


- ▶ In the main function bar, select and confirm the  symbol using the controller. The carousel view appears.
- ▶ Bring the **Mercedes-Benz Apps** panel to the front by turning the controller and confirm.
- ▶ Select **Options**.
- ▶ Select **Reset**.
A prompt appears asking whether you really wish to reset.
- ▶ Select **Yes** or **No** and confirm.
If you select **Yes**, the settings are reset.
If you select **No**, the process will be cancelled.

Mercedes-Benz Apps

Mercedes-Benz Mobile Website


Dummy

Ersatzbild für BR222

Dummy


Ersatzbild für BR222

The COMAND Online functions contain the Mercedes-Benz Mobile Website as a predefined favourite.

- ▶ In the main function bar, select and confirm the  symbol using the controller. The carousel view appears.
- ▶ Bring the **Mercedes-Benz Mobile Website** panel to the front by turning the COMAND controller and pressing to confirm.
The Mercedes-Benz home page appears.
- i** You cannot delete the **Mercedes-Benz Mobile Website** panel.

Further Mercedes-Benz Apps

You can call up additional Mercedes-Benz Apps, such as Facebook, or Google™ services, such as Street View or Panoramio, here. The following examples show how to call up a Mercedes-Benz App, for example Facebook, and generally how to call up Google™ services.

- ▶ **To call up Facebook:** in the main function bar, select the  symbol with the controller and press to confirm.
The carousel view appears.
- ▶ Select the **Mercedes-Benz Apps** panel.
The Mercedes-Benz Apps menu appears.
- ▶ Confirm the **Facebook** entry.
The Facebook homepage appears.
- ▶ **To call up Google™ services:** this is done through Google™ Local Search (▷ page 473).
- i** Facebook is a social networking website. This App allows you to log in from your vehicle and use Facebook's many functions.
Google™ Street View allows you to view streets in 360-degree panoramas.
Google™ Panoramio expands Google Local Search to include photos at the selected position.


Internet

Calling up a website

Display restriction

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

Calling up the carousel view


- ▶ In the main function bar, select the  symbol using the controller. The carousel view appears.


You can now enter a web address (▷ page 480).

To select in the carousel view, you must first create favourites (▷ page 482).

Entering a web address

You can enter the web address using either the character bar or the number keypad (▷ page 371).

- ▶ Call up the carousel view (▷ page 480).
- ▶ Select **www** with controller and press. An input menu appears.
- ▶ **To enter using the character bar:** enter the web address in the input line. Character entry (▷ page 369).
As soon as the first letter has been entered in the input line, a list appears below it. The list shows web addresses that begin with the letters you have entered and web addresses that have already been called up.
The list is empty the first time you call it up.
- ▶ **To enter characters using the number pad:** press the number keys in rapid succession. The character appears when the key is pressed. The first available letter is highlighted. Enter the character using the character bar (▷ page 371).
- ▶ After entering the web address, confirm the  symbol using the controller. The website is called up.

- ▶ **To select a web address from the list:** slide  the controller in the input menu with character bar. The list is activated.
- ▶ Select and confirm the web address. The web address is entered in the input line.
- ▶ Press the controller. The website is called up. The **Establishing data connection to <provider name>...** message appears.






Selecting favourites

You must create at least one favourite in the carousel view for this function (▷ page 482).

- ▶ Call up the carousel view (▷ page 480).
- ▶ In the carousel view, bring a favourite to the front with the controller and press to confirm. The website is called up.

Menu functions

Calling up a menu

- ▶ **To call up the shortcut:** highlight the selectable item on the page with the controller and press to confirm.
- ▶ **To call up the entire menu:** when the shortcut is displayed, slide  the controller.
or
- ▶ Select a free area on the website with the controller , ,  or .

Opening

Opens the website to the selectable item.

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Open**.

Entering a URL

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Enter URL**.
- ▶ Enter a web address (URL) (▷ page 480).

Calling up the previous website

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Previous**.

Calling up the next website






- ▶ Call up the menu (▷ page 480).
- ▶ Select **Next**.

View

You can use this function to:

- position a selection window on websites that are larger than the display
 - select a window that is already open
 - ▶ Call up the menu (▷ page 480).
 - ▶ Select **View**
- or
- ▶ Press the key on the number keypad.

i You cannot use the key if a phone call is being made.

- ▶ **To position the selection window:** select **Full-screen view of current page**. A selection window appears on the website.
- ▶ Slide , , ,  or  the controller and position the selection window on the website.
- ▶ Press the controller.
The selected section is enlarged.
- ▶ **To display and select open windows:** select **Display open windows**.
The carousel view appears.
- ▶ Press the controller.
The website is displayed.

Exiting the menu

- ▶ Call up the menu (▷ page 480).
- ▶ Select **End**.
The Internet browser is closed. If other windows are opened in the background, another prompt appears.

Other menu functions

Opening in a new window

You can open up to five windows simultaneously.

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Open in new window**.
- ▶ **To select the window:** select **View**.
- ▶ In the carousel view, select the websites with the controller.

Add to favourites

Adds the current website to the favourites. The website can then be called up using the carousel view. You can save up to 20 favourites in the carousel view.

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Add to favourites**.
The following message appears: **The page has been added as a favourite**.

Display favourites

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Display favourites**.
The favourites are shown in the carousel view.

Further information on favourites (▷ page 482).

Reloading a website

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Refresh**.

Close active window

- ▶ Call up the menu (▷ page 480).
 - ▶ Select **Close active window**
- or
- ▶ Press the button to the right of the COMAND controller.

i You cannot use the button if a phone call is being made.

Displaying the complete web address of the selected link

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Link details**.
The URL appears.
- ▶ Press the controller and close the display.

Settings

The settings are described in a separate section (▷ page 483).

Favourites

Introduction

Favourites are frequently visited websites. You have the following options for creating a favourite:

- in the carousel view (▷ page 482)
- via the menu item **Add to favourites** (▷ page 481)

Before creating a favourite in the carousel view, you must first close active connections (▷ page 472).

You can select and edit favourites that you have created.

Creating favourites

Creating favourites in the carousel view

- ▶ Call up the carousel view (▷ page 480).
- ▶ Bring the **Create new favourite** panel to the front with the controller **⏏** or **⏏**.
- ▶ Press the controller.
An input menu appears.
- ▶ Enter the web address (URL) and name using either the character bar or the number keypad. Character entry (▷ page 369).
- ▶ Confirm the **ok** symbol with controller.
The favourite has been created.

Adding a favourite via the menu

- ▶ When a website is displayed, call up the menu.
- ▶ Select **Add to favourites** from menu (▷ page 481).

Selecting favourites

- ▶ Call up the carousel view (▷ page 480).
- ▶ Select a favourite from the carousel display with the controller.
The favourite is opened.

Editing favourites

Editing favourites in the carousel view

- ▶ Call up the carousel view (▷ page 480).
- ▶ Select **Edit**.
An input menu appears.
- ▶ Enter the web address (URL) and name using either the character bar or the number keypad (▷ page 369).

Editing favourites in the Favourites menu

- ▶ Call up the menu (▷ page 480).
 - ▶ Select **Display favourites**.
The favourite is displayed.
 - ▶ Press the controller.
The Favourites menu appears.
 - ▶ Select **Edit**.
- or
- ▶ Press the ***** key on the number keypad.
An input menu appears.
 - ▶ Enter the web address (URL) and name using either the character bar or the number keypad. Character entry (▷ page 369).

Other functions in the Favourites menu

Opening current favourites

- ▶ Call up the Favourites menu (▷ page 482).
- ▶ Select **Open**.

Opens the current favourites in a new window.

Opening in a new window

- ▶ Call up the Favourites menu (▷ page 482).
- ▶ Select **Open in new window**.

Calling up details

- ▶ Call up the Favourites menu (▷ page 482).
- ▶ Select **Details**.

or

- ▶ Press the button.
The detailed display appears.

Exiting

- ▶ Call up the Favourites menu (▷ page 482).
- ▶ Select **End**.

or

- ▶ Press the button to the left of the controller.
The Favourites menu closes.

Deleting favourites

Deleting favourites in the carousel view

- ▶ Call up the carousel view (▷ page 480).
- ▶ Select **Delete**.
A query appears.
- ▶ Select **Yes** and confirm.
The favourite is deleted.
If you select **No**, the process will be cancelled.

Deleting favourites in the Favourites menu

- ▶ Select **Delete**.

or

- ▶ Press the button.
The favourite is deleted.

Settings

Settings menu

- ▶ Call up the menu (▷ page 480).
- ▶ Select **Setup**.

You can activate/deactivate the following settings:

- **Download images automatically**

It may take some time to download the contents of websites that contain a large

number of images. Therefore, it may be useful to deactivate this option.

- **Block popups**

Popups are windows (usually with advertisements) which are displayed automatically when you call up a website. You can block these displays.

- **Enable JavaScript**

JavaScript makes it possible to display and interact with dynamic content on the website.

- **Enable cookies**

Some websites save information in small text files (cookies) in COMAND Online. You can determine whether cookies may be stored.

- **Character size**

You can select the font size which is used when displaying the website.

- **Character code**

You can select a different character set here, e.g. if the characters of a website appear distorted.

- **Deleting private data**

Deletes data which has been saved by the browser during Internet use.

Changing settings

- ▶ Select the controller settings.
Switch the setting on or off .
- ▶ Select **Character size** or **Character code** with the controller.

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

Deleting private data

- ▶ Select **Delete private data**.
A menu appears.

- ▶ Select the setting with the controller. The • dot in front of an entry indicates which setting is active.



or

- ▶ Select **Delete all data on exiting**. Switch the setting on or off .

Option	Function
All	Deletes all private data.
Cache	Deletes data in the temporary storage.
Cookies	Deletes cookies that are created by websites which you have called up.
Websites visited	Deletes all websites visited (path).
<input checked="" type="checkbox"/> Delete all data on exiting	If this function is activated <input checked="" type="checkbox"/> , all private data is deleted when you exit the Internet browser.

- i** If you reset COMAND Online to the factory settings (reset function), these settings are deleted (▷ page 380).


Calling up the carousel view and closing the Internet browser

- ▶ **To call up the carousel view:** press the  button for longer than two seconds.
- ▶ **To close the Internet browser:** press the  button again for longer than two seconds.

Radio

Radio mode

Switching to radio mode

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

Radio basic display

► To activate the main function and menu bar: in radio mode, slide \uparrow \odot \downarrow the controller.




- ① Main function bar
- ② Status bar with active traffic announcements
- ③ Main display field with available stations and additional displays
- ④ Display of radio station selected
- ⑤ Radio menu bar
- ⑥ Climate control status bar
- ⑦ Context display with additional radio text information

Radio menu overview


Main function bar	Submenu	Commentary
Radio	FM/DAB radio	FM/DAB radio mode
	AM radio	SW/MW/LW radio mode
	Radio station memories	99 preset positions for radio stations
	Info on radio	Digital Owner's Manual
	Internet radio	Web radio

Menu bar	Submenu	Commentary
Options	Tag these tracks	Creates link to iTunes Store
	Frequency entry	Manual frequency entry
	Current station list with EPG	Station list with programme preview
	Start this application from another seat	Starts COMAND Online at a different seat

Menu bar	Submenu	Commentary
	Station tracking	Station tracking options
	Display artist and track	Switches artist and track display on and off
	TA	Switches the traffic announcements on/off
	Sorting	Sorts the list of stations
	Edit	Selects and edits station presets
		Searches for station by name
Waveband		Selection of radio sources
Info		Switches radio text plus information on/off
Sound		Sound and balance control

Switching to DAB radio mode

Using the function button

- ▶ Press the  button.
The radio or DAB radio display appears.
You will hear the last station played in the last ensemble selected.


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 a single frequency.

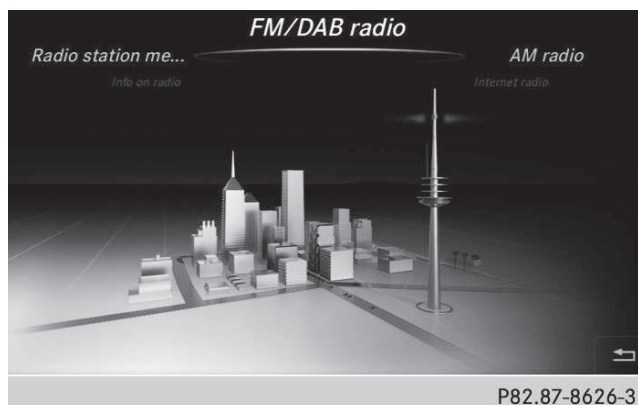
Some stations only transmit programmes at certain times. If you have selected a station that has subsequently been removed from the ensemble, it will no longer be received. You will continue to receive the other programmes in the ensemble. You will then need to select a different programme.

- i** DAB cannot be received everywhere in Europe.

Setting the waveband



Using the function button

- ▶ Press the  button again.
You switch between [FM/DAB radio](#), [AM radio](#), [Radio station memories](#), [Info on radio](#) and [Internet radio](#).
- or



ADDITIONAL SETTING OPTIONS:

Using the main function bar

- ▶ In radio mode: slide   the controller.
The main function bar and menu bar appear. [Radio](#) is active.
- ▶ Press the controller.
The carousel menu appears with a selection of [FM/DAB radio](#), [AM radio](#), [Radio](#)

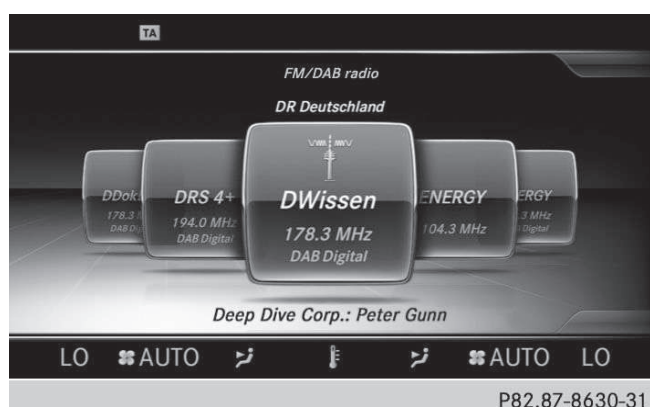
[station memories](#), [Info on radio](#) and [Internet radio](#).

- ▶ Turn the controller until the required waveband is in the centre and press to confirm.
or

Via the menu bar

- ▶ In radio mode: slide $\odot \downarrow$ the controller. The main function bar and menu bar appear.
- ▶ To select the [Waveband](#): turn the controller and press to confirm. The carousel menu appears with a selection of [FM/DAB radio](#), [AM radio](#), [Radio station memories](#), [Info on radio](#) and [Internet radio](#).
- ▶ Turn the controller until the required waveband is in the centre.

Setting a station



From the main display field

- ▶ Turn the controller until the required station is in the centre.

or



From the station list

- ▶ **i** The station list is only available in the FM/DAB waveband. It includes all stations that can be received.
- ▶ In radio mode: press the controller. The station list appears with the stations currently available.
- ▶ To select the desired station: turn and press the controller.



From the current station list with EPG



- ▶ In radio mode: slide $\odot \downarrow$ the controller.
- ▶ Select [Options](#).
- ▶ Select [Current station list with EPG](#).
- ▶ To select the station: turn and press the controller. The loudspeaker symbol in front of a preset position shows the station currently set. The title of the current programme appears below the station name. In addition to the station name, there is also a timeline with a progress bar.
- ▶ **To switch between [Current programme](#) and [Preview](#)**: slide $\leftarrow \odot \rightarrow$ the controller.

Using frequency entry


- ▶ In radio mode: slide $\odot \downarrow$ the controller. The radio menu bar appears.
- ▶ To select [Options](#): turn and press the controller.
- ▶ Select [Frequency entry](#).
- ▶ Enter the station frequency in the entry field using the telephone keypad or

COMAND remote control, and press the controller.

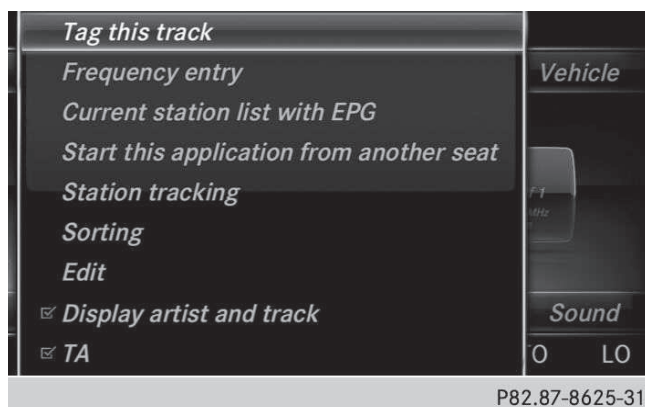
Using the search function

- ▶ In radio mode: slide  the controller. The radio menu bar appears.
- ▶ Select  and enter the first letters of the required station using the controller. As soon as there are enough characters entered, COMAND Online automatically recognises and enters the available stations.


Using station presets

- ▶ Quick setting:
Briefly press a number key, e.g. . The station stored in second place is set.

Tagging music tracks



If an Apple device is connected, the music tracks displayed in the radio text can be purchased from the iTunes Store.

- ▶ In radio mode: slide  the controller.
- ▶ Select **Options**.
- ▶ Select **Tag this track**.
A message will appear about connecting to the iTunes Store.

Radio Data System (RDS)

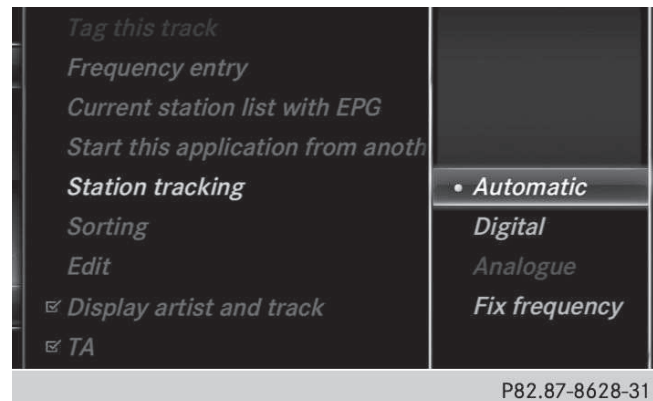
General notes


The Radio Data System (RDS) provides inaudible additional information in the FM waveband.

This includes, for instance, reception quality and RDS data such as programme names and alternative frequencies. COMAND Online saves the data and is therefore able to switch quickly to an alternative frequency with a better signal.

- ▶ **i** RDS only functions for stations which transmit RDS data.

Switching RDS on/off



- ▶ In radio mode: slide  the controller.
- ▶ Select **Options**.
- ▶ Select **Station tracking**.

Automatic

Switching between alternative frequencies in the analogue (FM) and digital (DAB) wavebands takes place automatically.

Digital

Station tracking only searches in the digital waveband.


Analogue

Station tracking only searches in the analogue waveband.

Frequency fix


COMAND Online stays with the stations set even if reception is poor and does not change to a frequency with better reception quality.

Display artist and track


- ▶ In radio mode: slide  the controller.
- ▶ Select **Options**.
- ▶ You can determine whether or not radio text plus information is shown in the main

display area with or before **Show artist and title**.


Switching traffic announcements on/off

- i** You can receive traffic announcements (TA) from a number of FM stations. **TA** in the status bar indicates that traffic announcement reception is switched on.
- ▶ In radio mode: slide  the controller.
- ▶ Select **Options**.
- ▶ You can switch the traffic announcements on or off with or before **TA**. If the traffic announcement function is switched on, the symbol **TA** appears in the status bar.


or

- ▶ Press and hold the  button on the **multifunction steering wheel** until the **TA** display in the status bar lights up or goes out. A warning tone sounds. If the traffic announcement function is switched on, the **TA** symbol appears in the status bar.
- i** When traffic announcements are switched on, a traffic announcement will interrupt the currently activated radio or media source. Telephone conversations and navigation announcements are not interrupted.

Interrupting a traffic announcement

- ▶ Briefly press the  button on the multifunction steering wheel. COMAND Online switches back to the station that was selected before the announcement. Any subsequent new announcements will continue to interrupt the station.

Sorting

- ▶ In radio mode: slide  the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Sorting**.



ABC/123

The current list of stations is ordered alphabetically.

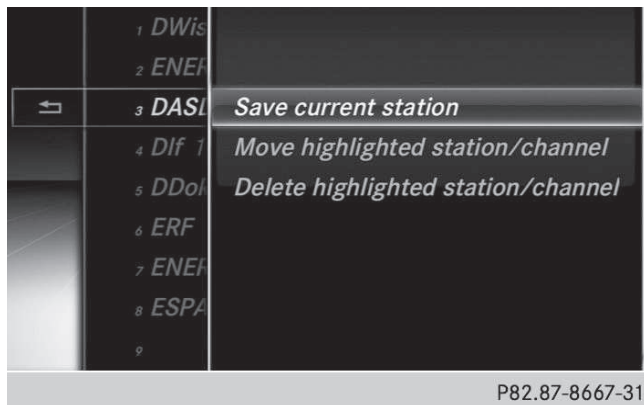
Genre

The current list of stations is ordered according to genre, such as Pop/Classic/Info etc.

Storing a station

- i** The most important stations for your region are already saved in COMAND Online. There are 99 preset positions available.
- ▶ **Quick store:** press the number key, e.g. , until you hear a tone. The station is saved to second place in the radio station presets.
- ▶ **To save using edit:** in radio mode, slide  the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Edit**. The list of saved stations appears.
- ▶ To select the preset: turn the controller and press. A tone confirms that the currently selected station has been saved to the radio station presets. Any preset already occupied is overwritten by the newly saved station.

Managing preset entries



Storing current stations

- ▶ In radio mode: slide $\odot \downarrow$ the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Edit**.
- ▶ Select the position of the required preset: turn the controller.

This can also be a preset position that is already occupied, which is then overwritten by the current station.

- ▶ Slide $\odot \rightarrow$ the controller.
An additional menu appears.
- ▶ To select the **Save current station** option: turn and press the controller.
The currently set station is stored in the selected preset position. A tone signals a successful preset entry.

Moving marked stations

- ▶ In radio mode: slide $\odot \downarrow$ the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Edit**.
- ▶ To select the required preset entry: turn the controller.
- ▶ Slide $\odot \rightarrow$ the controller.
An additional menu appears.

- ▶ To select the **Move highlighted station/channel** option: turn the controller and press to confirm.
The list of stored stations appears again.
- ▶ To move the marked station to the new position: turn the controller and press to confirm.
A tone signals the successful transfer of the station to the new position in the storage list.

Deleting marked stations

- ▶ In radio mode: slide $\odot \downarrow$ the controller.
- ▶ To select **Options** in the menu bar: turn and press the controller.
- ▶ Select **Edit**.
- ▶ To select the required preset entry: turn the controller.
- ▶ Slide $\odot \rightarrow$ the controller.
- ▶ To select the **Delete highlighted station/channel** option in the additional menu: turn and press the controller.
A tone signals the successful deletion of the station from the list.

