an extended initialisation period.
- i** Error messages appear while the device is being activated if:

* optional

- COMAND does not support the device connected
- the connected device consumes too much power
- the Media Interface connection is defective

Where necessary, consult a Mercedes-Benz Service Centre.

Switching to Media Interface operation

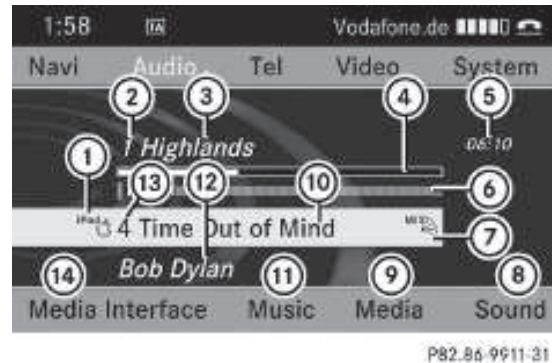
- i** In extreme cases, starting up individual functions can take up to several minutes – this depends on the external device and its content (e.g. video podcasts).
Only use the original software to store data on your iPod® and MP3 players. Otherwise, some or all functions may not be available.

From another main function

- ▶ Press the **DISC** function button.
Switch on the previous disc operating mode.
 - i** If you previously selected operation with Media Interface, it will now be switched on.
 - ▶ Press a number key such as **9** (DVD changer*) or **4** (single DVD driver). This will automatically select the audio device connected.
- or
- ▶ Select **Media**.
The media list appears. The **•** dot indicates the current medium being played.
 - i** If no device is connected, you will see the Media Interface entry instead of a device name.
If COMAND does not support the connected device, you will see the Unavailable message. If two devices are connected, you will see this message: Please make sure that only one device is connected.

* optional

- ▶ Press the **•** button.
COMAND activates the connected device. You will see a message to this effect. The basic display then appears.



Example display: iPod® operation when equipped with a single DVD drive



- ① Disc type
 - ② Track number
 - ③ Track name
 - ④ Visual time display
 - ⑤ Track time
 - ⑥ Visual track display
 - ⑦ Current playback settings (no icon for "Normal track sequence")
 - ⑧ Sound settings
 - ⑨ Media list
 - ⑩ Album name (if supplied)
 - ⑪ Categories, playlists and/or folders
 - ⑫ Artist (if supplied)
 - ⑬ Position in the media list
 - ⑭ Playback options
- i** Type of device ① connected is indicated by the corresponding icon for iPod®, MP3 player or USB mass storage device.
 - i** If the device connected does not contain any playable tracks, a message appears to this effect.

160 Media Interface* mode

From audio mode

- ▶ Connect an external device (▷ page 158). COMAND activates the device. The basic display then appears.

or

- ▶ Press a number key such as  (DVD changer*) or  (single DVD drive).



or

- ▶ Select Audio → Media Interface.



Selecting music files

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 backwards to a track:** turn  or slide .


or



- ▶ Press the  or  button. Skipping forwards skips to the next track. Skipping backwards skips to the beginning of the current track if the track has been playing for more than 8 seconds. If the track has been playing for less than 8 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. USB device: when the last track has been played, it skips forwards to the first track in the new folder.

iPod®: when the last track of an album or a playlist is played, it skips back to the first track of the same album or playlist.

Using the multi-function steering wheel


- ▶ Switch to Media Interface operation in COMAND (▷ page 159).
- ▶ Use  or  to select the Audio menu.


- ▶ Press  or  briefly.

If you press and hold  or , rapid scroll will accelerate after a short period. Not all audio drives or data carriers support this function.

If track information is stored on the audio drive or data carrier, the multi-function display shows the name and number of the track.

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, such as . The digit is entered in the first position in the input line.

i COMAND will ignore and not display an invalid digit.


- ▶ If desired, enter further digits.

- ▶ **To confirm your entry:** press .



or

- ▶ Press and hold the number key of the last number of the desired track number. The selected track is played.

Fast forward/rewind

- ▶ **If the display/selection window is active:** slide and hold  until the desired position has been reached.

or

- ▶ Press and hold the  or  button until the desired position has been reached.

i On iPods®, the rewind function can only be used within the currently playing track.

* optional

Selecting a category/playlist/folder

iPod® and selected MP3 players

You can select tracks for iPods® and MP3 players according to categories and folders.

Categories can include:

- Current track list
- Playlists (e.g. All or My top 25)
- Artists
- Albums
- Tracks
- Podcasts
- Genres
- Composers
- Audiobooks

i Some playback categories contain the All entry. When this entry is selected, the entire content of the category selected will be displayed.

USB devices

For USB mass storage devices, you can select folders and also playlists (if available). When playing back playlists, COMAND can also display the respective album and artist name (metadata) if these have been uploaded to the system.

Playlists are indicated in the display by a special icon. When you open the playlist, the corresponding tracks are opened. Now Random categories may be available as a playback option instead of Random folder.

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 when the music is playing.

► **To display album and artist name:** select Media Interface → Display Metadata.

* optional

Selecting a category and opening a folder

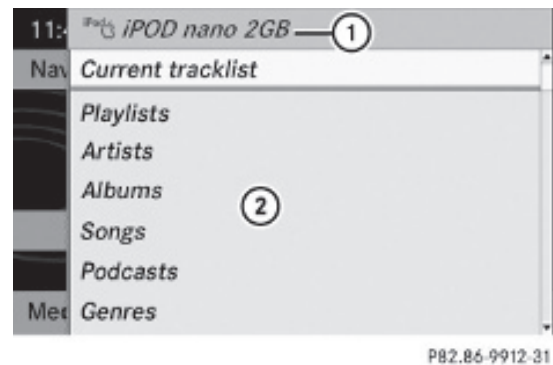
► **To open a category list/folder:** press the **OK** button when the display/selection window is highlighted.

or

► Select Music.

You will see the available categories or the folder content (e.g. other folders).

i The Music menu item is not available until the device has been activated.



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Example of display: category list

① Device icon and device name

② Selectable categories

► **To select a category/folder:** turn **Left/Right** or slide **Left/Right** and confirm with **OK**.

You will see the content of the selected category or selected folder.

i If the data still has to be read from the connected device, you will see the Please wait... message.

► If necessary, repeat this operating step until the tracks in the desired folder/album appear.

162 Media Interface* mode



Example of display: current track list

- ① Icon for next folder up
- ② Current category
- ③ Track icon
- ④ Current track

▶ **To select a track:** turn or slide and confirm with .
The track is played.

▶ **To switch to the next folder up:** select the icon.

i The icon is always listed right at the top of the folder in question.

Playing the content of a category or folder

- ▶ Select a category or folder.
- ▶ Press for longer than two seconds.
The content of the category or folder selected is played in accordance with the playback option (▶ page 163) selected.

Alphabetical track selection

iPods® and MP3 players

i This function is available for categories and folders ordered alphabetically. This function is not available within albums or playlists, for example.

- ▶ Select a category, e.g. Artists.
The available artists appear.

▶ Press the appropriate 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 the number key three times).

You see the available letters at the bottom edge of the display.

The first entry found which matches the letters entered, appears at the top of the list.

i If there is no entry which matches the letter entered, the last entry which matches a previous letter appears at the top of the list.

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 devices

i This function is available for alphabetically sorted directories. This function is not available within albums or playlists, for example.

▶ In a directory, press the appropriate number key once or several times to select the first letter of the name of the desired audio file (e.g. for an artist beginning with the letter "C", press number key three times).

You see the available letters at the bottom edge of the display.

If the directory only contains folders, COMAND searches for folders. After a message, the first entry found which matches the letters entered appears first in the list. If there is no entry which matches the letter entered, the last entry which matches a previous letter appears at the top of the list.

* optional

Selecting an active partition (for 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 and FAT-formatted) are supported.

i The Windows formatting program supports FAT partitions of up to 32 GB as standard.

- ▶ Select Media Interface → Select active partition.

Playback options

The following options are available to you:

- Normal track sequence
The tracks are played in the normal order (e.g. sorted by number or by title).
 - 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 sub-folders, 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. The option list appears. A • dot indicates the option selected.
- ▶ Select an option.

Audio AUX mode

i You can connect an external audio source (AUX) to COMAND. The socket for this is located in the glove compartment. When using the Media Interface, the connection is established using the corresponding cable set. Please consult a Mercedes-Benz Service Centre for further information.

i If COMAND is equipped with Media Interface, the cable set provided replaces the audio AUX jack.

Switching to audio AUX mode

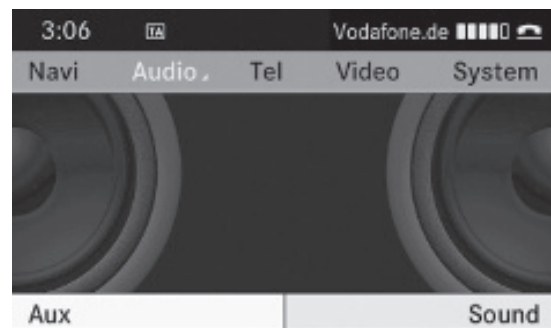
i Audio AUX mode is not selected automatically when an audio source is connected using the phone jack.

From another main function

- ▶ Select Audio → Audio → Aux in the audio menu display.
- i** If the last mode was audio AUX mode, you only need to select Audio.

From audio mode

- ▶ Select Audio → Aux.
The audio AUX menu appears. You will hear the external audio source medium if it is connected and switched to playback.



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- i** Please see the corresponding operating instructions for how to operate the external audio source.

You can set the following in audio AUX mode:

- volume (▷ page 27)
- treble and bass (▷ page 28)
- balance and fader (▷ page 28)
- 3D sound* (▷ page 29)

⚠ Risk of accident

The varying volumes of external audio sources can mean that system messages (e.g. traffic and navigation announcements) are played at a noticeably increased volume. If necessary, deactivate the system announcements or adjust the volume of the announcements manually.

- i** The volume of external audio sources may vary greatly. It may be the case that a device which is connected as an external audio source seems quieter or louder in the vehicle, or that the usual maximum volume cannot be achieved. The volume of some devices can be set separately. In this case, start at a medium volume and then raise it slowly. This enables you to hear if the system can play the music without distortion even at high volumes.