Radio text/radio text plus

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

Radio text is additional data that, in addition to displaying the artist and track, also includes information on the current program. If the station supports radio text plus, only the artist and track are displayed.

- ▶ To switch on radio text: in radio mode, slide $\odot \downarrow$ the controller.
The **Radio** menu bar is shown.
- ▶ To select **Info**: turn the controller and press to confirm.



With an active **Info** button, a larger view of the radio stations set will be shown together with radio text information in place of the radio station overview. The frequency is visible in the context display.

- ▶ To switch on radio text plus: in radio mode, slide the controller. The **Radio** menu bar is shown.
- ▶ Select **Info**. The display switches back to the radio station overview with radio text information.

Media

Features of your COMAND Online

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

Activating media mode

General notes

There are several ways to activate media sources using COMAND Online.

The relevant sections of the Owner's Manual describe the simplest way to activate a media source.

This section describes all options for activating media sources.

Using the MEDIA button

- ▶ Press the button. The menu for the last accessed media source appears.
- ▶ To select the media source: keep pressing the button until the required media source has been set.

The media sources appear in the following order:

- CD
- Memory card
- Media Register
- Media Interface 1
- Media Interface 2
- BT audio
- Aux

If playable music files are found, they will be played by COMAND Online.

- ▶ To display the function bars: slide the controller.

Switching on automatically

- ▶ When an external media source is connected, this media mode is automatically switched on by COMAND Online.

External media sources:

- Apple devices (e.g. iPhone)
- USB devices (e.g. USB stick, MP3 player)
- SD cards

- via AUX cable (automatic activation depends on the device connected)

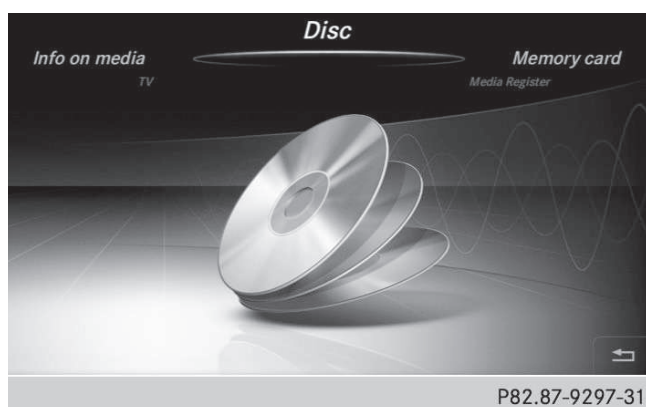
- via devices connected by Bluetooth

If playable music files are found, they will be played by COMAND Online.

If a media function is already switched on in COMAND Online, this will be interrupted and the basic display of the newly connected device will appear.

If COMAND Online is being operated in another function, such as navigation, when an external media source is connected, the basic display will not change. Only the music from the newly connected data carrier will play

Using the main function bar



Display of media sources in the carousel menu

- ▶ To select **Media**: turn the controller and press to confirm.
The carousel menu appears with the available media sources.
- ▶ Select the media source.
If the disc contains music or video files, these will be played. The corresponding basic menu will be shown.

Using the number keypad

- ▶ Touch any number key when in media mode.
You see the numbered keypad. The active disc is marked.
- ▶ To select a disc: press the corresponding number key.
If the disc contains music or video files, these will be played. The corresponding basic menu will be shown.

Using the device list



- ▶ In media mode, slide the controller.
The media menu bar appears.
- ▶ To select **Devices**: turn the controller and press to confirm.
The available media sources will be shown. The dot indicates the current setting.
- ▶ Select the media source.
If the disc contains music or video files, these will be played. The corresponding basic menu will be shown.

Audio CD/DVD and MP3 mode

Safety notes

WARNING

The CD/DVD drive is a class 1 laser product. If you open the housing of the CD/DVD drive, invisible laser beams may be released. These laser beams may damage your retina. There is a risk of injury.

You must not open the casing. Always have maintenance work and repairs carried out at a qualified specialist workshop.



 **WARNING**

Only when the vehicle is stationary should you:

- load a disc
- eject a disc

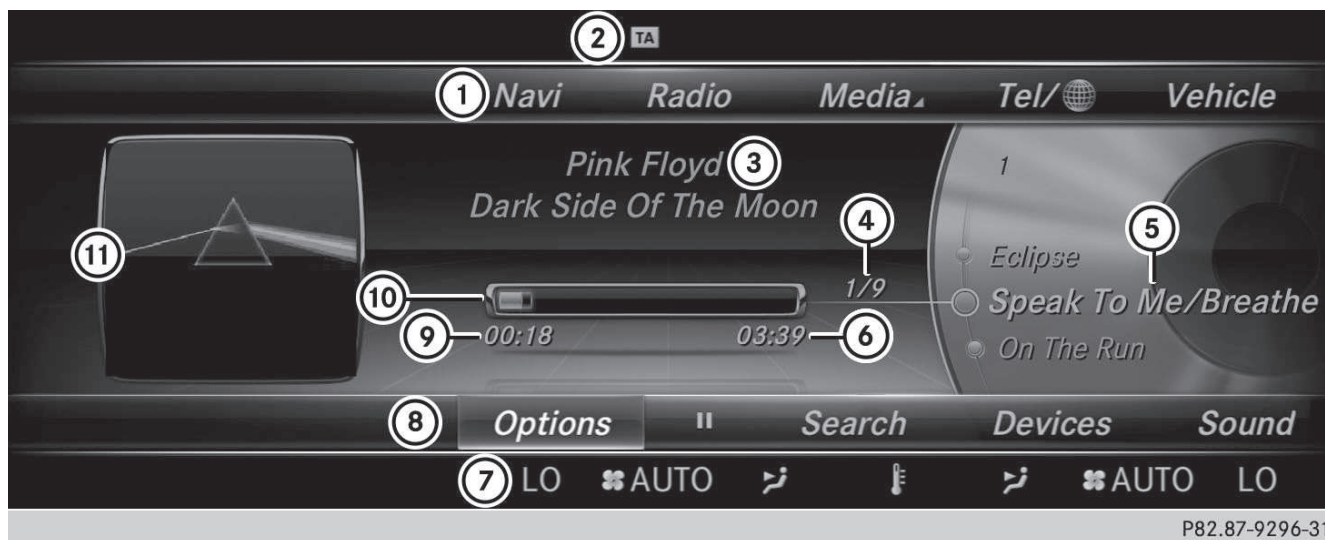
There is a risk of being distracted from the road and traffic conditions if this is done while the vehicle is in motion.

Inserting and removing a disc from the single CD/DVD drive

- ▶ **To insert:** press the  button on the single drive.
If there is a disc already inserted, it will be ejected.
- ▶ Insert a disc into the disc slot with the printed side facing upwards.
The drive closes and the disc is played.
If the CD/DVD is operated in Media mode, the corresponding basic menu will be shown. If the CD/DVD is started using another application (e.g. Navi), the display will not change.
- ▶ **i** The drive may not be able to play discs with copy protection.
- ▶ **To remove:** press the  button.
The drive ejects the disc.
- ▶ Remove the ejected disc from the slot.
If you do not take the disc out of the slot, it is drawn in again automatically after a short while.

Menu overview

CD mode basic display

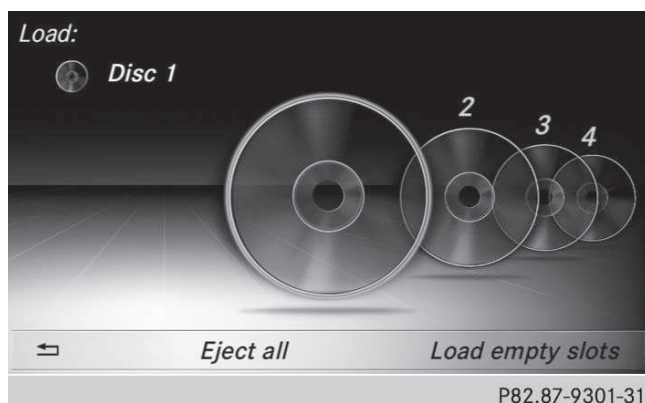


- ① Main function bar
- ② Status bar with active traffic announcements
- ③ Artist and album
- ④ Track number/number of songs in the track list
- ⑤ Track display on the disc
- ⑥ Playback time for the current title
- ⑦ Climate control status bar
- ⑧ Media menu bar
- ⑨ Elapsed playback time for the current title
- ⑩ Graphic time display
- ⑪ Additional display area with cover view

Inserting discs into the DVD changer

The DVD changer has a magazine with six trays.

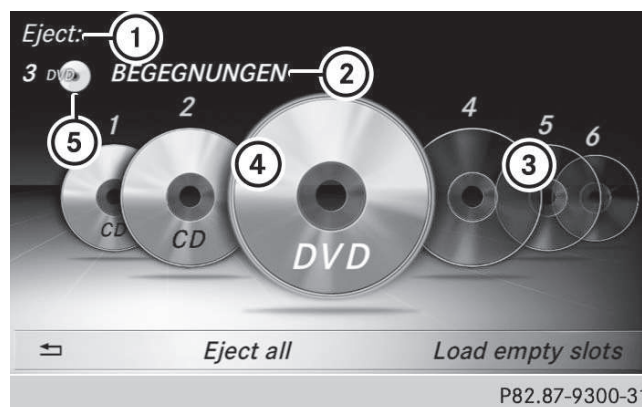
- ▶ **To insert the CD/DVD into the magazine tray:** press the  button. The magazine menu appears.







- ▶ **To select the magazine tray:** turn the controller and press to confirm. The DVD changer switches to the selected magazine tray. You see the **Please wait...** message. You then see the **Please insert disc <<x>>** message.
- ▶ Insert a disc into the disc slot with the printed side facing upwards.



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- ▶ **To load the empty magazine trays:** press the  button.
The magazine menu appears.
- ▶ To select **Load empty slots**: slide , turn and press controller.
COMAND Online switches to the next empty magazine tray.
You see the **Please wait...** message.
You then see the **Please insert disc <<x>>** message.
- ▶ Insert a disc into the disc slot with the printed side facing upwards.
Once the disc is loaded, the DVD changer switches to the next empty tray.
- ▶ Repeat these steps until all magazine trays are filled.
The DVD changer plays the last inserted disc.
- ▶ **To cancel the loading process:** press the  button.
or
- ▶ To select  in the magazine menu: turn and press the controller.

Ejecting discs from the DVD changer

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

- ▶ **To eject a single CD/DVD:** press the  button.
The magazine menu appears. The current disc is marked.

- ① Data medium type
 - ② Active ejection
 - ③ Disc name
 - ④ Empty tray no. 4
 - ⑤ Current disc
- ▶ To select a disc: turn the controller and press to confirm.
The DVD changer ejects the disc.
 - ▶ Take the disc out of the slot.
 - ▶ **To eject all CDs/DVDs:** press the  button.
The magazine menu appears.
 - ▶ Select **Eject all**.
The last selected disc is ejected.
The **Please remove disc <<<<x>>>>** message appears.
 - ▶ Remove the disc.
The DVD changer ejects the disc.
 - ▶ Repeat the last step until the magazine is empty.
 - ▶ **To exit the menu:** press the  button.
or
 - ▶ Select  in the magazine menu.

Inserting and removing an SD memory card

General notes

COMAND Online supports SD memory cards (Secure Digital) and SDHC memory cards (Secure Digital High Capacity).

- i** If you are no longer using the SD memory card, you should remove it. High temperatures can damage the card.

Insert an SD memory card

- ▶ Insert the memory card into the slot on the control panel until the SD memory card engages into place. The side with the contacts must face downwards.

The music is played while the files are loaded in the background. If there are no supported audio/video files, you will see a message to this effect.

Ejecting an SD memory card

- ▶ Press the memory card.
The memory card is ejected.
- ▶ Remove the memory card.

Connecting USB devices

There are two USB ports located in the storage compartment in the centre console.

- ▶ Connect the USB device to the USB port.
The music is played while the files are loaded in the background. If there are no supported audio/video files, you will see a message to this effect.

- i** MP3 players must support Media Transfer Protocol (MTP).

Switching to audio CD/audio DVD or MP3 mode

Switching on automatically

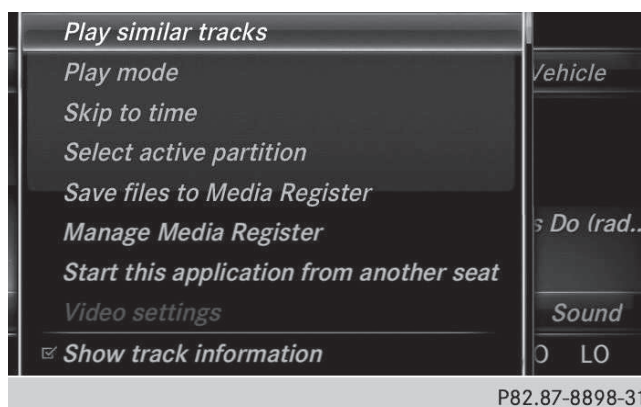
When an external media source is connected, the media mode is automatically switched on by COMAND Online.

- ▶ Insert CDs/DVDs: (▷ page 493)
- or
- ▶ Insert a SD memory card: (▷ page 495)
- or
- ▶ Connect a USB device: (▷ page 496)
COMAND loads the medium inserted and starts to play it automatically.

FURTHER OPTIONS FOR SWITCHING ON:

- Using the number keypad: (▷ page 492)
- Using the main function bar: (▷ page 492)
- Using the device list: (▷ page 492)
- Using the **MEDIA** button: (▷ page 491)

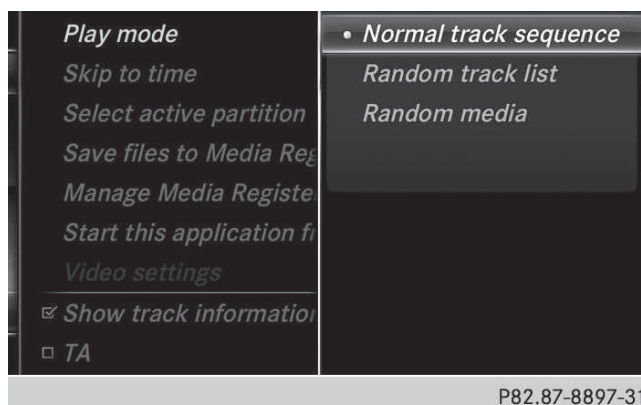
Options menu



- ▶ In Media mode, slide **⊙** ↓ the controller.
The media menu bar is shown.
- ▶ To select **Options**: turn the controller and press to confirm.

Playing similar tracks

- ▶ Select **Play similar tracks**.
COMAND Online automatically creates and plays a track list with similar tracks. If there are no comparable tracks on the data carrier, you will see a message to this effect.
- ▶ Select the required track.



Play mode

- ▶ To select **Play mode**: turn the controller and press to confirm.
- ▶ Select **Normal track sequence**.

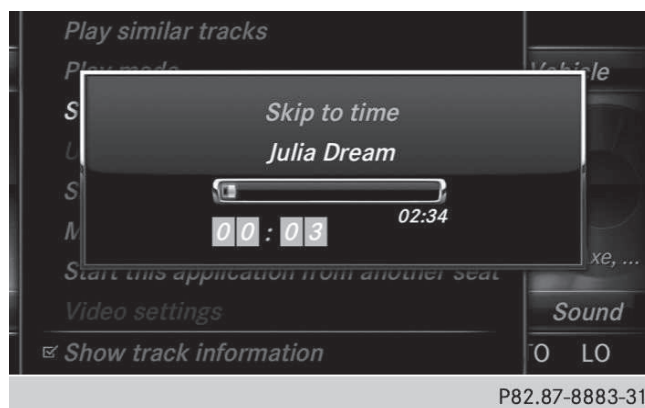
The current tracklist is played in the order it appears on the data medium.

- ▶ To select **Mix track list**.

The current track list is played in random order.

- ▶ Select **Random media**.

All tracks on the data medium are played in random order.



Skip to time

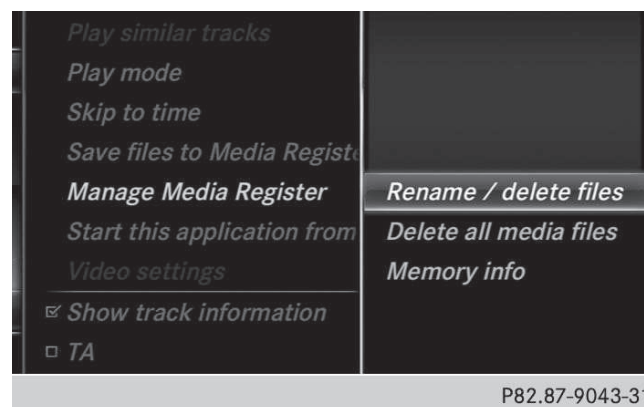
- ▶ Select **Skip to time**.
A pop-up menu appears.
- ▶ To set the time: turn the controller.
or
Set the desired time using the number keypad.

Select active partition

- ▶ With the **Select active partition** option, you can select a partition in the USB data medium.

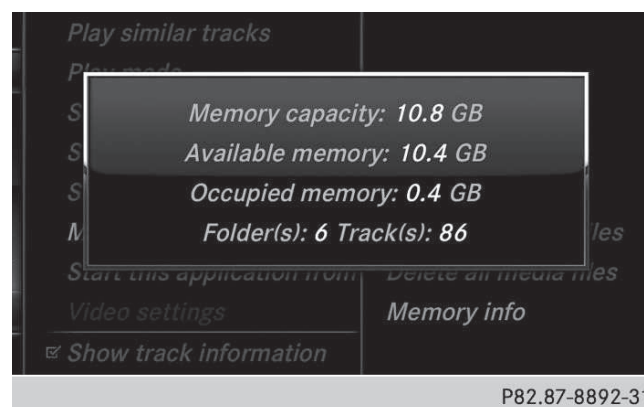
Save files to Media Register

- ▶ With the **Save files to Media Register** option, you can transfer supported audio/video/image files to the COMAND Online hard drive.
- ▶ To select the option **Save files to Media Register**: turn and press the controller
A menu opens (▶ page 504).



Managing the Media Register

- ▶ To select **Rename / delete files**: press the controller.
The contents are shown. Using the controller, files and folders can be renamed or deleted.
A pop-up window appears when the file is renamed. The characters are entered using the controller.
- ▶ To select **Delete all media files**: turn and press the controller.
Files and folders can be completely deleted from the Media Register.
- ▶ Select **Memory info**: important parameters for your COMAND Online hard drive are shown.









Start at a different seat

Link to....

Show track information




Checking or unchecking the box before **Show track information** displays or hides the information on the track, artist and album in the main display field.

Stop and playback function


- ▶ **To stop playback:** in audio/video mode, slide  the controller. The media menu bar is shown.
- ▶ To activate  in the media menu bar: turn the controller and press to confirm. Playback is interrupted here. The display changes to .
- ▶ **To continue playback:** in audio/video mode, slide  the controller. The media menu bar is shown.
- ▶ To activate  in the Media menu bar: turn and press the controller. Playback is continued from the point of interruption. The symbol changes to .

Selecting a track

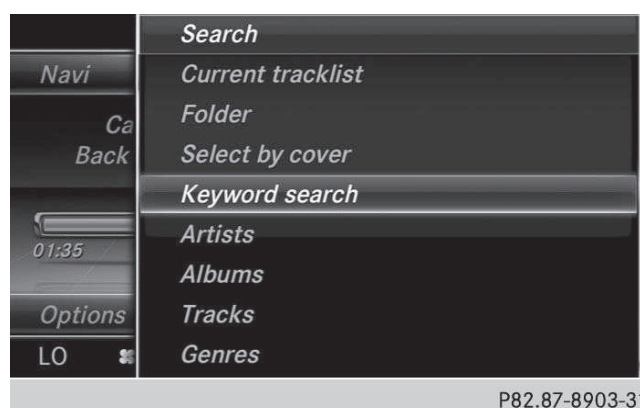
Selecting by skipping to a track


- ▶ To skip forwards or backwards to a track: turn or briefly slide    the controller in the media basic display.

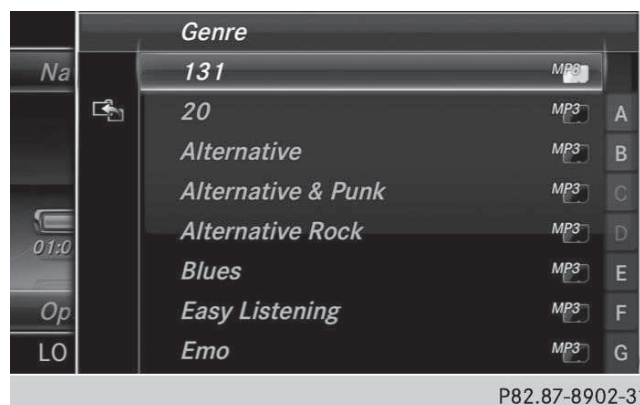
Selecting a track using the number keypad

- ▶ Press the  key on the number keypad. 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 keys. The track plays after the last possible number is entered.
- i** Pressing and holding a number key for more than 2 seconds completes the entry, and the corresponding track is played.

The search menu



- ▶ In media mode, slide  the controller. The media menu bar is shown.
- ▶ To select **Search**: turn the controller and press to confirm. The category list is shown.
- ▶ Select a category, e.g. **Genres**. Sub-categories appear with the selection of the main category (depends on the COMAND Online default settings and the music tracks available).
- ▶ Select a sub-category, e.g. **Blues**. If the sub-category **Blues** includes music tracks, these will be shown.



Gracenote Media Database

General notes

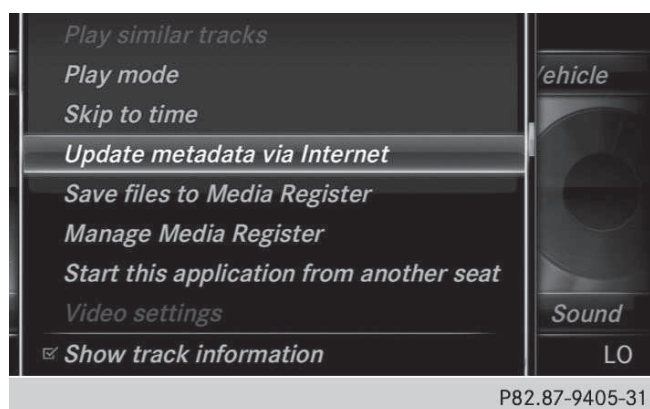
This function is only available in audio CD mode.

There is a version of Gracenote® music recognition technology, Emeryville, California, USA on the COMAND Online hard disk. You will recognise

this by the logo in the bottom right-hand corner of certain audio displays.

If the audio CD does not contain any CD text information, COMAND Online can use the Gracenote® Media Database to identify unknown audio tracks when in audio CD mode.

Internet update of metadata



With the option **Internet update of meta data**, the CD-A meta data that is not available (cover, track, album, artist, etc.) can be reloaded to the internal Gracenote database. An Internet connection is required for this. See [Selecting Internet update of meta data](#)

- ▶ In media mode, slide the controller. The media menu bar is shown.
- ▶ To select [Options](#): turn the controller and press to confirm.
- ▶ In the selection list, select [Update metadata via Internet](#).

A connection with the Gracenote data server is established. The missing data is loaded, saved and displayed in the main display field.

If there is no data found or there is no Internet connection, a corresponding error message will appear.

Switching the Gracenote® data display on/off

- ▶ Switch on audio CD mode .
- ▶ To select [Gracenote Media Database](#): turn and press the controller.

- ▶ To switch the display off: select [None](#). In the basic display, [Track 1](#), [Track 2](#) etc. are shown instead of the Gracenote® data, for example.
- ▶ To switch on the display: press the controller.

Notes on MP3 mode

Permissible data carriers

- CD-R and CD-RW
- DVD-R and DVD-RW
- SD memory card
- USB storage device

Permissible file systems

- ISO 9660/Joliet standard for CDs
- UDF for audio and video DVDs
- FAT16, FAT32, exFAT and NTFS for SD memory card and USB storage media

Multisession CDs

For multisession CDs, the content of the first session determines how COMAND Online will process the CD. COMAND Online plays only one session and gives priority to the audio CD session.

File structure of a disc

When you create a disc with compressed music files, the tracks can be organised in folders. A folder may also contain subfolders. The disc may contain no more than eight directory levels. Files beyond the eighth level will not be recognised by the system.

- COMAND Online loads up to 15,000 files from USB/SD storage media.

Track and file names

When you create a disc with compressed music files, you can assign names to the tracks and folders.

If MP3 or WMA files are stored in the root directory itself, the root directory will also be treated as a folder.

You should observe the following when assigning track names:

- track names must have at least one character.
- track names must have the ending of a supporting audio/video format, e.g. mp3m, mp3, aac 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:

- MP3
- WMA
- additional music files in AAC format with the file extensions .aac, .mp4, .m4a and .m4b, but not copy-protected iTunes music files with the extension .m4p.

Permissible bit and sampling rates

COMAND supports MP3 files of the following types:

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

COMAND Online supports WMA files of the following types:

- fixed bit rates from 5 kbit/s to 384 kbit/s
- sampling rates of 8 kHz to 48 kHz

COMAND Online 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 may cause a noticeable deterioration in quality. This is especially the case if you have activated a surround sound function.

Selecting an active partition (USB mass storage devices only)

You can select this function for USB storage devices when the storage device is partitioned. Up to 9 partitions (primary or logical, FAT, FAT32 and NTFS) are supported.

Select active partition

- ▶ To select **Options** in the menu media bar: turn and press the controller.
- ▶ **Select active partition**.

Notes on copyright

Audio/video files that you create or reproduce yourself for playback are generally subject to copyright protection.

In many countries, reproductions, even for private use, are not permitted without the prior consent of the copyright holder.

Make sure that you know about the applicable copyright regulations and that you comply with these.

Notes on CDs/DVDs

! COMAND Online is designed to play discs which comply with the EN 60908 standard. Therefore, you can only use discs with a maximum thickness of 1.3 mm.

If you insert thicker discs, e.g. those that contain data on both sides (DVD on one side and audio data on the other), they cannot be ejected and can damage the device.

Only use round discs with a diameter of 12 cm. Do not use discs with a diameter of 8 cm, even with an adapter.


Discs with copy protection are not compatible with the CD standard and therefore may not be able to be played by COMAND Online. You may encounter playback problems when playing copied discs.

There may be playback problems if you play CDs that you have copied yourself with a storage capacity of more than 700 MB.

i COMAND Online is able to play back audio CDs in multichannel audio format.

Music search

Starting a music search

- ▶ In Media mode, slide  the controller. The media menu bar appears.
- ▶ To select **Search**: turn the controller and press to confirm. The category list appears.

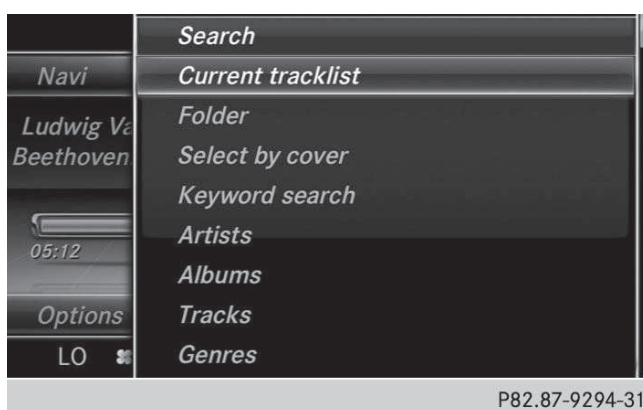
General notes

COMAND Online reads media files from the following data carriers:

- Disc (CD/DVD Audio)
- Memory card
- MEDIA REGISTER
- USB memory
- Apple devices (folder, year and photos are not available)

The categories are displayed according to the data available.

Category list



Depending on the connected media sources and files, the following categories are listed:

- **Current tracklist**
- **Folder**
- **Select by cover**
- **Keyword search**
- **Playlists**
- **Artists**
- **Albums**
- **Tracks**

- **Genres**
- **Year**
- **Composers**
- **Videos**
- **Photos**


- ▶ **i** The functions are available as soon as the entire media content has been read and analysed.

If the same device is reconnected with unchanged media content, these functions are available more quickly.

When connecting Apple® devices, the categories “Folder”, “Year” and “Photos” are not available.

Searching by genre



- ▶ To select **Genre** in the category list: turn and press the controller. COMAND Online searches all media sources. A selection list with **Genre** and media sources appears.
- ▶ To select the desired **Genre**: turn and press the controller. A selection list with music tracks from the selected genre appears.
- ▶ Select a music track. The track is played. The basic menu for the active media source is shown.
- ▶ To exit the selection list: press the  button.

To search for other categories, proceed as described in the example for "Searching by genre".

Search by current track list



- ▶ To select **Current track list** in the category list: turn and press the controller. The selection list appears.
- ▶ Select the required track.

Searching by folder

Here, the search covers the entire directory and the tracks available from the active data medium.

- ▶ To select **Folder** in the category list: turn and press the controller. The folder list appears.
- ▶ Select the required folder. The track list appears.
- ▶ Select the required track.

Keyword Search



- ▶ To select **Keyword search** from the category list: turn the controller and press to confirm.

The input field appears.

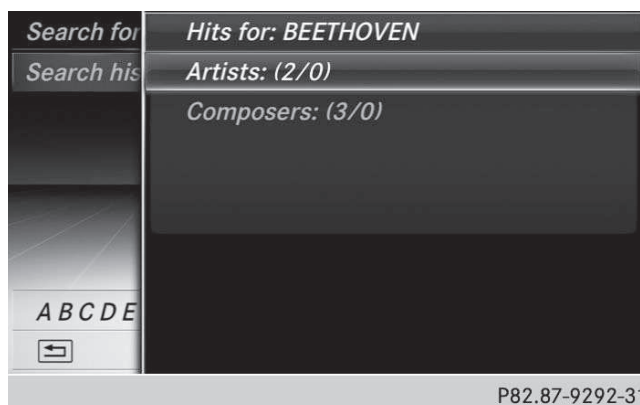
- ▶ To select all required characters: turn and press the controller for each letter (▷ page 369).

- ▶ **ok** .

The search results are displayed.

The numbers behind the results, as shown in the example **Artists** (2/0), represent 2 results that match the keyword exactly and 0 results that are similar.

- ▶ Select one of the results. Any entries already included in the results list are shown in the **Search history** and can be directly selected.



- ▶ Select one entry, e.g. **Artists**. Albums and covers (if available) are shown.
- ▶ Select an album. The tracks are listed.



- ▶ Select a track. The basic display appears and playback starts.

Media Register

General notes

- **i** Keep your original music files, photos and video files in a secure location. An error in COMAND Online may result in the loss of music files stored in the MEDIA REGISTER. Mercedes-Benz is not liable for any loss of data.

You can store music files, photos or video files in the MEDIA REGISTER. The memory has a capacity of 10 GB.

Switching the MEDIA REGISTER on

- ▶ Press the **MEDIA** button repeatedly until the MEDIA REGISTER is switched on.

Pressing the button repeatedly changes the operating mode in the following order:

- Disc
- Memory card
- Media Register
- Media Interface 1
- Media Interface 2
- Bluetooth audio
- Aux

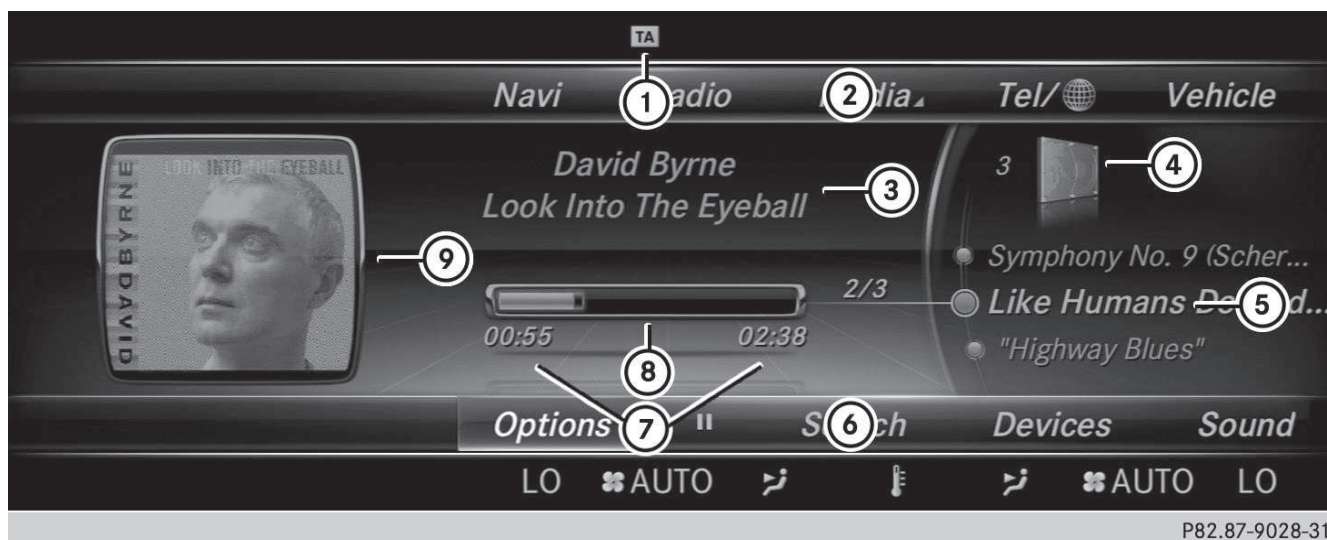
If music files are available, playback begins at the point last listened to.

If there are no files, you will see a message to this effect.

FURTHER OPTIONS FOR SWITCHING ON:

- Using the number keypad: (▷ page 492)
- Using the main function bar: (▷ page 492)
- Using the device list: (▷ page 492)
- Using the **MEDIA** button: (▷ page 491)

MEDIA REGISTER basic display



- ① Status bar with traffic announcements switched on
- ② Main function bar
- ③ Artist and album
- ④ Display for the active data medium
- ⑤ Display of current track in the track list
- ⑥ Media menu bar
- ⑦ Numerical time display
- ⑧ Graphic time display
- ⑨ Additional display area with cover view

Copying files to the MEDIA REGISTER

General notes

You can copy photos, music files and videos from the following media:

- discs in a CD/DVD changer or a single CD/DVD drive
- SD memory card
- USB memory
- MP3 player

i Data can only be copied from an MP3 player if this can be configured as a mass storage device.

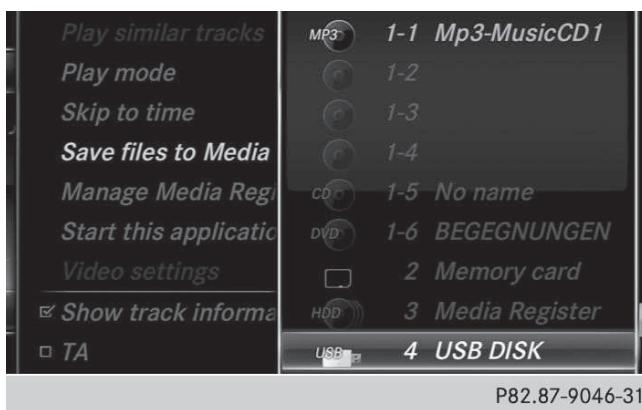
Video files from DVD-V cannot be copied.

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

1. Selecting a data medium

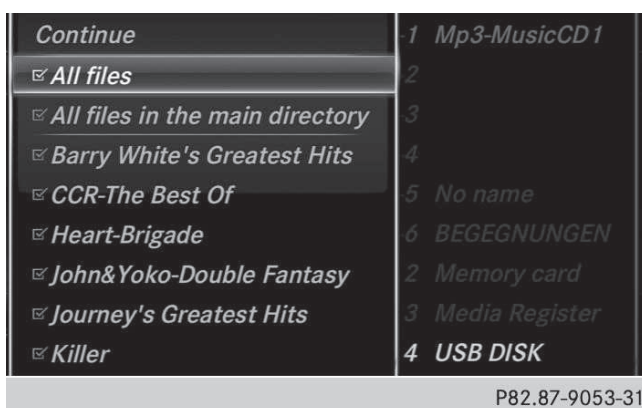
- ▶ To switch on media mode: keep pressing the **MEDIA** button until the required media mode has been switched on.
- ▶ Slide **⊙↓** the controller. The media menu bar appears.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Save files to Media Register**. The media list appears. A data medium from which files can be copied is selected automatically.

i The function **Save files to Media Register** can be accessed from any media application.



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- ▶ Select the displayed data medium. The data medium is loaded. If the data medium contains files that can be copied, you will see a selection menu.



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2. Selecting files

- ▶ To select **All files**: turn the controller and press to confirm. This command copies all files from the selected data medium. The symbol in front of **All files** is filled in. All subsequent entries have a tick beside them.
- ▶ Select a folder. A tick next to the folder entry highlights the selection.
- i** The selection of a target folder is optional. If there is no target folder given, the selected files are saved to the main directory of the Media Register.

3. Confirming your selection

- ▶ To select **Continue**: turn the controller and press to confirm. The copying menu appears.

4. Starting the copying process



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In the example, files are copied from a USB stick to the MEDIA REGISTER.

- ▶ To select **Start**: press the controller. If there is no target folder given, the selected files are saved to the main directory of the Media Register.
- ▶ To select **Target folder**: turn and press the controller.
- ▶ Select a folder.
- ▶ Select **Continue**.
- ▶ To select **Start**: press the controller. Copying begins. The progress bar indicates the status of the copying procedure. It may take some time for the copying process to be completed, depending on the amount of data. If there is not enough memory space, you will see a message to this effect.

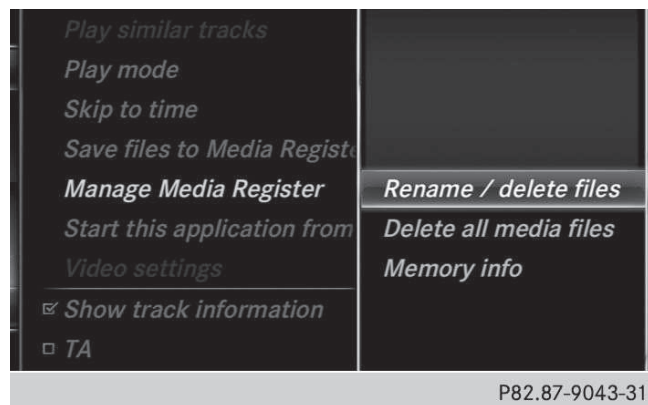


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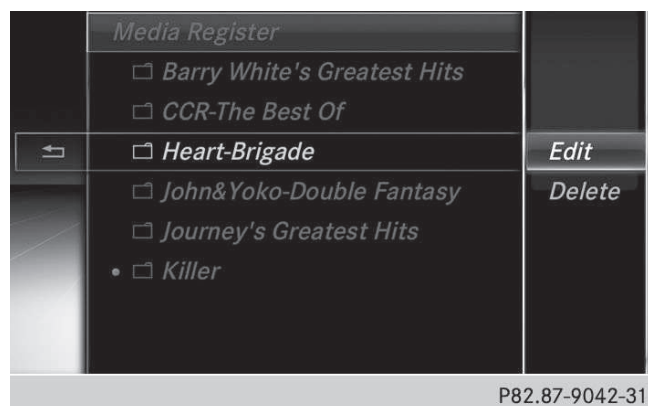
Once copying is complete, you hear the first track of the copied album. You can now copy more files to the MEDIA REGISTER.

- ▶ To cancel copying: select **Cancel**. Files are stored in the MEDIA REGISTER up until the point of cancellation.

Renaming/deleting files



- ▶ To switch on Media mode: keep pressing the **MEDIA** button until the required media mode has been switched on.
- ▶ Slide **⊙↓** the controller. The media menu bar appears.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Manage Media Register**.
- ▶ Select **Rename / delete files**. The file list is displayed.
- ▶ To highlight the selected files: turn and press the controller.
- ▶ Slide **⊙→** the controller. You can select either **Edit** or **Delete**.



- ▶ To select the **Edit** file: turn and press the controller. The following entry field appears.



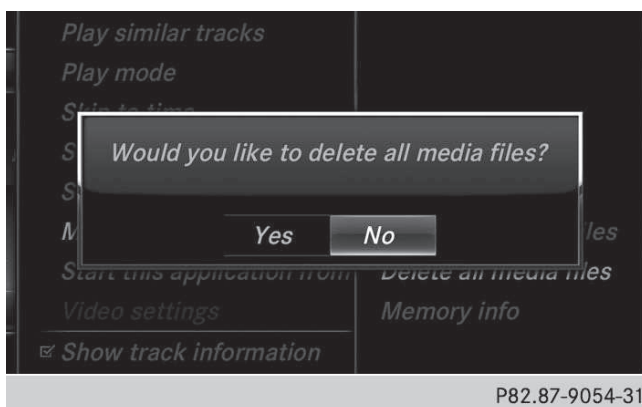
- ▶ Rename the file.
- ▶ To save changes: press **ok** with the controller. Renaming a file only changes the name. Depending on whether or not the **Show track information** option has been selected, this change may not be seen in the main display field.
- ▶ To select the **Delete** file: press the controller.

Deleting all files

! In order to prevent malfunctions, do not use COMAND Online during this time.

This function deletes all files from the MEDIA REGISTER.

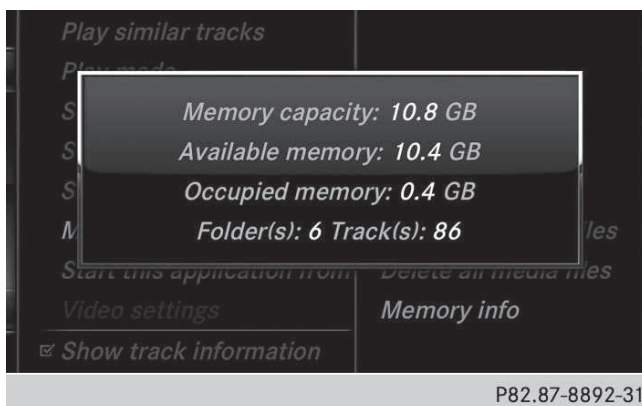
- ▶ To switch on media mode: keep pressing the **MEDIA** button until the required media mode has been switched on.
- ▶ Slide **⊙↓** the controller. The media menu bar appears.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Manage Media Register**.
- ▶ Select **Delete all media files**. A query appears. **No** is highlighted. If you select **Yes**, all files are deleted. You see the **Please wait...** message. You will then see the **Data successfully deleted** message. If you select **No**, the process will be cancelled.



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Calling up memory space information

- ▶ To switch on media mode: keep pressing the **MEDIA** button until the required media mode has been switched on.
- ▶ Slide **⊙↓** the controller. The media menu bar appears.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Manage Media Register**.
- ▶ Select **Memory info**.

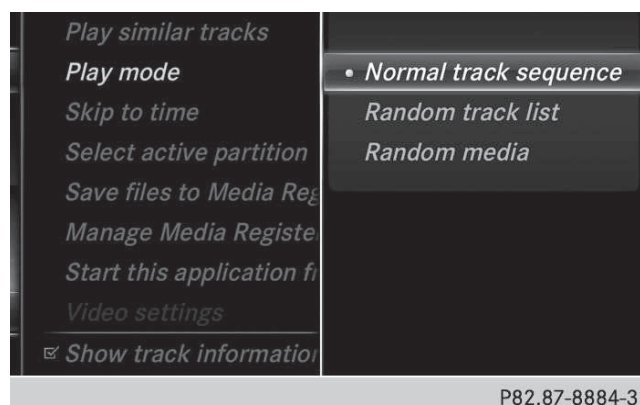


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Selecting a playback mode

- ▶ To switch MEDIA REGISTER on: press the **MEDIA** button repeatedly until the MEDIA REGISTER is switched on.
- ▶ Slide **⊙↓** the controller. The media menu bar appears.
- ▶ To select **Options**: turn the controller and press to confirm.

- ▶ Select **Play mode**. The options list appears. The **•** dot indicates the current setting.
- ▶ Select the desired option. The option is switched on. For all options except **Normal track sequence**, you will see a corresponding icon in the main display.



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- i** The **Normal track sequence** option is automatically selected when you change the disc you are currently listening to or when you select a different medium. If an option is selected, it remains selected after COMAND Online is switched on or off.

The following options are available:

- **Normal track sequence**
The tracks are played in the normal order (e.g. track 1, 2, 3 etc.).
- **Random media**
All the tracks on the medium are played in random order.
- **Random track list**
The tracks in the currently active track list are played in random order.

Operation with Bluetooth® audio

Connecting Bluetooth® audio devices

Conditions

Bluetooth® audio mode requires a Bluetooth®-capable audio device.

Before using Bluetooth® audio mode, you must check your Bluetooth® audio device for the following (see the Bluetooth® audio device's operating instructions):

- Bluetooth® audio profile

The Bluetooth® audio device must support the A2DP and AVRCP Bluetooth® audio profiles.

- Bluetooth® visibility

Certain Bluetooth® audio devices require more than simply activating the Bluetooth® function. In addition, your device must be made "visible" to other devices.

- Bluetooth® device name

This device name is predetermined but can usually be changed. To make a clear selection of the Bluetooth® device possible, Mercedes-Benz recommends that you customise the device name (see the Bluetooth® audio device's operating instructions).

i A2DP (**A**dvanced **A**udio **D**istribution **P**rofile): Bluetooth® audio profile for audio data transmission

AVRCP (**A**udio **V**ideo **R**emote **C**ontrol **P**rofile): Bluetooth® audio profile for audio data playback

i The Bluetooth® device must be visible for authorisation. It will then be subsequently found by COMAND Online whether it is visible or not.

On COMAND Online

- ▶ Activate the Bluetooth® function in COMAND Online (▷ page 379).

General notes

Before using your Bluetooth® audio device with COMAND Online for the first time, you will need to authorise it.

When you authorise a new Bluetooth® audio device, it is connected automatically. Connection involves first searching for a Bluetooth® audio device and then authorising it.

You can authorise up to fifteen Bluetooth® devices.

i If you authorise a mobile phone that supports Bluetooth® audio, the A2DP and AVRCP Bluetooth® audio profiles are connected automatically.

The mobile phone is then entered:

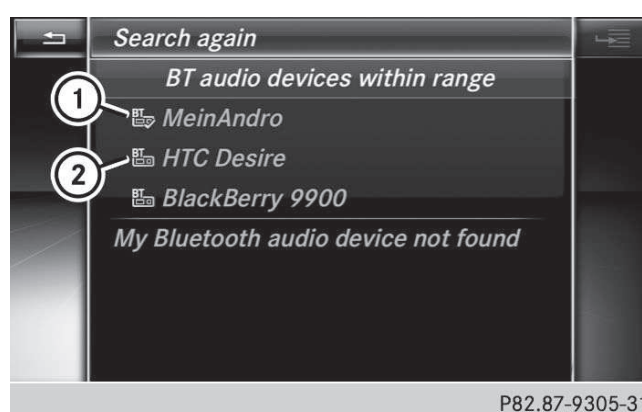
- in the Bluetooth® telephone list (▷ page 426)
- in the Bluetooth® device list (▷ page 508)

Mercedes-Benz recommends authorising a mobile phone in Bluetooth® telephony (▷ page 428).

i If the mobile phone that is connected only supports two Bluetooth® profiles at the same time, COMAND functions may behave as follows:

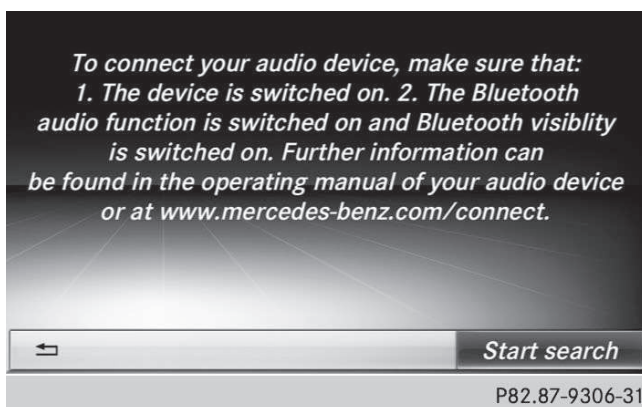
- when connecting to the Internet, playback is stopped on the Bluetooth® audio device (▷ page 471).
- when starting playback on the Bluetooth® audio device, the Internet connection is ended (▷ page 472).

Searching for and authorising a Bluetooth® audio device



Example: Bluetooth® device list

- ① Bluetooth® audio player within range and already authorised
- ② Newly detected mobile phone with Bluetooth® audio function in range



The Bluetooth® device list displays all authorised devices, whether they are within range or not. After a device search, devices which are within range but not authorised are also displayed.

- ▶ Switch on Bluetooth® audio mode (▷ page 511).
If you see the **No Bluetooth audio device authorised** message, you will need to authorise the Bluetooth® audio device first.
- ▶ To select **Options** from the Bluetooth® audio menu: slide **⊙** ↓ and press the controller.
- ▶ To select **Bluetooth audio devices**: press the controller.
A new menu appears.
- ▶ **To search**: select **Search for audio devices**.
A display with text appears.
- ▶ Select **Start search**.
COMAND Online searches for Bluetooth® audio devices within range and adds them to the Bluetooth® device list.
The duration of the search depends on the number of Bluetooth® audio devices within range and their characteristics.
- i** With some Bluetooth® audio devices, playback must first be started on the device itself so that COMAND Online can play the audio files. Sometimes, Bluetooth® must also be given as a media output location on the audio device.


- ▶ **To authorise**: select a Bluetooth® audio device that has not yet been authorised from the list (in example ②).
Authorisation starts.
- ▶ Depending on the Bluetooth® audio device used, you now have two options for continuing with authorisation.
- ▶ **Option 1**: enter the passkey. You can find information on this in the "Authorising (registering) a mobile phone" section (▷ page 428).
After successful authorisation, the Bluetooth® audio device is connected and starts playing.
- ▶ **Option 2 (Secure Simple Pairing)**: if the digit codes displayed in COMAND Online and on the Bluetooth® audio device are the same, select **Yes**.
If you select **Yes**, authorisation continues and the Bluetooth® audio device is connected. Playback starts.
If you select **No**, authorisation will be cancelled.
- i** The Bluetooth® audio device must support Bluetooth® version 2.1 for connection via Secure Simple Pairing.
COMAND Online creates a six-digit code, which is simultaneously displayed on both devices that are to be connected.
For some Bluetooth® audio devices, the pairing must be confirmed within 10 seconds.

External authorisation



If COMAND Online does not find your Bluetooth® audio device, this may be due to particular security settings on your Bluetooth® audio device. In this case, check whether your Bluetooth® audio device can locate the COMAND Online system.

The Bluetooth® device name for COMAND Online is **MB Bluetooth**.

- ▶ Switch on Bluetooth® audio mode (▷ page 511).
- ▶ To select **Options**: slide  ↓ and press the controller.
- ▶ To select **Bluetooth audio devices**: press the controller.
- ▶ To select **Connect via audio device**: turn and press the controller.
- ▶ **To authorise**: start the authorisation on the Bluetooth® audio device; see the operating instructions of the Bluetooth® audio device.

After successful authorisation, the Bluetooth® audio device is connected and starts playing.

- i** With some Bluetooth® audio devices, playback must first be started on the device itself so that COMAND Online can play the audio files.

Reconnecting a Bluetooth® audio device

The Bluetooth® audio profiles are connected automatically under the following circumstances:


- one of the last two mobile phones to have been connected has also been used as a Bluetooth® audio player (if the function is supported by the mobile phone).
- the mobile phone is automatically connected. The Bluetooth® audio player is then connected.

- i** For an automatic connection with COMAND Online, the telephone must be within range.

If the **No Bluetooth audio device connected** message appears, you have two options to reconnect the Bluetooth® audio device:

- ▶ To confirm **Connect last device** in the basic display: press the controller. If COMAND Online can locate the Bluetooth® audio device, it will be connected and will start playing.


or

- ▶ To select **Options**: slide  ↓ and press the controller.
- ▶ To select **Bluetooth audio devices**: press the controller.
- ▶ To select a Bluetooth® audio device: turn and press the controller. If the Bluetooth® audio device has been authorised, playback starts.

Bluetooth® audio device and simultaneous search for mobile phones

During the search for mobile phones, the connection with the Bluetooth® audio device is terminated (▷ page 426). In the Bluetooth® audio basic display, you will see the **No Bluetooth audio device connected** message and the **Connect last device** menu item cannot be selected.


Displaying details

- ▶ To select a Bluetooth® audio device from the Bluetooth® device list: turn the controller.
- ▶ To select the symbol to the right of the Bluetooth® audio device: slide  → the controller.
- ▶ To select **Details**: turn and press the controller. The following information concerning the selected mobile phone is shown:
 - Bluetooth® name
 - Bluetooth® address

- availability status (shown after an update)
- authorisation status

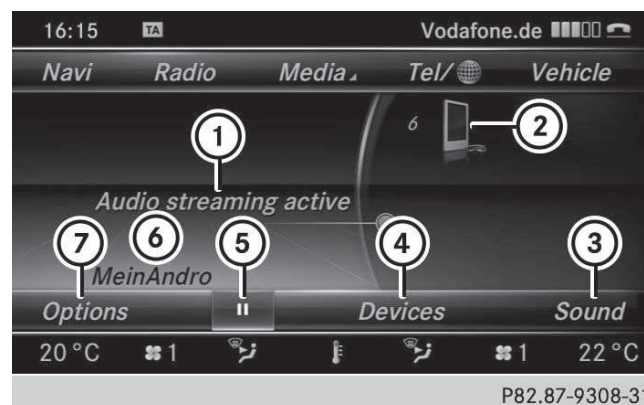
► **To close the detailed display:** press the  button.

De-authorising (de-registering) a Bluetooth® audio device



- To select a Bluetooth® audio device from the Bluetooth® device list: turn the controller.
 - To select the symbol to the right of the Bluetooth® audio device: slide  and press the controller.
 - To select **De-authorise**: press the controller. A prompt appears, asking whether you really wish to de-authorise this device.
 - To select **Yes** or **No**: turn the controller and press to confirm. If you select **Yes**, the device will be deleted from the Bluetooth® device list. If you select **No**, the process will be cancelled.
- i** Before re-authorising the Bluetooth® audio device, you should also delete the device name **MB Bluetooth** from your Bluetooth® audio device's Bluetooth® list (see the Bluetooth® audio device's operating instructions).

Switching to Bluetooth® audio mode

Note



Example: Bluetooth® audio basic display

- ① Audio transmission status (depending on the Bluetooth® audio device, also title name and artist)
- ② Data carrier position in the media list
- ③ Sound settings
- ④ Device list
- ⑤ To stop  or start  playback
- ⑥ Name of the connected Bluetooth® audio device
- ⑦ Options menu

Some mobile phones only support two Bluetooth® profiles at the same time (e.g. Hands-Free Profile for Bluetooth® telephony and Bluetooth® audio profile for audio streaming). If you activate Bluetooth® audio mode and there is already an active Internet connection, this can cause the connection to be terminated.

Activating Bluetooth®

- Connecting Bluetooth® audio devices (▷ page 507)







or

- To select **Bluetooth Audio** from the carousel menu: turn and press the controller. COMAND Online activates the Bluetooth® audio device. The basic display then appears. Playback starts.

- i** If the Bluetooth® audio device connected supports metadata and if the correspond-

ing data is available, then the artist, track and album name can be displayed.

Starting/stopping playback


- ▶ To select **Start playback:** : turn and press the controller. Playback starts.  is selected.
- ▶ **To stop playback:** select . A message appears.  is selected.
- ▶ **To continue playback:** select . A message appears.  is selected.

Starting playback if the Bluetooth® audio device has been stopped



During the search for mobile phones, the connection with the Bluetooth® audio device is terminated (▷ page 426). In the Bluetooth® audio basic display (▷ page 511), you will see the **No Bluetooth audio device connected** message and the **Connect last used player** menu item cannot be selected.

When the search is finished, the Bluetooth® audio device can be reconnected.

- ▶ **To start playback:** select . Playback resumes from the beginning.
- ▶ To select **Connect last used player:** press the controller. Depending on the Bluetooth® audio device used, playback starts immediately or you need to start playback manually. In this case, you will see the **Bluetooth audio device paused** message.

- i** If there is an Internet connection and the mobile phone that is connected only supports two Bluetooth® profiles at the same time, the Internet connection is interrupted.









- i** The connection to the Bluetooth® audio device can also be interrupted if:
 - the connected mobile phone only supports 2 Bluetooth® profiles at the same time
 - you connect to the Internet using COMAND Online (▷ page 471).

Selecting a track

The function is not supported by all Bluetooth® audio devices.

Some mobile phones impair function with regard to the following criteria:

- the number of tracks that can be selected.
 - the time period until the next or previous track is played.
- ▶ **To skip forwards or backwards to a track:** briefly press the  or  button on the multifunction steering wheel.
 - ▶ **Rapid scroll:** press and hold the  or  button on the multifunction steering wheel until the desired track is reached. If you press and hold the  or  buttons, the rapid scrolling speed increases after a short time.

- i** There are no playback times shown for tracks that have been played. This is available as an optional function starting with

AVRCP Version 1.3. There is also no music search option available with Bluetooth® Audio.

Information on sound settings .
Further information: "Audio AUX mode"
(▷ page 519).

Selecting playback options

If the Bluetooth® audio device supports the corresponding function, the following options are available:

- **Normal track sequence**

The tracks are played in the normal order (e.g. track 1, 2, 3 etc.).

Audio data playback is determined by the order in which the tracks are written to the data carrier. Alphabetical order is the most common. Once all the tracks in a folder have been played, the tracks in the next folder are played.

- **Random tracks**

The current track list is played in random order (e.g. 3, 8, 5 etc.).

- **Random medium**

All tracks on the data carrier are played in random order (e.g. track 3, 8, 5 etc.).

Random media is an optional function and is not supported by all Bluetooth® audio devices.

- ▶ To select **Options**: turn and press the controller.
- ▶ Select **Play back music**.
The dot ● indicates the option selected.
- ▶ Select the desired option.
If you select **Random tracks**, you will see a corresponding symbol in the display/selection window.

Increasing the volume using COMAND

- ▶ To select **Options**: slide Ⓞ ↓ and press the controller.
- ▶ To select **Volume**: turn and press the controller.
A menu appears. The ● dot indicates the current setting.
- ▶ Select **Standard** or **Boost**.

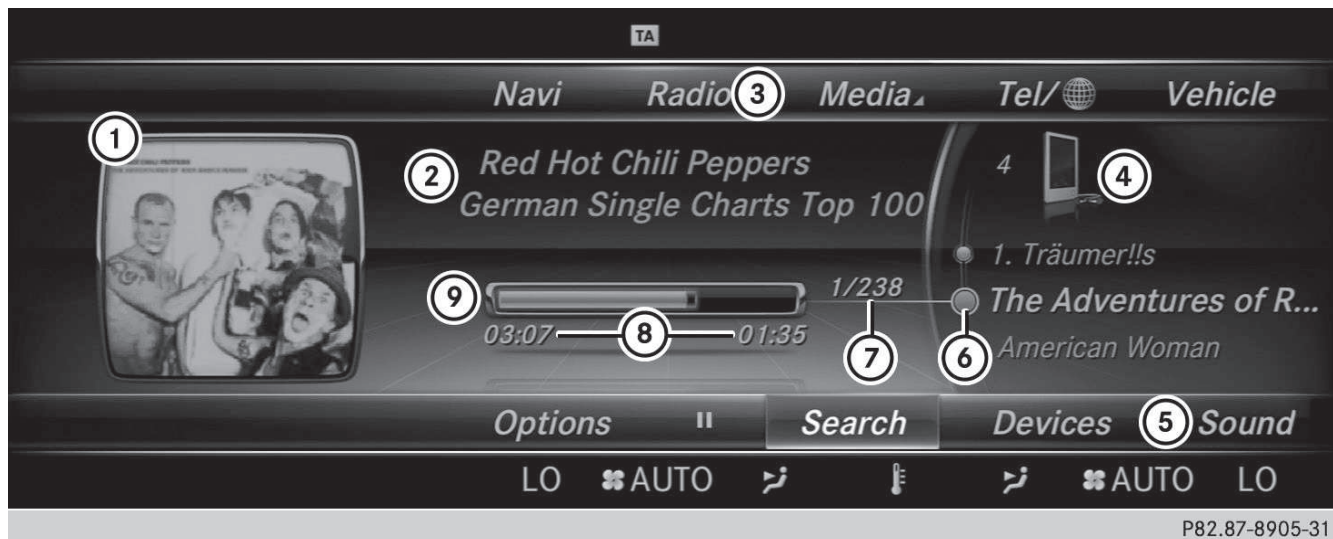
Media Interface mode

Prerequisite

An iPod®, iPhone®, USB device or MP3 player must be connected to the Media Interface. You will find two USB connection sockets in the centre console stowage compartment.

Basic display once an Apple device is connected

Media Interface is a universal interface for the connection of mobile audio and video devices. The COMAND Online Media Interface has two USB connections.



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- ① Additional display area with cover view
- ② Artist and album
- ③ Main function bar
- ④ Display for the active data medium
- ⑤ Media menu bar
- ⑥ Title display in the media list
- ⑦ Track number
- ⑧ Numerical time display
- ⑨ Graphic time display

Switching to Media Interface

Media Interface is a universal interface for the connection of mobile audio and video devices. Media Interface in COMAND Online has two USB connections. The USB connection sockets are located in the stowage compartment in the centre console.

- To switch on automatically: COMAND Online switches Media Interface on automatically once an iPod®, iPhone®, USB device or MP3 player has been connected. If playable media files are found, they will be played by COMAND Online. If a media source was previously selected, the Media Interface basic menu will appear. For all other COMAND Online functions, the display will not change.

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

FURTHER OPTIONS FOR SWITCHING ON:

- Using the number keypad: (▷ page 492)
- Using the main function bar: (▷ page 492)
- Using the device list: (▷ page 492)
- Using the **MEDIA** button: (▷ page 491)

Supported devices

The following data media can be connected to COMAND Online via the Media Interface:

- iPod®
 - iPhone®
 - MP3 player
 - USB devices
- i** iPod® and iPhone® are registered trademarks of Apple Inc., Cupertino, California, USA.
- i** USB memory sticks can easily be connected to the Media Interface and removed after use. Audio files, photos and video files can be played back.

For details and a list of supported devices, visit our website at <http://www.mercedes-benz-mobile.com/>. Then follow the instructions in the "Media Interface" section.

Supported data formats

Music	mp3, wma
Video	mpeg, wmv, mov, avi, mp4
Images	jpg, jpeg, bmp, png

Selecting a music file

Selecting with the controller

- ▶ To skip forwards or backwards to a track: turn the controller in the basic display. Three track titles are shown. The track to the front is played.

Selection with the number keypad

- ▶ To make an entry: press the **☰** button (below left) on the telephone keypad. The keypad menu with the list of devices will then appear in the additional display area. The input menu appears in the basic display. The number of characters available for input depends on the number of stored tracks.
 - ▶ To enter a track number: press a number key, e.g. **7**. The digit is entered in the first position in the input line.
- i** Pressing and holding a number key for more than two seconds completes the entry, and the corresponding track is played.
- COMAND Online switches to the device displayed on the keypad when a number key is pressed briefly.

Fast forward/rewind

- ▶ With the media source active in the basic display, slide ◀⊙▶ the controller and hold it until the desired position has been reached.

Search function

Selecting Search using media menu bar

- ▶ Slide ⊙↓ the controller.
The media menu bar appears.
- ▶ To select **Search**: turn the controller and press to confirm.

Overview

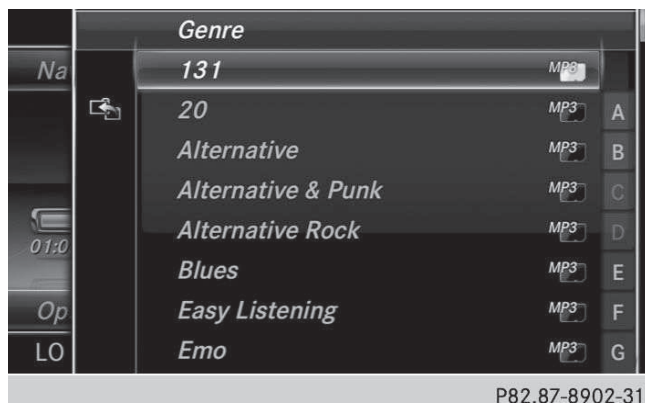
The following categories are listed:

- **Current tracklist**
- **Folder**
- **Select by cover**
- **Keyword search**
- **Playlists**
- **Artists**
- **Albums**
- **Tracks**
- **Genres**
- **Year**
- **Composers**
- **Videos**
- **Photos**

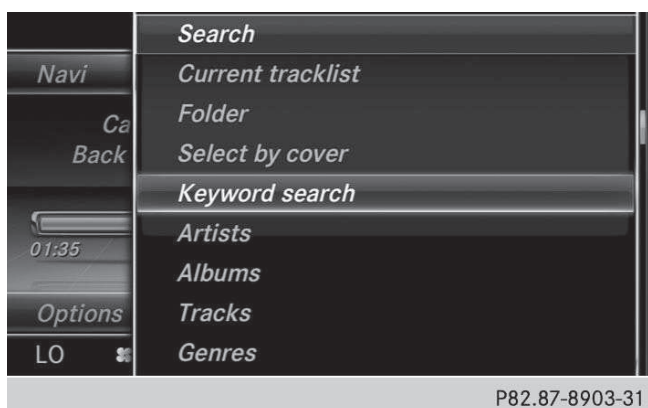
- i** The functions are available as soon as the entire media content has been read and analysed.

If the same device is reconnected with unchanged media content, these functions are available more quickly.

When connecting Apple® devices, the categories “Folder”, “Year” and “Photos” are not available.

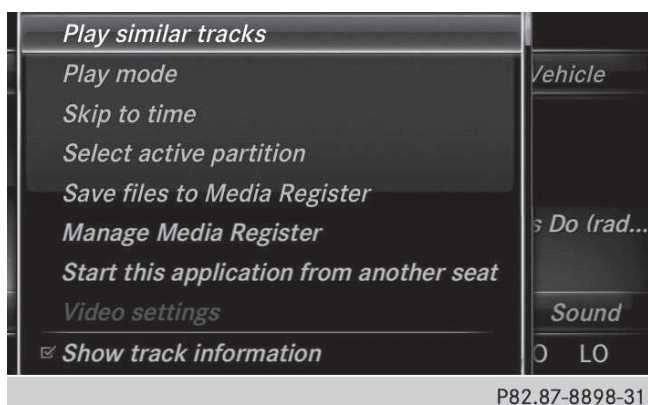


- ▶ To select search criteria: turn and press the controller. Another selection menu opens.
- ▶ Select the search criterion. The track list opens.
- ▶ To select the desired track: turn and press the controller.
- ▶ **Keyword search:** using the controller, enter the characters for the desired search term. Once COMAND Online has found the track you are looking for, it supplies the rest of the characters and plays the track.




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Playback options



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- ▶ To select a playback option: with a media source connected, slide  ↓ the controller. The media menu bar is shown.
- ▶ To select **Options**: turn the controller and press to confirm.

The following options are available:

- **Play similar tracks**
If similar music titles are available, a list is shown. You can select the desired track using the controller.
- **Play mode**
You can choose between **Normal track sequence**, **Random tracks** and **Random media**.
- **Skip to time**
You can skip to any position within a track using the timeline and the option of entering a point in time numerically.
- **Select active partition**

This option can be used if the active data medium is divided into partitions.

- **Save files to Media Register** (▷ page 504)

You can transfer files from a connected data medium to the COMAND Online hard drive.

- **Manage Media Register**

You can **Rename / delete files** stored on the hard drive, **Delete all media files** or display **Memory info**.

- **Start this application in other location**

This allows you to move playback of music titles to a different seat.

- **Video settings**

You can call up an additional menu if there are video files on the active data medium.

- **Show track information**

You can determine whether or not title information is shown in the main with or .

Audio AUX mode

Notes on audio AUX mode

WARNING

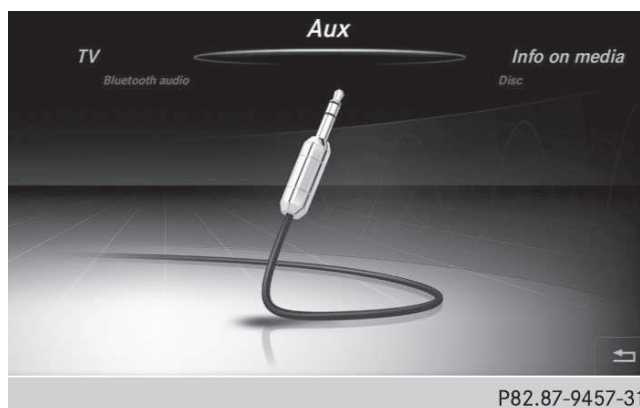
External audio sources may have different volumes, which can mean that system messages such as traffic announcements and navigation system announcements are much louder. If necessary, please deactivate the system messages or adjust their volume manually.

AUX also provides the option of connecting Media Player to COMAND Online.

To connect an external audio source to the audio AUX, you will require an audio AUX cable.

i You can find more information on the Internet at <http://www.mercedes-benz.com/connect> (▷ page 514).

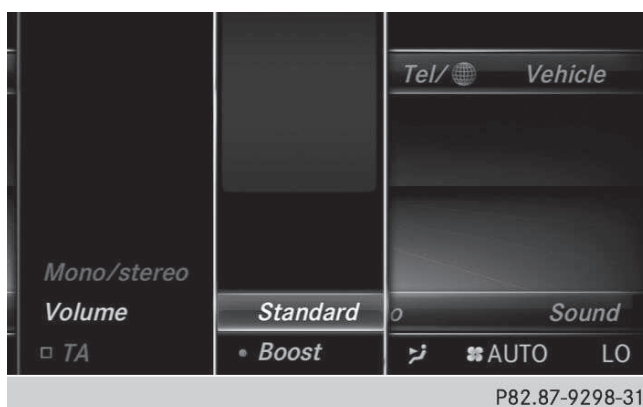
Switching to audio AUX mode



- ▶ Connect an external audio source.
The audio AUX jack is located in the storage compartment in the centre console. The audio AUX is not selected automatically.
- ▶ To select **Media** in the main function bar: turn the controller and press to confirm. The carousel menu appears.
- ▶ To select **AUX**: press the controller. The audio AUX menu appears. The medium in the external audio source is played if the source is connected and playback selected.

Please see the respective operating instructions for how to operate the external audio source.

Increasing the volume on COMAND Online



- ▶ To select **Options** in the AUX display: slide and press the controller. A menu appears.
- ▶ To select **Mono/stereo**: turn and press the controller. A menu appears.
- ▶ Select **Mono** or **Stereo**. The dot indicates the current setting.
- ▶ Select **Volume**.
- ▶ Select **Standard** or **Boost**.
Standard: the volume of the external audio source is adjusted to a standard value.
Boost: the volume of the external audio source is raised by approximately 10 dB. The dot indicates the current setting.
- ▶ To switch traffic announcements on or off: set to **TA** or remove.

A device which is connected as an external audio source may seem quieter or louder in the vehicle, or the usual maximum volume cannot be achieved. On some devices, it is possible to adjust the volume separately. In this case, start at a medium volume and increase it gradually. This enables you to determine whether the system is able to play the music at high volume without distorting it.

Video AUX operation

Connecting external video sources

WARNING

External video sources may have different volumes, which can mean that system messages such as traffic announcements and navigation system announcements are much louder. If necessary, please deactivate the system messages or adjust their volume manually.

Video AUX is another option for showing videos using COMAND Online.

To connect an external video source to the video AUX, you will require a video AUX cable.

- If you only use an audio AUX cable, you will only be able to hear the sound from the video being played.
Video display is not possible on the driver's side while the vehicle is in motion.

Switching to video AUX mode

- ▶ Connecting external video sources.
The socket for the video AUX jack is located in the stowage compartment in the centre console.
The video AUX is not selected automatically.
- ▶ To select **Media** in the main function bar: turn the controller and press to confirm. The carousel menu appears.
- ▶ To select **AUX**: slide the controller and press it.
- ▶ Select **Audio/video**.
A **Source type selection** menu appears.
- ▶ Select **Video**.
The dot indicates the current setting.
If **Video** is selected, the video of the external video source will appear, as long as the video source is connected and playback selected.

Please see the corresponding device operating instructions for information on how to operate the external video source.

Information on:

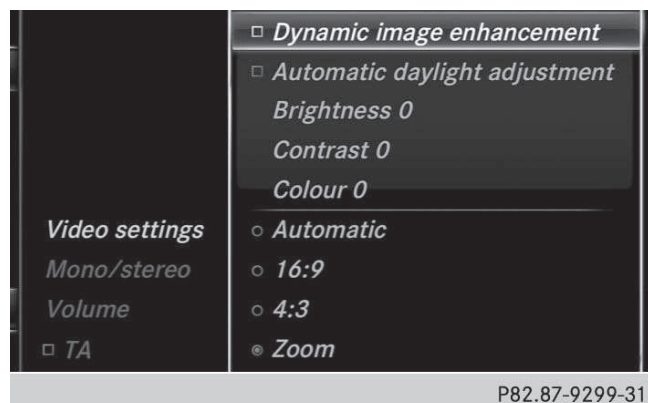
- Sound settings:

Activating/deactivating full screen mode



- ▶ **To activate:** in video AUX mode, slide ↑⊙ the controller. Menu bars are hidden.
- ▶ The full screen symbol is displayed: press the controller. The full screen appears.
- ▶ **To deactivate:** press the controller. The menu is displayed.

Options menu



- ▶ To select **Options** in the AUX display: turn and press the controller. A menu appears.
- ▶ Select **Video settings**.

- ▶ Select the preferred screen format, e.g. **16:9** or **Automatic daylight adjustment**.

The screen format is adjusted.

The ● dot indicates the current setting.

- ▶ To select **Mono/stereo**: turn and press the controller.
- ▶ Select **Mono** or **Stereo**. The ● dot indicates the current setting.
- ▶ Select **Volume**.
- ▶ Select **Standard** or **Boost**.
Standard: the volume of the external audio source is adjusted to a standard value.
Boost: the volume of the external audio source is raised by approximately 10 dB. The ● dot indicates the current setting.
- ▶ To activate or deactivate traffic announcements: set or remove beside **TA**.

TV mode

Reception quality

Portable electronic devices in the vehicle may seriously impair TV reception.

The TV tuner enables reception of digital TV channels according to the DVB-T standard. If the reception deteriorates, the TV receiver automatically switches to an alternative digital frequency transmitting the same programme content with better reception.

- i** In some countries, DVB-T may not be available, or may not be available in all areas.

The constantly changing reception conditions while the vehicle is in motion can interrupt the signal. If the reception is too poor, COMAND Online can mute the sound and freeze or hide the picture. To indicate this, a radio tower with a line through it appears in the display.

Switching to TV mode



- ▶ Press the **MEDIA** button repeatedly until the last TV channel selected appears. The control menu is displayed in the TV picture.

- ▶ **To hide the control menu:** slide **↑** **⊙** **↓** the controller.

or

- ▶ Wait for approximately eight seconds.

- ▶ **To show the control menu:** slide **↑** **⊙** **↓** or turn the controller.

i If you turn the controller, the next/previous channel is selected.

Showing/hiding the TV menu



To show

- ▶ Press the controller.

To hide

- ▶ Slide **↑** **⊙** the controller.
- ▶ To select an icon: press the controller.

TV mode in SPLITVIEW

You can start TV mode in SPLITVIEW for the front passenger. To do so, SPLITVIEW must be activated.

- ▶ Show the TV menu (▷ page 521).
- ▶ To select **Options**: turn the controller and press it.
- ▶ Select **Start this application in SplitView**.

The TV picture is displayed in SPLITVIEW.

Selecting TV channels

In the control menu

- ▶ Turn or slide **←** **⊙** **→** the controller. The TV tuner selects the previous/next channel from the channel list. The control menu appears for eight seconds.

In the channel list

The TV tuner displays all the TV channels and radio stations with adequate reception in the channel list.

The channel lists show

- the names of the channels/stations with adequate reception
- the preset (if stored)
- programme titles, with start and finish times
- for each channel/station: the titles of the current and upcoming programmes via the electronic programme guide (EPG)

The order of the channel list is alphabetical or country-specific.

The TV tuner requires a certain amount of time to update the information.

The information can be displayed if:

- stations/channels are transmitting this information
- the reception conditions are adequate



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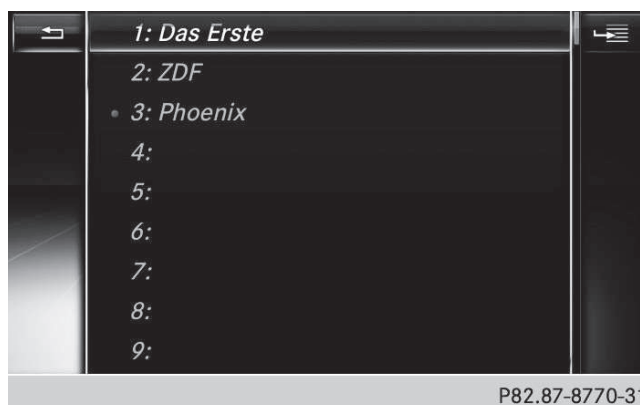
- ▶ **To show the menu:** press the controller.
- ▶ To select **Options**: turn the controller and press it.
- ▶ **To display the current programme:** Select **TV channel** or **Radio station**. The selected channel list appears in alphabetical order. It shows the current programme on the digital TV channels or radio stations with adequate reception. A dot • indicates the currently selected channel.
- ▶ Select a station. The TV tuner selects the channel from the channel list. The control menu appears for eight seconds.



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- ▶ **To display the programme preview:** slide →⊙ the controller.
- ▶ **To return to the current programme:** slide ←⊙ the controller.
- ▶ Select a station. The TV tuner selects the channel from the channel list. The control menu appears for eight seconds.

In the channel presets



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- ▶ **To show the menu:** press the controller.
- ▶ To select **Presets**: turn the controller and press it. The stored channels are displayed with a preset number. A dot • is displayed in front of the channel currently selected.
- ▶ Select a station.

Quick select

- ▶ **i** PREREQUISITE: the TV channel is stored (▷ page 523). You can store a total of 99 TV channels in preset positions.
- ▶ Briefly press one or two number keys on the telephone keypad.
 - To select a single-digit preset: briefly press the number key, for example.
 - To select a two-digit preset: briefly press the and number keys respectively, for example.
- The preset number and channel name appear, and the TV tuner selects the channel from the channel list.

By entering the channel or programme number

Several programmes can be transmitted on one channel with digital TV. This function also allows the desired programme to be entered for a channel.

- ▶ **To call up the input line:** during playback, press the key on the telephone keypad.

or





- ▶ To show the menu: press the controller.
- ▶ To select **Options**: turn the controller and press it.
- ▶ Select **Channel entry**.
With both options, the input line for the four-digit channel number appears. The current programme number is displayed.
- ▶ **To enter a channel/programme number**: press number keys one after the other on the telephone keypad.
A programme is selected depending on the number entered.

All four digits entered in full	The selected programme of the channel is automatically selected.
Two or three digits entered	The first programme with adequate reception within a bouquet is selected.
The Invalid channel number message appears	The channel number is not available or not permitted in that country. ▶ Press the controller and confirm the message.



- i** Bouquet: multiple digital programmes are combined in a supply bundle.
- i** You can enter channel numbers available in your country even if the reception is currently not adequate.
Information on channel numbers available in your country can be found on the websites of the private or public broadcasters, for example.

Storing TV channels

You can store a total of 99 TV channels in preset positions. Two presets are preassigned.

- ▶ **Quick save**: during playback, press and hold one or two number keys on the telephone keypad until you hear a tone.
For a single-digit preset: press and hold the  key, for example.
For a two-digit preset: briefly press the  key, for example. Then within three seconds, press and hold the  key, for example.
The current channel is stored. The TV picture then reappears.
- ▶ **In the channel presets**: press the controller.
- ▶ To select **Presets**: turn the controller and press it.
The station preset memory appears.
- ▶ To select the preset position: turn the controller.
- ▶ To select a list symbol: slide  → the controller and then press it.
- ▶ Select **Store current channel**.
A previously saved channel is overwritten. The TV picture appears.

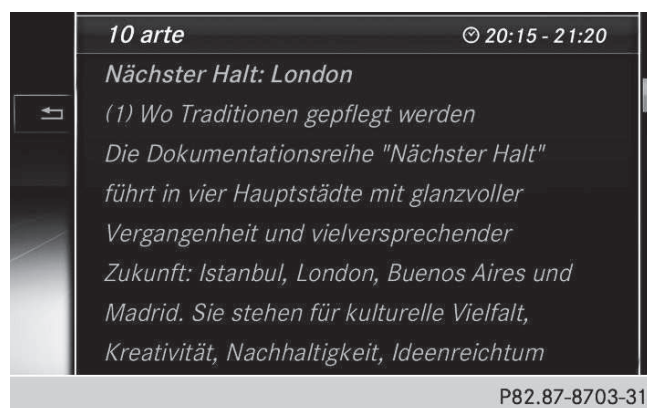
OTHER FUNCTIONS:

- ▶ **To save a channel to a new preset position**: select the channel in the presets.
- ▶ To select a list symbol: slide  → the controller and then press it.
- ▶ Select **Move selected channel**.
- ▶ Turn the controller.
The channel moves to the new preset position as you turn.
- ▶ Press the controller.
- ▶ **To delete a channel**: select the channel in the presets.
- ▶ To select a list symbol: slide  → the controller and then press it.
- ▶ Select **Delete marked channel**.

Current programme information for the selected channel



- ▶ **To show the menu:** press the controller.
- ▶ To select **EPG**: press the controller. If available, you will see up to 13 programme information items for the selected channel.



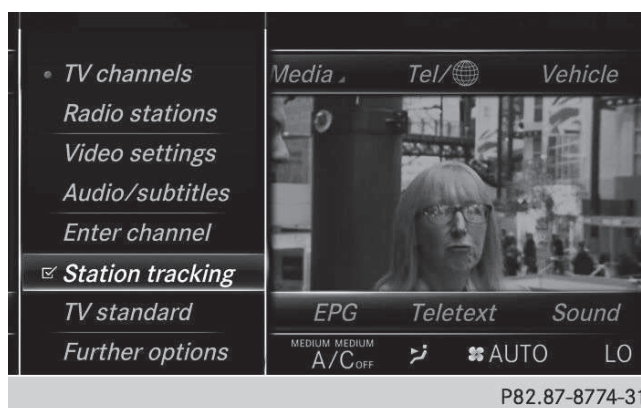
- ▶ **To select programme information:** turn the controller and press it. If available, you will see detailed information on the selected programme.
 - ▶ To scroll: turn or slide \uparrow \odot \downarrow the controller.
- i** It may take a few seconds for the information to appear.

Basic TV settings

Channel tracking

Depending on reception quality, the TV tuner automatically switches to an alternative channel with the same programme content but better reception. This enables you to enjoy the same high-quality reception for a channel throughout the journey. As a result, you can receive a channel. **Channel track-**

ing allows or prevents the channel currently selected to be switched over.



- ▶ **To show the menu:** press the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Channel tracking**. Switch channel tracking on or off . Switched on: switching channels is possible. Switched off: switching channels is prevented. Channels are marked with **Fixed** in the control menu or in the channel presets, for example.
- ▶ **To exit the menu:** press the \leftarrow button repeatedly until the TV picture and menu bar appear.

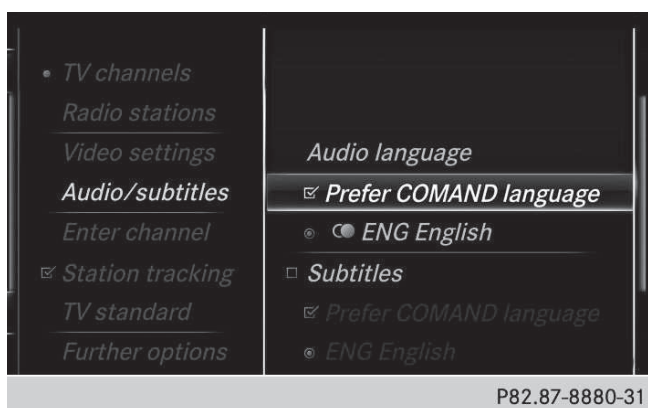
Setting the TV standard

COMAND Online is already set to the correct TV standard. If you are driving your vehicle in a different country or region with a different TV standard, you should reset the TV standard. If the TV standard is not set correctly, channels may not be found or characters may be incorrectly displayed, for example. A Mercedes-Benz Service Centre can help you to select the correct TV standard.

- ▶ **To show the menu:** press the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **TV standard**. A list of available reception areas is shown. The dot • indicates the currently selected reception area or country.

- ▶ Select TV standard.
You will see a message informing you that if the wrong country is set, correct reception will not be possible.
- ▶ Select **Yes** or **No**.
Yes sets the country.
No calls up the list again.

Setting the audio language/subtitles




- ▶ **To show the menu:** press the controller.
 - ▶ To select **Options**: turn the controller and press it.
 - ▶ Select **Audio/subtitles**.
 - ▶ **To set the audio language:** select **Prefer COMAND language** or one of the available audio languages.
Prefer COMAND language selects the system language currently set for COMAND Online. Switch the setting on or off .
If you select one of the available audio languages, e.g. English, this setting is used for the current program. If **Prefer COMAND language** is activated as well, this setting is then used for the following program.
 - ▶ **To set the subtitles:** select **Subtitles**.
You switch the subtitles on or off .
 - ▶ Select **Prefer COMAND language** or one of the available languages for subtitles.
Prefer COMAND language selects the system language currently set for COMAND Online. You switch the setting on or off .
- If you select one of the available languages for subtitles, e.g. English, this setting is used for the current program. If **Prefer**

COMAND language is activated as well, this setting is then used for the following program.

Teletext

Switching teletext on/off




- ▶ **To switch on:** press the controller.
The menu is shown.
- ▶ To select **Teletext**: turn the controller and press it.
- ▶ **To switch off:** press and hold the  button.
The TV picture appears with the control menu.

Selecting a teletext page

- ▶ **To access a page directly:** press the number keys one after the other.
 - ▶ **To call up the previous/next page:** turn the controller.
- i** You can only enter pages that are permissible for teletext between 100 and 899.

Dynamic teletext page

A dynamic teletext page consists of several subpages.


- ▶ **To select a subpage:** slide  the controller.

Digital teletext (MHEG-5)

In addition to TV and radio programmes, you can also use interactive multimedia applications such as weather forecasts, news reports and sports results.

It may take some before all the pages load.

Digital teletext is only available in some countries, e.g. the UK and New Zealand.

- ▶ **To switch on:** press the controller.
The menu is shown.
 - ▶ To select **Teletext**: turn the controller and press it.
 - ▶ When the data contents are displayed, turn the controller.
The menu bar appears at the bottom of the picture.
 - ▶ **To select a colour:** turn the controller and select **Red, Green, Yellow** or **Blue**.
 - ▶ Press the controller.
The contents of the selected colour are displayed.
 - ▶ **To navigate to the page:** when the menu bar is displayed, slide **↑** **⊙** **↓** the controller.
The menu bar disappears.
 - ▶ Slide **↑** **⊙** **↓** the controller and select contents from the page.
 - ▶ Press the controller.
 - ▶ **To return to the TV programme:** turn the controller.
The menu bar disappears.
 - ▶ To select **TV**: turn the controller and press it.
- or
- ▶ Press and hold the  button on the left next to the controller.

Further options

The "TV - further options" menu

- ▶ **To show the menu:** when the television picture is shown, press the controller.
- ▶ To select **Options**: turn the controller and press to confirm.
- ▶ Select **Further options**.

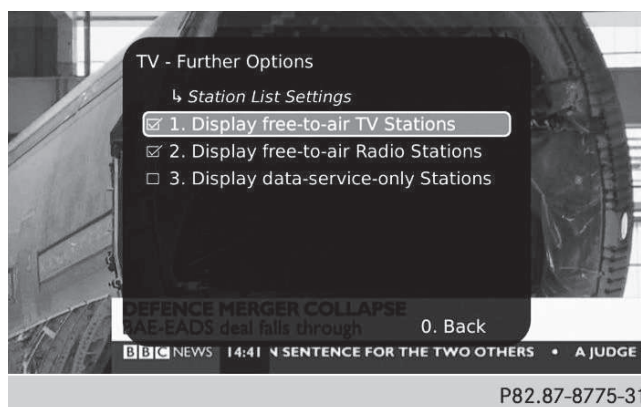
Setting country-specific character sets

This function helps channel names to be displayed correctly.

- ▶ Call up the "TV - further options" menu (▷ page 526).
- ▶ Select **Settings**.
- ▶ Select **1. Country-specific character set**.
- ▶ You switch the setting on or off .

- i** You can change the setting from channel-specific to country-specific character set via the TV standard setting.

Channel list settings



This function allows you to switch on/off the display of free-to-air TV channels and radio stations in the channel list.

- ▶ Call up the "TV - further options" menu (▷ page 526).
- ▶ Select **Settings**.
- ▶ Select **2. Station List settings**.
- ▶ Select **Display free-to-air stations** or **Display radio stations**.
Switch the setting on or off .

Video DVD mode

Important safety notes

WARNING

The CD/DVD drive is a class 1 laser product. If you open the housing of the CD/DVD drive, invisible laser beams may be released. These laser beams may damage your retina. There is a risk of injury.

You must not open the casing. Always have maintenance work and repairs carried out at a qualified specialist workshop.

WARNING

Handling discs while driving will distract you from traffic conditions. You could then lose control of the vehicle. There is a risk of an accident.

Handle discs only when the vehicle is stationary.

Bear in mind that, at a speed of only 50 km/h, your vehicle is already covering a distance of 14 m per second.

Notes on discs

! Do not affix stickers or labels to the discs. They could peel off and damage COMAND Online. Stickers can cause the disc to bend, which can result in read errors and disc recognition problems.

! COMAND Online is designed to play discs which comply with the EN 60908 standard. Therefore, you can only use discs with a maximum thickness of 1.3 mm.

If you insert thicker discs, e.g. those that contain data on both sides (DVD on one side and audio data on the other), they cannot be ejected and can damage the device.

Only use round discs with a diameter of 12 cm. Do not use discs with a diameter of 8 cm, even with an adapter.

The variety of data media, burners and burn software means there is no guarantee that the system will be able to play discs that you have copied yourself.

DVD playback requirements

With DVDs that do not meet the standard requirements, you may encounter playback problems.

COMAND Online is capable of playing back video DVDs produced according to the following standards:

- Region code 2 (for Europe) or region code 0 (no region code)
- PAL or NTSC standard

You will generally find the relevant details either on the DVD itself or on the DVD case.

i If you insert a video DVD with a different region code, you will see a message to this effect.

i COMAND Online is set to region code 2 at the factory. This setting can be changed at a Mercedes-Benz Service Centre. This will allow you to play video DVDs with a different region code, provided that they are produced in accordance with the PAL or NTSC standard. The region code can be changed a maximum of five times.

Control options


There are four control menus available in video DVD mode.

Most DVDs have their own control menu. The DVD's control menu is operated directly using the controller or DVD functions.

Control menu	Function	Operation
DVD's control menu	Title, scene, language, subtitles ...	Operation with the controller
Options menu	Brightness, contrast, colour, format	Operation using the menu bar / options / video settings

Control menu	Function	Operation
Video menu	Selection of scene, fast forward/rewind	In full-screen mode, slide ↓ the controller.
DVD functions	Title, scene, language, subtitles ...	In full-screen mode, press the controller

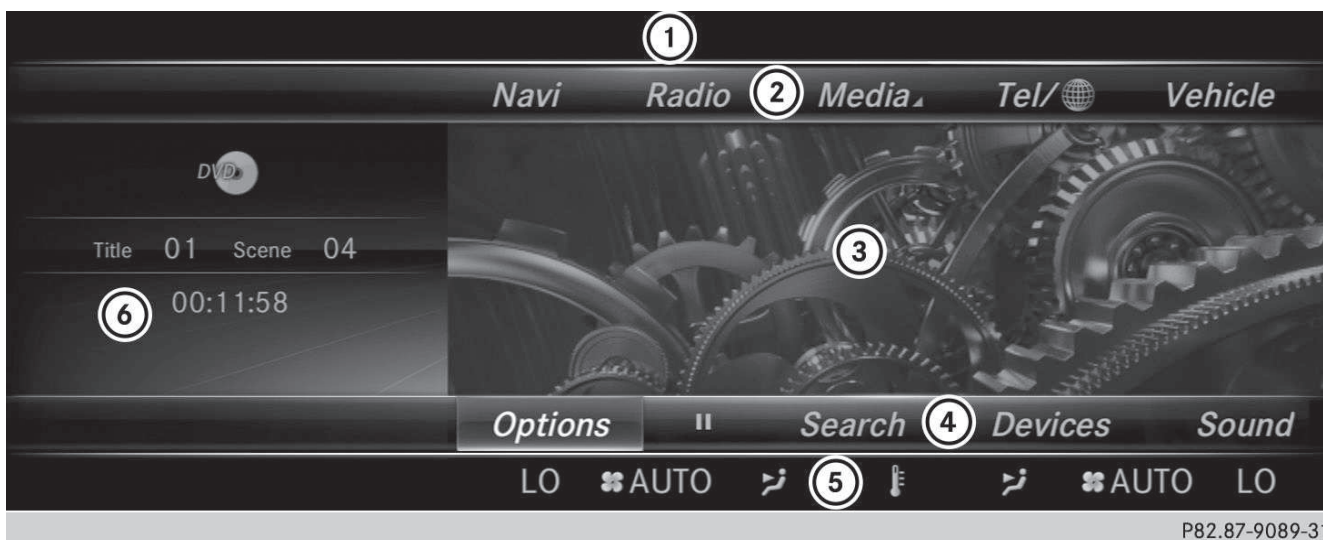
Function restrictions

Depending on the DVD, certain functions or actions may not function at all. The symbol  appears in the display.

Switching to video DVD mode

- Inserting and removing a disc from the single CD/DVD drive: (▷ page 493)
- Inserting discs into the DVD changer: (▷ page 494)
- Ejecting discs from the DVD changer:

DVD basic display



- ① Status bar
- ② Main function bar
- ③ Main display field
- ④ Media menu bar
- ⑤ Climate control status bar
- ⑥ Additional display area with title, scene and time display

The DVD basic display appears once the DVD has been inserted.

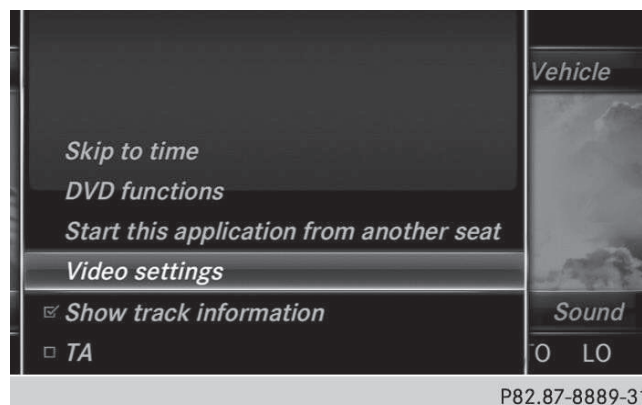
DVD full-screen mode

Once the DVD has been inserted, the disc is played. The video will first appear in the basic display.


- ▶ **To set full-screen mode:** slide the controller.
The main function bar and menu bar are hidden. A full-screen symbol will be shown.
- ▶ Press the controller.
The full-screen mode appears.
- ▶ **Showing the DVD basic display in full-screen mode:** slide the controller.
The video menu appears.
- ▶ Press the controller.
The basic display appears.

Options menu

- ▶ **To select options:** in full-screen mode, slide the controller.
The video menu appears.
- ▶ Press the controller.
The DVD basic display appears.
- ▶ To select **Options** in the menu bar: turn and press the controller.
The **Options** menu appears.



Skip to time

- ▶ To select **Skip to time**: turn and press the controller.
A pop-up menu appears.
- ▶ To set the time: turn the controller.
or
Set the desired time using the number keypad.
- ▶ To hide the menu: press the  button.

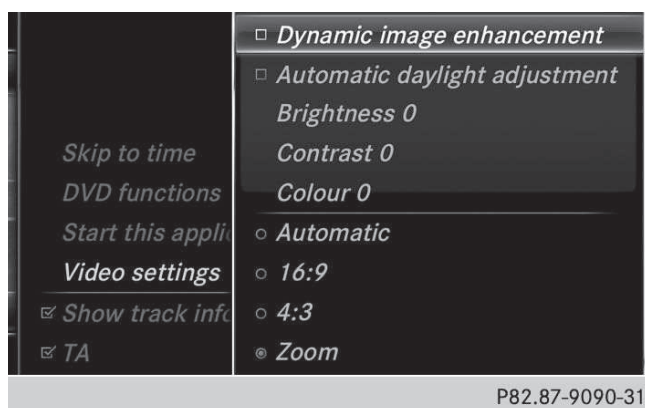
DVD functions

- ▶ To select **DVD functions**: turn and press the controller.
A pop-up menu appears.(▶ page 531)

Start at a different seat

- ▶ To start the video from another seat: turn and press the controller.

Video settings



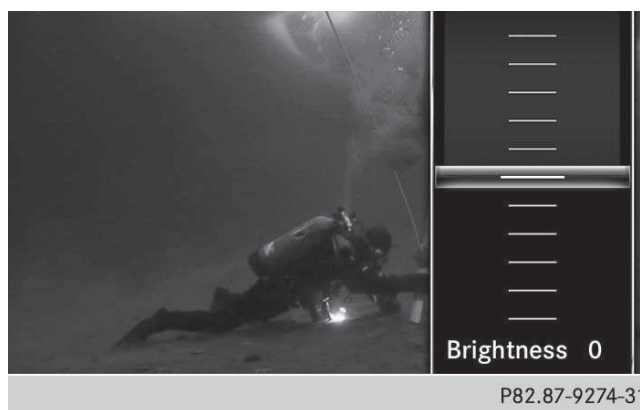
The **Dynamic image enhancement** function matches **Brightness**, **Contrast** and **Colour** to the film being played.


Check or uncheck the box for **Dynamic image enhancement** to switch it on or off.

Manual image enhancement

In order to manually adjust the brightness, contrast or colour, the **Dynamic image enhancement** function must be switched off.

- ▶ To select **Brightness**, **Contrast** or **Colour**: turn and press the controller.
A sliding menu appears.





- ▶ To select the required value: turn the controller.
- ▶ To exit the sliding menu: slide  the controller.
- ▶ To switch the **Automatic daylight adjustment** on/off: press the controller.

Setting the picture format

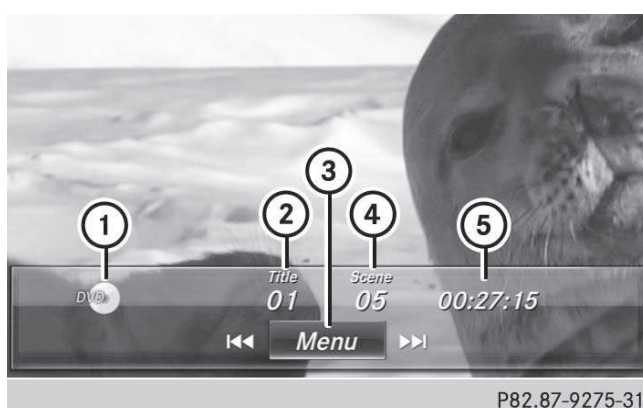
The following picture format options are available for the DVD being played: **Automatic**, **16:9**, **4:3** and **Zoom**.

- ▶ To set the picture format: turn and press the controller.
The dot before the menu entry shows the selected format.

Showing/hiding the video DVD menu

- ▶ **To show**: in full-screen video mode, slide  the controller.
- ▶ **To hide**: slide  the controller.
- i** This function is not available while the DVD functions are being displayed.

Video menu



- ① Data medium type
- ② Current track
- ③ Shows the menu bars for the DVD basic display
- ④ Current scene
- ⑤ Track time

Operating the video menu

- ▶ To select the next scene: turn the controller to the right.
To select the previous scene: turn the controller anti-clockwise.
- ▶ To fast forward/rewind: slide ◀Ⓞ▶ and hold the controller until the desired position has been reached.
- ▶ To hide the video control menu: slide ▲Ⓞ the controller.
- ▶ To show the menu bars for the DVD basic display: press the controller.
The video control menu is hidden and the DVD basic menu appears.

DVD functions

Showing/hiding the DVD functions

- ▶ **To show** DVD functions: in full-screen video mode, press the controller. is shown.
- ▶ **To hide:**
To select ◀ from the DVD functions: turn and press the controller
- ▶ **To show the DVD basic display:**

To select ◀ from the DVD functions: turn and press the controller.

Overview of DVD functions



- ① Activates DVD control menu
- ② Hides DVD functions
- ③ Shows the DVD basic display
- ④ Confirms entry in control menu
- ⑤ Navigates DVD lists
- ⑥ Jumps to the start of the scene
- ⑦ Displays camera perspectives
- ⑧ Shows subtitles
- ⑨ Selects language
- ⑩ Stop function
- ⑪ Pause function

▶ Using the DVD functions.

The selection options provided on the DVD are navigated using the DVD functions.


To select **Menu**: turn and press the controller.



The DVD control menu is activated. You can now use the navigation arrows and buttons for the DVD functions.




- ▶ To navigate the DVD functions: turn and press the controller.

Stop function





- ▶ Show the DVD functions (▷ page 531).
- ▶ **Interrupt playback:**

To select  from the DVD functions: turn and press the controller.

The  display changes to . The video image is hidden.

- ▶ **To continue playback:** select . Playback continues from the point where it was interrupted.
- ▶ **To stop playback:** select  again while playback is interrupted.
- ▶ **To start playback again:** select . Playback restarts from the beginning.

Pause function

- ▶ Show the DVD functions (▷ page 531).
- ▶ **Pause playback:**
To select : turn and press the controller.
The  display changes to .
- ▶ **To continue playback:** select .

Selecting a scene/chapter

If the film is divided into scenes or chapters, you can select them directly while the film is running, or skip forwards step by step. Some DVDs do not permit this at certain points (e.g. during the opening credits).

It may also be possible to select the scene/chapter from the functions stored on the DVD.

- ▶ **To skip forwards or back:** in the video menu, turn the controller.(▷ page 530)
The DVD functions can also be used to make selections: (▷ page 531)


- **Data medium:** MEDIA REGISTER, CD, DVD, USB devices, SD memory cards
- **Supported image formats:** jpeg, jpg, bmp, png
- **Maximum image resolution:** 20 megapixels

i It is not possible to view a picture from the driver's side while the vehicle is in motion.

Displaying pictures

- ▶ In the media basic display, press the controller.
The **Search** with a category list appears.
- ▶ To select **Photos** in the category list: turn and press the controller.
A directory list appears. Folders and picture files can be shown.
- ▶ Select a folder or picture.
If there is no picture on the data medium, an empty list is shown.
You can search for pictures on other data media.

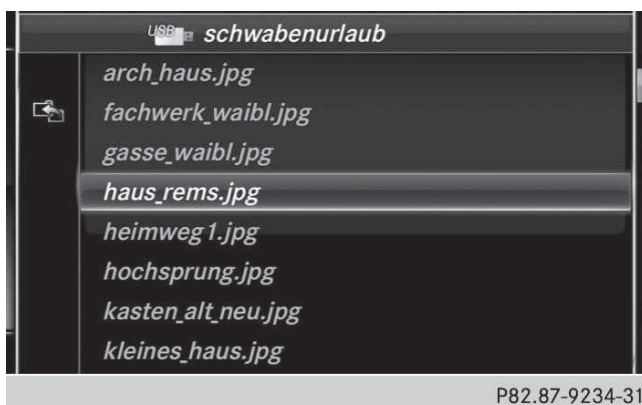
Searching for pictures on other data media

- ▶ In the directory list, slide  the controller.
The device list appears.
- ▶ To select a data medium with picture files: turn the controller and press to confirm.
A directory list appears. Folders and picture files can be shown.
- ▶ Select a folder or picture.

Picture viewer

General notes

If there are pictures on the active data medium, you can view them on the COMAND Online display.



Example: the directory list displays the existing picture files

Starting a slide show


- ▶ While viewing a picture, press the controller. The image menu appears.
- ▶ To select **Start slideshow**: turn the controller and press to confirm. The slide show starts.
- ▶ To end the slide show: press the controller. The image menu appears.
- ▶ Select **End slide show**.

Changing the picture view



- ▶ Press the controller. The image menu appears.
- ▶ To select **Turn clockwise**: turn the controller and press to confirm. The picture rotates 90 degrees.
- ▶ Select **Turn anticlockwise**. The picture rotates 90 degrees.
- ▶ Select **Zoom In**. The size of the picture increases.

After you have zoomed into the picture, you can move the section of the picture.

- ▶ To move the section of the picture: slide ↑⊙↓ and ←⊙→ the controller.
 - ▶ To revert to the original size: press the controller
- or
- ▶ Press the  button.

Closing the picture viewer

- ▶ Press the controller. The menu appears.
- ▶ To select **Close picture viewer**: turn and press the controller. COMAND Online returns to the last accessed media function.

Sound

Features of your COMAND Online

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

Burmester Sound System

Burmester Premium Sound System

Your vehicle is equipped with the Burmester Premium Sound System. It has a total output of 640 watts and is equipped with 13 loudspeakers.

The Burmester Premium Sound System is available for all functions in the radio and media modes.

Sound settings for Premium Sound	Description
Surround sound	Subtle surround sound for mono and stereo recordings
Sound mode for Front/All/Rear	Optimised sound for the selected area

Settings for Burmester Premium Sound



- ▶ **To select sound settings:** in radio or media mode, slide $\odot \downarrow$ the controller. The radio or media menu bar appears.
- ▶ **To select Sound in the menu bar:** turn and press the controller. The sound menu appears.
- ▶ **To select Surround sound:** turn the controller all the way to the right and press it. You can switch Surround sound on or off and select various options in Sound mode.
- ▶ **To switch Surround sound on or off:** turn the controller and press the on or off panel to activate.
- ▶ **To select options for Sound mode:** select Front, All or Rear with the controller and press it.
- ▶ **To exit the menu:** press the \leftarrow back button.

- ▶ **To adjust treble, mid-range and bass:** select Sound. The adjustment scales appear.
- ▶ To adjust the settings to the desired levels using the control knob: turn the controller.
- ▶ **To adjust the balance/fader:** select Sound in the menu bar.
- ▶ To select Balance/fader: turn and press the controller.
- ▶ To define the focus of the sound using the balance: slide $\rightarrow \odot \leftarrow$ the controller.
- ▶ To define the focus of the sound using the fader: slide $\uparrow \odot \downarrow$ the controller.
- ▶ **To exit the menu:** press the \leftarrow back button.



The balance shifts the focus of the sound between the driver's side and the passenger side.

The fader shifts the focus of the sound between the front and rear seats.

- i** Please note the following: you will achieve the best sound results on your Burmester Premium Sound System by playing high-quality audio DVDs and CDs.

MP3 tracks should have a bit rate of at least 224 kbit/s.

When playing back music from an iPod[®], the bit rate should also be at least 224 kbit/s.

For optimum playback quality:

- ▶ Deactivate the "EQ" setting on the iPod[®].

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

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

Burmester High End Sound System

Your vehicle is equipped with the Burmester High End Sound System.

It has a total output of 1520 watts and is equipped with 23 loudspeakers.

The Burmester High End Sound System is available for all functions in the radio and media modes.

Sound settings for High End Sound	Description
Live	Spectacular sound settings with live-performance characteristics
Surround	Subtle surround sound for mono and stereo recordings
Easy Listening	Mild sound settings for relaxing long-term listening
Pure	Audiophile Hi-Fi sound without any effects

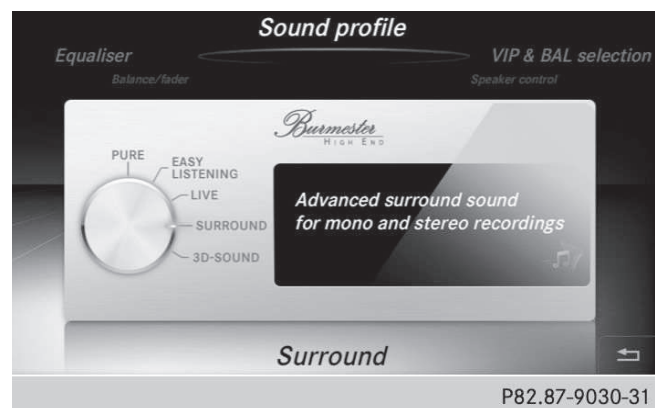
Sound settings for Burmester High End Sound

- ▶ **To select sound settings:** in radio or media mode, slide the controller. The radio or media menu bar appears.
- ▶ To select **Sound** in the menu bar: turn and press the controller. The menu appears with the following options:

- **Sound presets**
- **VIP/BAL/Fad** and
- **Equaliser**



- ▶ **To select Sound presets:** turn and press the controller. The menu with the Burmester High End sound settings appears.

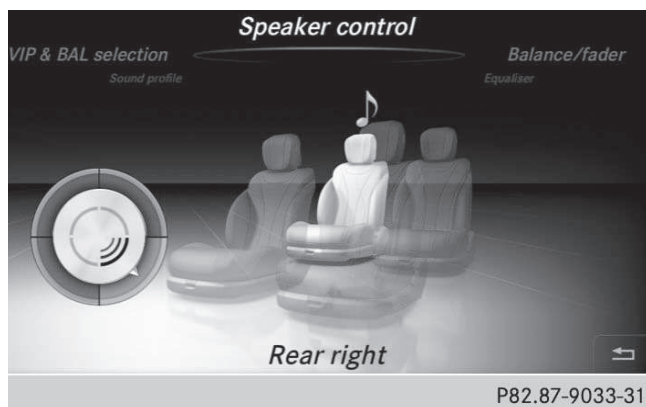



- ▶ To select sound settings: turn and press the controller.
- ▶ **To select the loud-speaker controls:** using the controller, select **VIP/BAL/Fad**. The following menu appears:



- ▶ Using the controller, select **VIP Seat Selection**.

This function allows you to optimise Burmester High End Sound for a specific seat.



- ▶ To select the seat: turn and press the controller. The Burmester High End Sound experience is now available at the selected seat.
- ▶ **To exit the menu:** press the  back button.

Adjusting the balance/fader

- ▶ To select **Sound** in the menu bar: turn and press the controller.
- ▶ Select **Equaliser**.
- ▶ Select **Bal/Fad**.

Rear Seat Entertainment System

Features of your COMAND Online

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

Multi-Seat-Entertainment System overview

Important safety notes

WARNING

The Rear Seat Entertainment System CD/DVD drive is a class 1 laser product. If you open or damage the housing, there is a danger of exposure to invisible laser radiation.

Do not remove the cover. The Rear Seat Entertainment System CD/DVD drive contains no parts that you can repair yourself. For safety reasons, all maintenance work must be carried out by qualified aftersales technicians.

WARNING

When operating the vehicle, the driver may under no circumstances wear a Rear Seat Entertainment System headset. Using a headset when driving severely impairs the driver's ability to react to audible stimuli caused by traffic (e.g. police/fire engine/emergency services sirens, other traffic participants' horns etc.).

WARNING

Headphones/headsets or external video sources that are not being used should be stored in a safe place (e.g. in one of the vehicle's stowage compartments) so that they are not thrown about in the vehicle in the event of heavy braking, sudden changes of direction or an accident. Loose objects in the vehicle interior could cause serious injury to the vehicle occupants.

WARNING

Due to the risk of potential strangulation, children should wear headphones with wires only under the supervision of adults.

Components

The Rear Seat Entertainment System includes:

- two screens for the rear behind the front-seat head restraints
- a remote control
- a CD/DVD drive
- AUX jacks on both screens (AUX display) and on the CD/DVD drive (AUX drive)
- two sets of cordless headphones

Rear-compartment screens

- ① AUX jacks, detailed view in the "CD/DVD drive and AUX jacks" section (▷ page 540)
- ② Display

Remote control

Overview



- ① Selects main menus
- ② Selects the screen for the remote control
- ③ Selector wheel for selecting a menu or menu item
- ④ Buttons for selecting a menu or menu item
- ⑤ Deletes an entry
- ⑥ Skips, fast-forward/fast-rewind
- ⑦ Direct selection using the number keypad
- ⑧ Volume, switches sound on/off (for corded headphones)
- ⑨ Back button
- ⑩ Confirms the selection
- ⑪ Battery display
- ⑫ Switches the screen on/off

Selecting the screen for the remote control



You can use the remote control to operate one of the two rear screens at a time. To do so, you must switch the remote control to the desired screen.

- ▶ To select the left-hand screen: turn thumbwheel ① until "L REAR" appears in the window.
- ▶ To select the right-hand screen: turn the thumbwheel until "REAR R" appears.
- ▶ To select the COMAND screen: turn thumbwheel ① until "COMAND" appears in the window.
- ▶ To select the SPLITVIEW screen: turn thumbwheel ① until the SPLITVIEW symbol appears in the window.

i Please be aware that using the thumbwheel to select screens may cause unwanted changes to the screens of your occupants.

Up to four remote controls can be used in the vehicle at the same time.

Switching the screen on/off

If the key in the ignition lock is in position **0** or **1**, or if the key is not in the ignition lock, the rear screens will switch off after 30 minutes. Before the screens switch off, they show a message to this effect.

You can switch the screens back on.

- i** However, this will discharge the starter battery.



- ▶ Press button **1** on the remote control. The respective rear screen switches on or off.

- i** You can only switch the screens on using the remote control if the ignition is switched on.

Switching the button lighting on/off

- ▶ Lighting of the remote control buttons is divided into three areas. The corresponding area is activated once a button is pressed and switches off again automatically 5 to 10 seconds after the last button is pressed.





Switching the sound on/off (corded headphones only)



- ▶ Press button **1** on the remote control. The sound is switched on/off.

Selecting a menu/menu item



- You can use buttons **1** to directly access the corresponding main menu.
- Using selector wheel **2** or the     buttons, select a menu/menu item. To confirm your selection, press the **OK** button.

CD/DVD drive and AUX jacks

- ① CD/DVD slot
- ② AUX, right-hand (R) jack for audio signal (red)
- ③ AUX, left-hand (L) jack for audio signal (white)
- ④ AUX, video (V) jack (yellow)
- ⑤ CD/DVD eject button

The AUX jacks shown are for the AUX drive. Identical connections can be found on the right-hand side of the rear-compartment screens (display AUX) (▷ page 538).

Cordless headphones

Overview



- ▶ **To adjust the headphones:** open both sides of the headphones.
- ▶ Adjust the fit of the headphones by pulling the headphone band in the direction of the arrow.
- ▶ **To switch the headphones on/off:** press On/Off switch ②.
- ▶ **To adjust the volume:** turn volume control ③ until the desired volume is set. If you have connected corded headphones to a rear-compartment screen, you can adjust the volume using the remote control (▶ page 538).
- ▶ **To check the battery charge status:** read the charge level of the batteries using indicator lamp ①.

i To preserve the batteries, the headphones automatically switch off if they have not received an audio signal for approximately three minutes.

Indicator lamp on the cordless headphones

The colour of the indicator lamp shows whether the device is switched on or off and indicates the charge level of the batteries inserted.

LED display	Status
Green	The batteries are fine.
Red	The batteries are almost discharged.
Lit continuously	The headphones are switched on and connected to a screen.

LED display	Status
Flashing	The headphones are searching for the connection to a screen.
No display (dark)	The headphones are switched off or the batteries are discharged.

i The function of the headphones may be impaired by other radio-based electronic devices such as mobile phones or laptops.

Indicator lamp displays on the remote control

The colour of the indicator lamps shows whether an entry has been correctly trans-

mitted and displays the charge level of the batteries used.

LED display	Status
Green	The batteries are fine.
Red	The batteries are almost discharged.
Flashing (green)	Entry being transmitted
Flashing (orange)	Entry not correctly transmitted
No display (dark)	The remote control is switched off or the batteries are discharged.

- i** The function of the remote control may be impaired by other radio-based electronic devices such as mobile phones or laptops.

Selecting a screen for the headphones



- ▶ Move push slider ① to **L** (left-hand screen) or **R** (right-hand screen).

- i** Up to two cordless headphones can be used at the same time for each screen.

Connecting additional headphones

Up to two cordless headphones can be used at the same time for each screen.

You can also connect one additional set of corded headphones to each of the two rear-compartment screens (▷ page 538). The socket is designed for headphones with a 3.5 mm stereo jack plug and an impedance of 32 ohms.

Replacing batteries

Notes

WARNING

Batteries contain poisonous substances.

Swallowing/ingesting batteries can result in serious personal injury or death.

Always keep batteries away from children. If a battery is swallowed, seek immediate medical attention.

Batteries are required for the remote control and for the two sets of cordless headphones. The batteries can be replaced (▷ page 542).



Only valid for South Africa

Environmental note

Dispose of used batteries in an environmentally responsible manner.

On the remote control



P82.87-8675-31

- ① Battery compartment
- ② Catch tab
- ③ Battery compartment cover
- ④ Retaining lugs
- ⑤ Batteries

The remote control contains 2 type AAA, 1.5 V batteries.

- ▶ **To open the battery compartment:** remove battery compartment cover ③ on the back of the remote control.
- ▶ To do so, push catch tab ② downwards and take off battery compartment cover ③.
- ▶ Remove discharged batteries ⑤ from the tray.
- ▶ Insert the new batteries. Observe the polarity markings on the batteries and battery compartment when doing so.
Left-hand battery: the positive pole (+) must face upwards.
Right-hand battery: the positive pole (+) must face downwards.
- ▶ **To close the battery compartment:** insert battery compartment cover ③ starting with retaining lugs ④ into the battery compartment and allow catch tab ② to engage in place.

On the cordless headphones



P82.87-8674-31

The battery compartment is located on the left headphone. The cordless headphones require 2 type AAA, 1.5 V batteries.

- ▶ **To open the battery compartment:** turn battery compartment cover ① in a clockwise direction and remove.
 - ▶ Remove the discharged batteries from the tray.
 - ▶ Insert the new batteries. Observe the polarity markings on the batteries and battery tray when doing so.
 - ▶ **To close the battery compartment:** replace battery housing cover ① and turn it clockwise until it clips into place. If the batteries have been inserted correctly, the indicator lamp will light up green when the headphones are switched on.
- i** The operating duration of the headphones with a set of batteries is up to 40 hours.

Business telephony

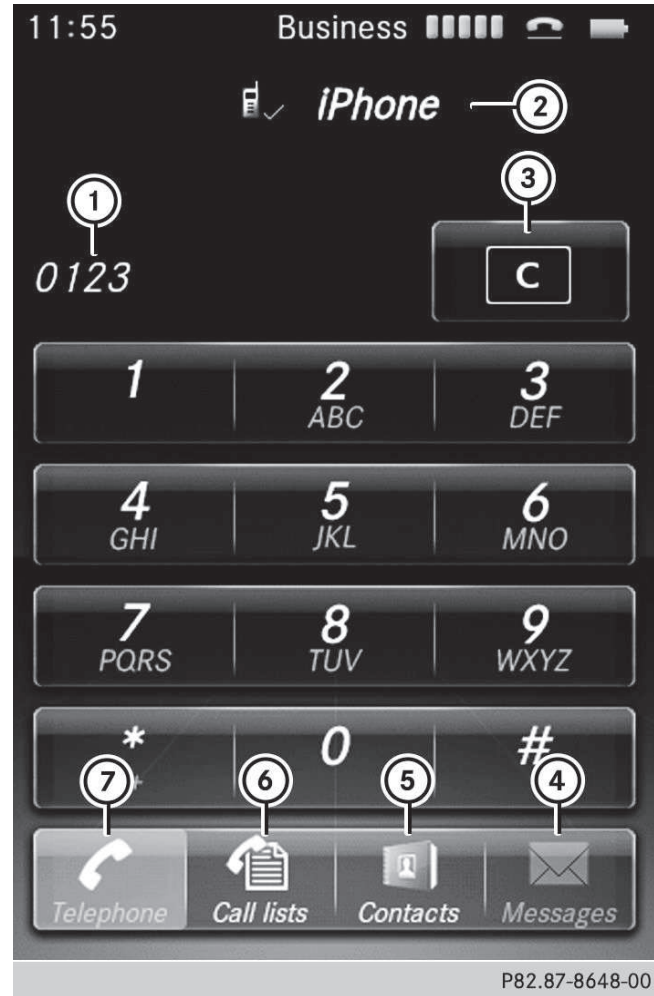
Connecting a mobile phone

REQUIREMENTS: in order to make calls with the handset, a suitable mobile phone must be connected to COMAND Online as a business telephone (▶ page 425).

If a mobile phone is connected, you will see the connected phone in the main menu of the handset.

To do this, you can:


- ▶ Select a suitable mobile phone on COMAND Online. Select the option **Business telephone** (▷ page 426)
- ▶ Connect a mobile phone via the handset <Link: connecting handset/mobile phone>



P82.87-8648-00

Platzhaltergrafik

60 x 93 mm

Use the  button to return to the main menu of the handset.

Incoming calls

Accepting/rejecting a call

Accepting a call:

- ▶ Tap on **Accept**.

or

- ▶ Press the  button.

Rejecting a call:

- ▶ Tap on **Reject**.

or

- ▶ Press the  button.


If the phone number of the caller is transferred, it appears in the display.

If there is an entry for the caller in the phone book, you will also see the name.

If the phone number is not transferred, **Unknown** appears in the display.

Making a call

Using the number keypad

- ▶ In the main menu of the handset, tap on **Telephone**.
- ▶ Enter all the digits of the telephone number in turn using the number keypad display.
- ▶ Press the  button.

Using call lists

- ▶ In the main menu of the handset, tap on **Call lists**.
- ▶ To select the list of incoming or outgoing calls: tap on the corresponding symbol. The last incoming or last dialled call appears at the top of the respective list.
- ▶ To move the list up or down: glide your finger up or down the list.
- ▶ To select the number: tap on the desired number.
- ▶ To initiate the call: tap on **Send**.

Using contacts

- ▶ In the main menu of the handset, tap on **Contacts**.
 - ▶ To select the contact: glide your finger up or down the list.
- or
- ▶ Tap on the alphabet bar on the right-hand side.
 - ▶ To select the number: tap on the desired number.
 - ▶ To initiate the call: tap on **Send**.

Functions available during a call

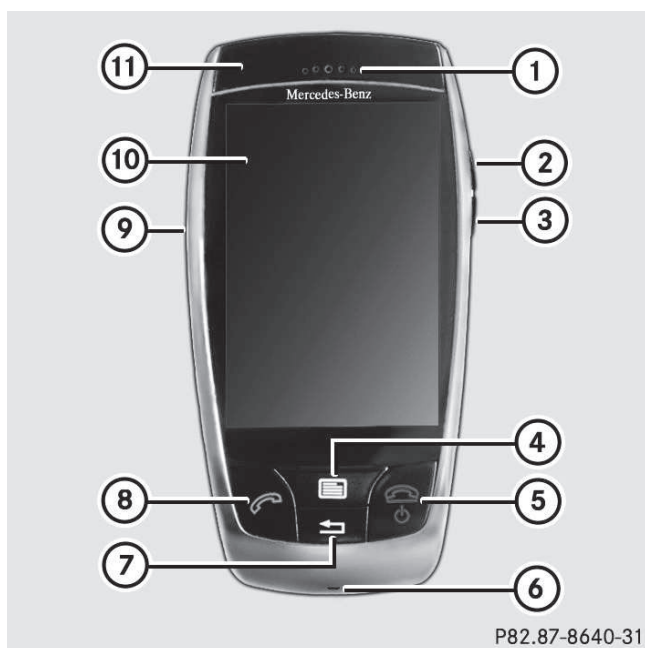
Rear handset

Overview

Operation

The handset acts as a telephone and also as a remote control and control panel for the Rear Seat Entertainment System. It is safely

stored and automatically charged in the mobile phone bracket. [Depending on the equipment in the mobile phone bracket in the rear centre console/rear seat armrest.]



P82.87-8640-31

- ① Loudspeaker
- ② Volume button
- ③ Menu button
- ④ End button
- ⑤ Microphone
- ⑥ Back button
- ⑦ Transmit button
- ⑧ USB socket
- ⑨ Touchscreen

The handset is operated using both the buttons and the touchscreen. While the buttons on the device are pressed, the touchscreen is operated by using gestures on the symbols, menus and lists displayed <Link>.

- i** In order to be able to use the handset as a telephone, it must be connected to a mobile phone via Bluetooth.
- i** To avoid scratching the touchscreen, do not use any sharp objects.

Removing/inserting the handset



P82.87-8641-31

The handset is kept in the mobile phone bracket, where it is safely stored and automatically charged.

Removing

- To remove the handset, press the two buttons on the mobile phone bracket and lift the handset out.




P82.87-8642-31

Inserting


- To insert the handset, slide it into the lower part of the mobile phone bracket.
- Gently push the handset down until it snaps into the mobile phone bracket.

Switching the handset on/off

Switching the handset on

- Press (change symbol) . The start screen appears. After a few seconds, the main menu appears (->) and the handset is ready for use.

Switching the handset off

- ▶ Press and hold  for more than 3 seconds.
- ▶ In the message which follows, tap on **OK** to switch the handset off.
If you do not want to switch the handset off, tap on **Cancel**.

If the handset is not used again for a certain period of time, it automatically switches to energy-saving mode. The screen is also switched off. You can set the time that passes before the handset switches to energy-saving mode (->)

If you are not going to use the handset for a relatively long time, you should put it back in the mobile phone bracket, where it will be charged and safely stored.

Input and control using the touchscreen

Operating the touchscreen

The touchscreen is operated by gently tapping on it with your finger or using various gestures:

- Tap on icons to select them or to confirm entries.
- Swipe up or down to move lists up or down.
- Use the virtual selector wheel by dragging your finger clockwise and anticlockwise in circles <Link>. Other gestures include dragging your finger up, down, left and right.
- You can enter characters using a virtual keyboard or handwriting recognition <>

Menus

Using the handset as a remote control

Platzhaltergrafik
60 x 93 mm

The handset is used to control the functions of the Rear Seat Entertainment System.

- ▶ Tap on the remote control symbol in the main menu of the handset (->).
- ▶ Tap on ① to select the left or right screen which you want to control using the handset.


If neither of the screens is switched on yet, you are first asked to select a screen. The interface for the remote control appears on the touchscreen.

▶

Tapping on the symbols calls up the functions for:

- Navigation (->)
- Radio (->)
- Media (->)

- Vehicle (>)
- Online (>)

The  button takes you to the handset's main menu.

Online functions of the handset



- ▶ Tap on Online in the remote control menu. COMAND connects to the Internet.
- ▶ The various tools can now be used to navigate around webpages.

On-screen keyboard and handwriting recognition



- ① Letter keys
- ② Shift key
- ③ Space bar
- ④ Cancel button
- ⑤ To confirm an entry
- ⑥
- ⑦

You can use the on-screen keyboard to enter text, numbers and symbols. Rotating the handset changes the orientation of the keyboard.

Entering characters

- ▶ Tap on the desired character with the tip of your finger.
The selected character appears in the entry field.
- i** Tapping on shift key ② changes back and forth between upper and lower case. If you

double tap the shift key, the shift key stays locked. Tapping it again unlocks it.

Entering numbers and symbols

- ▶ Tap on **2**.
A keyboard is shown with numbers and symbols. To return to the previous keyboard, tap on button **2** again.

Entering special characters

- ▶ Tap on **2**.
A keyboard is shown with numbers and symbols. To return to the previous keyboard, tap on button **2** again.

Settings


Calling up the Settings menu

Menu ...

- ▶ Tap on **Settings** in the main menu of the handset (>).
You will see a list of functions and information which you can select. Dragging the list takes you to the top or bottom of the list.

The Back button takes you back to the handset's main menu.

Language

- ▶ Tap on the Settings button in the main menu of the handset.
The Settings menu appears
- ▶ Select **Language**.
You will see a list of available languages. The dot • indicates the current language selected.
Drag the list up or down to display all the languages.
To exit the language selection without changing the setting, press the Back button.
- ▶ Tap on a language to change the language. A dot • appears in front of the language.
Press the  button to exit the language selection.

▶

Display

Use the **Display** setting to adjust the brightness of the handset screen.

- ▶ Tap on Settings in the handset's main menu to select it.
- ▶ Tap on **Display**.
The screen for setting the display brightness appears.
- ▶ Drag the slide to the left or right to adjust the brightness.
- ▶ Select one of the three options.
 - **Day mode**: set the brightness of the screen to a value that is suitable for bright conditions.
 - **Night mode**: set the brightness of the screen to a value that is suitable for dark conditions.
 - **Automatic**: the brightness is set automatically depending on the ambient light.
- ▶ Tap on **OK** to confirm your selection
To exit the menu without saving the settings that have been changed, tap on **Cancel**

Call options

You can use the call options to determine what the handset does when you remove it from and insert it in the mobile phone bracket. You can set it so that:

- incoming calls are accepted when you remove it from the mobile phone bracket
- existing connections are terminated when you insert it in the mobile phone bracket

Accepting a call when removing the handset

- ▶ Tap on **On** to enable this function. Tap on **Off** to disable this function.

Terminating a call when inserting the handset

- ▶ Tap on **On** to enable this function. Tap on **Off** to disable this function.
- ▶ Tap on **OK** to confirm your selection.
To exit the menu without saving the settings that have been changed, tap on **Cancel**

Power options

The power options settings allow you to set the time that elapses before the display automatically switches off.

To activate the display again, press the <> button.

- ▶ Tap on **Power options** in the settings menu
You will see the menu for automatically switching off the display.
The dot • indicates the setting currently selected.
- ▶ Tap on one of the times listed between 15 seconds and 10 minutes to select a time duration.
- ▶ Tap on **OK** to confirm your selection. Tap on **Cancel** to exit the menu without accepting the new setting.

Time and date

Time and date can be used to set the formats in which the time and date are displayed on the handset.

- ▶ Tap on **Time and date** in the settings menu
You will see the menu for setting the formats for the time and date.
The dot • indicates the setting currently selected.
- ▶ Tap on the desired time or date format to change the settings.
The dot • jumps to the newly selected setting.
- ▶ Tap on **OK** to confirm your selection. Tap on **Cancel** to exit the menu without accepting the new setting.

i The time and date are set in the handset automatically.

Device information

You will find the following information about the handset under Device information:

- Software version
- Serial number
- Bluetooth address

You cannot alter the settings in this menu.

NFC

The NFC setting is used to enable the wireless transmission of data using the NFC standard.

- ▶ Tap on **NFC** in the settings menu
You will see the menu for switching NFC on and off.
The dot • indicates the setting currently selected.
- ▶ Tap on **On** to enable NFC or on **Off** to disable NFC.
- ▶ Tap on **OK** to confirm your selection. Tap on **Cancel** to exit the menu without accepting the new setting.

Reset

Via Reset setting you can reset the handset to the factory settings. All personal settings will be lost. An overview of the handset's basic settings can be found here <>.

To reset the settings in COMAND Online, it is necessary to reset COMAND Online. Link ->

- ▶ Tap on **Reset** in the settings menu
The menu for resetting the settings appears.
- ▶ Tap on **Reset settings on handset** to begin the reset.
- ▶ By tapping on **OK**, you confirm that you acknowledge the consequences of resetting. The handset is reset in the next step.
- ▶ Tap on **Yes** to confirm that you want to reset the handset.
All the data stored on the handset will be deleted.
- ▶ Press **No** to cancel the reset.

Audio CD/DVD and MP3 mode

Important safety notes

WARNING

The CD/DVD drive is a class 1 laser product. Never open the housing. There is a risk of exposure to invisible laser radiation if the housing is opened, or if the casing is faulty or damaged.

The Rear Seat Entertainment System contains no parts which you can repair yourself. For safety reasons, all maintenance work must be carried out by qualified aftersales technicians.

General notes

You will find information on the following topics in the Audio section:

- Notes on CDs/DVDs
- Notes on MP3 mode (▷ page 499)
- Notes on copyright

Inserting a CD/DVD



- ① Disc slot
- ② Disc eject button

Depending on the vehicle model and equipment level, the CD/DVD drive is found:

- behind the centre console in a folding compartment, or
- under the rear bench seat, or
- in the stowage box between the rear seats.



The CD/DVD drive is a single disc drive. If there is already a disc inserted, this must be ejected before another is inserted.

- ▶ Insert a disc into the disc slot.

The printed side of the disc must face upwards. If neither side of the disc is printed, the side you wish to play must face downwards.

The CD/DVD drive draws in the disc.

The CD/DVD drive plays the disc:

- if it has been inserted correctly and is a permissible disc, and
- after you have switched on disc mode (audio CD/audio DVD/MP3 mode) (▷ page 552).

Data on an MP3 CD first needs to be loaded by the drive. Loading may take some time, depending on the number of folders and tracks.


Switching to audio CD, audio DVD or MP3 mode







Dummy

Ersatzbild für BR222

Example: audio CD mode

- ① Data medium type 
- ② Track number
- ③ Track name (only if stored on the disc as CD text)
- ④ Track time
- ⑤ Graphic time and track display
- ⑥ Current playback settings (no symbol for "Normal track sequence")
- ⑦ To set the bass
- ⑧ To set the treble
- ⑨ Disc name (if stored on the disc as CD text)
- ⑩ To call up the track list
- ⑪ Playback options


- ▶ Insert a CD/DVD (▷ page 551).
The Rear Seat Entertainment System loads the inserted disc.
- ▶ Select **Disc** in the menu using the    buttons on the remote control and confirm by pressing the  button.
The corresponding mode is switched on.
The Rear Seat Entertainment System plays the disc.



Dummy

Ersatzbild für BR222

Example: audio DVD mode


- ① Data medium type 
- ② Track number
- ③ Track name (if stored on the disc)
- ④ Track time
- ⑤ Graphic time and track display
- ⑥ Current playback settings (no symbol for "Normal track sequence")
- ⑦ To set the bass
- ⑧ To set the treble
- ⑨ Disc name (if stored on the disc)
- ⑩ To call up the track list
- ⑪ Stop function
- ⑫ Pause function
- ⑬ Playback options



Dummy

Ersatzbild für BR222



Example: MP3 mode

- ① Data medium type 
- ② Track number
- ③ Track name
- ④ Track time
- ⑤ Graphic time and track display



- ⑥ Current playback settings (no symbol for "Normal track sequence")
 - ⑦ To set the bass
 - ⑧ To set the treble
 - ⑨ Disc name or current folder
 - ⑩ To call up the folder list
 - ⑪ Playback options, to switch track information on/off
- i** Variable bit rates in MP3 tracks can result in the elapsed time shown being different to the actual elapsed time.

Selecting a track

Selecting by skipping to a track

- ▶ **To skip forwards or backwards to a track:** press the  or  button on the remote control.

or

- ▶ Press the  or  button. The skip forward function skips to the next track.

If the elapsed track time has passed 8 seconds, the function skips back to the beginning of the track. If the elapsed time is shorter, it will skip to the start of the previous track.




If the [Random tracks](#) or [Random folder](#) playback option has been selected, the track order is random.


Selecting by track list

In audio CD mode, the track list contains all tracks on the disc currently playing.






In audio DVD mode, the track list contains all tracks in the currently active group.

In MP3 mode, the track list shows all tracks in the currently active folder as well as the folder structure, allowing you to select any track on the MP3 CD.


- ▶ Select [Track list](#) (audio CD/DVD mode) or [Folder](#) (MP3 mode) using the    buttons on the remote

control, and confirm by pressing the  button.

or

- ▶ Press the  button when the display/selection window is active. The track list appears. The  dot indicates the current track.
- ▶ Select a track using the   buttons and press the  button to confirm.

Making a selection by entering the track number directly

- ▶ Press the  button on the remote control. The track entry display appears.

Example: track 2



- ▶ Press number button **2**.

Example: track 12



- ▶ Press the corresponding number keys in rapid succession.
- ▶ Wait for approximately three seconds after making the entry. You will hear the track that has been entered. The corresponding basic menu then reappears.

- i** It is not possible to enter numbers that exceed the number of tracks on the CD or in the currently active folder.

Fast forward/rewind





- ▶ With the display/selection window active, press the  or  button on the remote control repeatedly until you reach the desired position.

or


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

Selecting a folder

This function is only available in MP3 mode.




- ▶ Select **Fo**lder in MP3 mode using the    buttons on the remote control and press the  button to confirm.

or

- ▶ Press the  button when the display/selection window is active. The folder content appears.









- ① Folder selection symbol
- ② Current folder name
- ③ Track symbol

- ▶ **To switch to the superordinate folder:** select symbol ① using the   buttons on the remote control and press the  button to confirm. The display shows the next folder up.














- ① Folder selection symbol
- ② Folder symbol

- ▶ Select a folder using the   buttons and press the  button to confirm. You will see the tracks in the folder.
- ▶ Select a track using the   buttons and press the  button to confirm. The track is played and the corresponding folder is now the active folder.















Pause function

This function is only available in audio DVD mode.













- ▶ **To pause playback:** select  using the    buttons on the remote control and press the  button to confirm. The  display changes to .
- ▶ **To continue playback:** select  and press the  button to confirm. The  display changes to .

Stop function








This function is only available in audio DVD mode.

- ▶ **To interrupt playback:** select  using the    buttons on the remote control and press the  button to confirm. The  display changes to .
- ▶ **To continue playback:** select  and press the  button to confirm. Playback continues from the point where it was interrupted.
- ▶ **To stop playback:** while playback is interrupted, select  again and press the  button to confirm. Playback stops and returns to the beginning of the DVD.  is highlighted.
- ▶ **To restart playback:** select  and press the  button to confirm. Playback starts from the beginning of the DVD.

Setting the audio format

- ▶ Select **DVD-A** using the    buttons on the remote control and press  to confirm.
- ▶ Select **Group** using the   buttons and press the  button to confirm. The list of available audio formats appears. The • dot indicates the format currently selected.
- ▶ Select an audio format using the   buttons and press the  button to confirm.
- ▶ **To exit the menu:** press the  or  button.

Playback options








- ▶ Select **CD**, **DVD-A** or **MP3** using the    buttons on the remote control and press the  button to confirm. The options list appears. The • dot indicates the option currently selected.
- ▶ Select **Normal track sequence**, **Random tracks** or **Random folder** using the   buttons and press the  button to confirm. The option is switched on. For all options except **Normal track sequence**, you will see a corresponding display in the display/selection window.

i If you switch the data carrier which you are currently listening to, the **Normal track sequence** option is activated automatically. If an option is selected, it remains selected after the Rear Seat Entertainment System is switched on or off.

Switching track information on/off (MP3 mode only)

If the function is switched on, folder and track names are displayed.

If the function is switched off, disc and file names are displayed.





- ▶ Select **MP3** using the    buttons on the remote control and press the  button to confirm.
- ▶ Select **Display track information** using the   buttons and press the  button to confirm. The function is switched on or off , depending on the previous status.

TV mode





General notes

Information on channel reception quality can be found in the "Media" section (▷ page 520).





Switching to TV mode

- ▶ Select **TV** using the    buttons on the remote control and press the  button to confirm. You see the last TV channel selected, provided it can still be received.

Showing/hiding the control menu



- ▶ **To show:** press the  or  button on the remote control.
- ▶ **To hide:** press the  or  button. or
- ▶ After approximately eight seconds, the menu is automatically hidden.

Showing/hiding the menu



- ▶ **To show:** press the  button on the remote control. or
- ▶ Select **Menu** while the control menu is shown and press the  button to confirm.
- ▶ **To hide:** press the  button, select **Full screen** and press the  button to confirm.

Selecting TV channels


Selecting channels using the control menu

- ▶ Press the  or  button on the remote control while the display window is active.


or





- ▶ Press the  or  button.
The TV tuner selects the previous or next channel from the alphabetical channel list.




Setting channels via the channel presets

- ▶ **To show the menu:** press the  button on the remote control.

or

- ▶ Select **Menu** while the control menu is shown and press the  button to confirm.

- ▶ Select **Presets** using the   buttons and press the  button to confirm.
The channel preset memory appears. The  dot indicates where the selected channel is currently stored.


- ▶ Select a channel using the   buttons and press the  button to confirm.

or


- ▶ Press a number button.




Setting a channel from the channel list

Notes on the channel list can be found in the "Media" section (▷ page 521). Information regarding COMAND Online also applies to the Rear Seat Entertainment System.


- ▶ **To show the menu:** press the  button on the remote control.




or

- ▶ Select **Menu** while the control menu is shown and press the  button to confirm.

- ▶ Select **TV** using the   buttons and press the  button to confirm.

- ▶ Select **Channel list** and press the  button to confirm.


The channel list appears. The  dot in front of a list entry indicates the currently selected channel. A number before the list entry shows the memory slot in the channel presets.

- ▶ Select a channel using the   buttons and press the  button to confirm.


Selecting channels by entering the channel and programme number




Several programmes can be transmitted on one channel with digital TV. You can therefore enter a channel and the desired programme on this channel.


Only one programme can be transmitted on a channel with analogue TV. The programme entry function therefore has no effect.


- ▶ **To show the menu:** press the  button on the remote control.


or

- ▶ Select **Menu** while the control menu is shown and press the  button to confirm.

- ▶ **Option 1:** select **TV** using the   buttons and press the  button to confirm.

- ▶ Select **Channel entry** and press the  button to confirm.

- ▶ **Option 2:** press the  button while the TV is playing.
Irrespective of the option, an input bar appears at the top of the screen.

- ▶ **To set a channel:** enter the channel number using the number keys and press the  button to confirm.

or

- ▶ Press and hold the number key until the entry line is hidden.
The channel is set.

- ▶ **i** If you have not entered a programme number, the first programme with adequate reception will be set for a digital channel.
- ▶ **i** You can enter channels or programmes available in your country even if the reception is currently not adequate.
If you enter channels that are either not intended for or not allowed in your country, the **Invalid channel number** message appears.

Storing TV channels

Storing channels manually

There are ten preset positions available.

- ▶ **To show the menu:** press the **OK** button on the remote control or confirm **Menu** by pressing the **OK** button while the control menu is shown.
- ▶ Select **Presets** using the **◀ ▶** buttons and press the **OK** button to confirm. The channel preset memory appears. The
 - dot indicates under which preset the currently selected channel is stored.
- ▶ **To store a channel:** select a preset using the **▲ ▼** buttons and press and hold the **OK** button until you hear a tone.

or

- ▶ Press and hold a number button until you hear a tone.
The TV picture then reappears.

Storing channels automatically

This function automatically stores channels with adequate reception in order of their reception quality. Any channels stored manually in the preset memory will be lost.

- ▶ **To show the menu:** press the **OK** button on the remote control or confirm **Menu** by pressing the **OK** button while the control menu is shown.

- ▶ Select **Presets** using the **◀ ▶** buttons and press the **OK** button to confirm.
- ▶ Select **Autostore** and press the **OK** button to confirm.
The Rear Seat Entertainment System searches for channels it can receive. The available channels are automatically stored in the preset positions.

Information about the current programme

This function is only available on digital TV channels. If you are watching an analogue TV channel, this menu cannot be selected.

- ▶ **To show the menu:** press the **OK** button on the remote control or confirm **Menu** by pressing the **OK** button while the control menu is shown.
- ▶ Select **Info** using the **◀ ▶** buttons and press the **OK** button to confirm. If the current TV channel provides the corresponding information, this will be displayed.

- ▶ **i** It can take a few seconds for the information to be displayed.

Displaying the current programme or programme preview

This function is only available on digital TV channels. The programme preview is also referred to as the electronic programme guide (EPG).





- ▶ **To show the menu:** press the **OK** button on the remote control or confirm **Menu** by pressing the **OK** button while the control menu is shown.
- ▶ Select **TV** using the **◀ ▶** buttons and press the **OK** button to confirm.
- ▶ Select **Channel list** and press the **OK** button to confirm.
The channel list appears. It shows the current programme on the digital TV channels

with adequate reception. The • dot in front of a list entry indicates the currently selected channel.



- ▶ **To show the programme preview:** select **Display programme preview** and press the **OK** button to confirm.
The channel list shows the channel's next programme.
- ▶ **To show the current programme:** select **Display current programme** and press the **OK** button to confirm.
- ▶ **To close the display:** press the  button.

Basic TV settings

Fixing the frequency

- ▶ **To show the menu:** press the **OK** button on the remote control or confirm **Menu** by pressing the **OK** button while the control menu is shown.
- ▶ Select **TV** using the   buttons and press the **OK** button to confirm.
- ▶ Select **Channel fix** and press the **OK** button to confirm.
The function is switched on or off , depending on the previous status. When the function is switched on, **FIX** appears in the display window.
- ▶ **To exit the menu:** press the  or  button.

Setting the reception region




- ▶ **To show the menu:** press the **OK** button on the remote control or confirm **Menu** by pressing the **OK** button while the control menu is shown.
- ▶ Select **TV** using the   buttons and press the **OK** button to confirm.
- ▶ Select **TV standard** and press the **OK** button to confirm.
A list appears showing the reception regions. The • dot in front of a list entry

indicates the currently selected reception area or country.



- ▶ Select the reception area and press the **OK** button to confirm.
A message appears to inform you that if the wrong country is set, correct reception will not be possible.
- ▶ Select **Yes** or **No** and press the **OK** button to confirm.
If you select **Yes**, the Rear Seat Entertainment System switches the country.
If you select **No**, the country list will appear again.

Teletext

Switching teletext on/off

- ▶ **To show the menu:** press the **OK** button on the remote control.
- or
- ▶ Select **Menu** while the control menu is shown and press the **OK** button to confirm.
- ▶ **To switch on:** select **Teletext** using the   buttons and press the **OK** button to confirm.
The first teletext page is displayed.
- ▶ **To switch off:** press the  back button.

Selecting a teletext page

- ▶ **To select a page directly:** press the corresponding number keys on the remote control.
- ▶ **To call up the previous/next page:** press the  or  button.

i You can only enter pages that are permissible for teletext between 100 and 899.

Dynamic teletext page

A dynamic teletext page consists of several subpages. The display automatically changes to the next page after a certain time.

Video DVD mode

Important safety notes

WARNING

The CD/DVD drive is a class 1 laser product. If you open the housing of the CD/DVD drive, invisible laser beams may be released. These laser beams may damage your retina. There is a risk of injury.

You must not open the casing. Always have maintenance work and repairs carried out at a qualified specialist workshop.


General notes

DVD playback requirements

You may encounter playback problems when playing copied discs. There are a large variety of discs, DVD authoring software, writing software and writers available. This variety means that there is no guarantee that the Rear Seat Entertainment System will be able to play video DVDs that you have copied yourself.

Other information can be found under Video (▷ page 527). Information regarding COMAND Online also applies to the Rear Seat Entertainment System.





Function restrictions

Depending on the DVD, it is possible that certain functions or actions described in this section will be temporarily blocked or may not function at all. As soon as you try to activate these functions or actions, you will see the  symbol in the display.

Switching to video DVD mode

- ▶ Insert a video DVD (▷ page 551).
The Rear Seat Entertainment System loads the disc.
If disc mode was the last mode selected, it will now be active.

If it was not, switch on video DVD mode as described in the following instructions.



- ▶ Select **Disc** in the menu using the    buttons on the remote control and confirm by pressing the  button.
If the video DVD fulfils the playback criteria: the film either starts automatically or the menu saved on the DVD appears. If the DVD menu appears, you must start the film manually.
- ▶ Select the corresponding menu item in the DVD menu.

Showing/hiding the control menu



Control menu

- ① Data medium type
- ② Current track
- ③ Current scene
- ④ Track time
- ⑤ Shows the menu

▶ **To show:** press the  or  button on the remote control.

▶ **To hide:** press the  or  button.

or


- ▶ Wait for approximately 8 seconds.

Showing/hiding the menu






Menu system

- ① Video DVD options
- ② Pause function
- ③ Stop function
- ④ To set the treble
- ⑤ To set the bass



▶ **To show:** press the  button on the remote control.

or

▶ Select **Menu** while the control menu is shown and press the  button to confirm.


▶ **To hide:** press the  button, select **Full Screen** and press the  button to confirm.

Fast forward/rewind


▶ Press and hold the  or  button on the remote control until the desired position has been reached.



You see the control menu.

Pause function



▶ **To show the menu:** press the  button on the remote control.

or

▶ Select **Menu** while the control menu is shown and press the  button to confirm.


▶ **To pause playback:** select  and press the  button to confirm.

The  display changes to .


▶ **To continue playback:** select  and press the  button to confirm.



The menu is hidden.



Stop function



▶ **To show the menu:** press the  button on the remote control.

or



▶ Select **Menu** while the control menu is shown and press the  button to confirm.

▶ **To interrupt playback:** select  and press the  button to confirm.



The  display changes to . The video image is hidden.

▶ **To continue playback:** select  and press the  button to confirm.

Playback continues from the point where it was interrupted. The menu is hidden.

▶ **To stop playback:** while playback is interrupted, select  again and press the  button to confirm.

Playback stops and returns to the beginning of the DVD.  is highlighted.

▶ **To restart playback:** select  and press the  button to confirm.



Playback starts from the beginning of the DVD.

Selecting a scene/chapter

General notes

Also observe the information on the video DVD mode (▶ page 532).

Skipping forwards/backwards

▶ Press the  or  button on the remote control.









or

▶ Press the  or  button.

The control menu (▶ page 530) appears for approximately eight seconds.



Selecting a scene/chapter directly

The examples illustrate how to select scene/chapter 5.



- ▶ **Option 1:** while the film is playing, press the  button on the remote control.
- ▶ Press the corresponding number key, such as **5**.
- ▶ **Option 2:** while the film is playing, press the  button on the remote control and show the menu.
- ▶ Select **DVD-V** and press the  button to confirm.
- ▶ Select **DVD functions** and press the  button to confirm.
- ▶ Select **Scene selection** and press the  button to confirm.
- ▶ Select **5** using the  or  button and press the  button to confirm.
In both cases, playback will begin from the 5th scene/chapter after a brief pause.


Selecting a film/title

Option 1:

- ▶ Press the  button on the remote control and show the menu.
- ▶ Select **DVD-V** and press the  button on the remote control to confirm.



- ▶ Select **DVD functions** and press the  button to confirm.
- ▶ Select **Title selection** and press the  button to confirm.

- ▶ **To call up the selection list:** press the  button.
- ▶ Select a film/track.

Option 2:

Example: selecting film 2





- ▶ Press button **2**.
After a brief pause, the second film is played.

DVD menu

Calling up the DVD menu

The DVD menu is the menu stored on the DVD itself. It is structured in various ways according to the individual DVD and permits certain actions and settings.


In the case of multi-language DVDs, for example, you can change the DVD language in the DVD menu.

- ▶ Press the  button on the remote control and show the menu.
- ▶ Select **DVD-V** and press the  button on the remote control to confirm.
- ▶ Select **DVD functions** and press the  button to confirm.
- ▶ Select **Menu** and press the  button to confirm.
The DVD menu appears.


Selecting menu items in the DVD menu






- ▶ Select a menu item using the     buttons on the

remote control and press the  button to confirm.






A menu appears.

- ▶ Confirm **Select** by pressing the  button. The Rear Seat Entertainment System carries out the action or shows a submenu.
- ▶ If available, additional options can now be selected. The Rear Seat Entertainment System then switches back to the DVD menu.


i Menu items that cannot be selected are shown in grey.

i Depending on the DVD, the menu items: **Back (to the movie)**, **Play, Stop**, ,  or **Go up** may either not function at all or may not function at certain points in the DVD menu. To indicate this, the  symbol appears in the display.



Stopping a film or skipping to the beginning or end of a scene

- ▶ Select any menu item from the DVD menu. The menu appears.
- ▶ **To stop the film:** select the **Stop** menu item and press the  button on the remote control to confirm.
- ▶ **To skip to the end of a scene:** select the  menu item and press the  button to confirm.
- ▶ **To skip to the beginning of a scene:** select the  menu item and press the  button to confirm.


Moving up one level in the DVD menu

- ▶ Show the DVD menu.
- ▶ Press the  back button on the remote control or select the corresponding menu item in the DVD menu.



or

- ▶ Select any menu item in the DVD menu and press  the COMAND controller to confirm.
- ▶ Select **Go up** and press  to confirm.

Going back to the film










- ▶ Press the  back button repeatedly until you see the movie.

or

- ▶ Select any menu item in the DVD menu and press the  button to confirm.
- ▶ Select the **Back (to the movie)** menu item in the menu and press the  button to confirm.










Setting the audio format

This function is not available on all DVDs. If it is available, you can set the audio language or the audio format. The number of settings is dependent on the DVD content. It may also be possible to access the settings from the DVD menu.

- ▶ Press the  button on the remote control and show the menu.
- ▶ Select **DVD-V** and press the  button on the remote control to confirm.
- ▶ Select **DVD functions** and press the  button to confirm.
- ▶ Select **Audio Language** and press the  button to confirm. A menu appears after a short while. The
 - dot in front of an entry indicates the currently selected language.
- ▶ Select a language using the   buttons and press the  button to confirm.
- ▶ **To exit the menu:** press the  or  button.







Subtitles and camera angle

These functions are not available on all DVDs. The number of subtitle languages and camera angles available depends on the content of the DVD. It may also be possible to access the settings from the DVD menu.

- ▶ Press the  button on the remote control and show the menu.
- ▶ Select **DVD-V** and press the  button on the remote control to confirm.
- ▶ Select **DVD functions** and press the  button to confirm.
- ▶ Select **Subtitles** or **Camera angle** and press the  button to confirm.
In both cases, a menu appears after a few seconds. The **•** dot in front of an entry indicates the current setting.
- ▶ Select a setting using the   buttons and press the  button to confirm.
- ▶ **To exit the menu:** press the  or  button.

Interactive content

DVDs may also contain interactive content (e.g. a video game). In a video game, you may be able to influence events, for example, by selecting and triggering actions. The type and number of actions depend on the DVD.

- ▶ Select an action using the     buttons on the remote control and press the  button to execute it.
A menu appears and the first entry, **Select**, is highlighted.
- ▶ Press the  button.

Navitainment

Online and Internet functions

1 Technical Information

1.1 Materials


NTG5 infotainment system está em conformidade com os mais recentes lançamentos de directivas RoHS (2002/95/EC) e ELV (2000/53/EC), e também o regulamento REACH (CE) No. 1907/2006.

Marcação de polímero partes acc. a VDA 260, respectivamente EN ISO 1043. Declaration of Conformity to EC regulation R&TTE.

1.2 Declaration of Conformity to EC regulation R&TTE



Česky [Czech]:	HARMAN tímto prohlašuje, že tento NTG5 system je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]:	Undertegnede HARMAN erklærer herved, at følgende udstyr NTG5 system overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]:	Hiermit erkläre HARMAN, dass sich das Gerät NTG5 system in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]:	Käesolevaga kinnitab HARMAN seadme NTG5 system vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English:	Hereby, HARMAN, declares that this NTG5 system is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]:	Por medio de la presente HARMAN declara que el NTG5 system cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]:	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ HARMAN ΔΗΛΩΝΕΙ ΟΤΙ NTG5 system ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/EK.
Français [French]:	Par la présente HARMAN déclare que l'appareil NTG5 system est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]:	Con la presente HARMAN dichiara che questo NTG5 system è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]:	Ar šo HARMAN deklarē, ka NTG5 system atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]:	Šiuo HARMAN deklaruoją, kad šis NTG5 system atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]:	Hierbij verklaart HARMAN dat het toestel NTG5 system in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]:	Hawnhekk, HARMAN, jiddikjara li dan NTG5 system jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 1999/5/EC.
Magyar [Hungarian]:	Alulírott, HARMAN nyilatkozom, hogy a NTG5 system megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]:	Niniejszym HARMAN oświadcza, że NTG5 system jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC
Português [Portuguese]:	HARMAN declara que este NTG5 system está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]:	HARMAN izjavlja, da je ta NTG5 system v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]:	HARMAN týmto vyhlasuje, že NTG5 system spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]:	HARMAN vakuuttaa täten että NTG5 system tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]:	Härmed intygar HARMAN att denna NTG5 system står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Íslenska [Icelandic]:	Hér með lýsir HARMAN yfir því að NTG5 system er í samræmi við grunnkröfur og aðrar kröfur, sem

	<p>User Instruction</p>	<p>NTG5</p>
---	-------------------------	-------------

	gerðar eru í tilskipun 1999/5/EC
Norsk [Norwegian]:	HARMAN erklærer herved at utstyret NTG5 system er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

1.3 FCC statements (North America)

(§15.19)

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

- (1) this device may not cause harmful interference, and**
- (2) this device must accept any interference received, including interference that may cause undesired operation"**

and (§15.21)

"CAUTION TO USERS" / "FCC WARNING"

"Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment "

1.4 Industry Canada (IC) statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et*
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

1.5 Type of Equipment User's Guide for KOREA

Type of Equipment	User's Guide
<p>A급 기기 (업무용 방송통신기자재)</p>	<p>이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.</p>
<p>Class A Equipment (Industrial Broadcasting & Communication Equipment)</p>	<p>This equipment is Industrial (Class A) electromagnetic wave suitability equipment and seller or user should take notice of it, and this equipment is to be used in the places except for home.</p>

1.6 Argentina declaration

Certification number:: Aprobado CNC XXXX/YY

(certification number will be included as soon as the homologation is finished)

1.7 Armenia declaration

Manual will be available in Russian language.

1.8 Botswana declaration

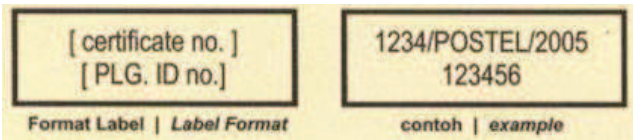
Information after homologation is finished - will be included here.

1.9 Brazil declaration



Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

1.10 Indonesia declaration



Number to be filled after homologation is finished.

1.11 Oman declaration



Number to be filled after homologation is finished.

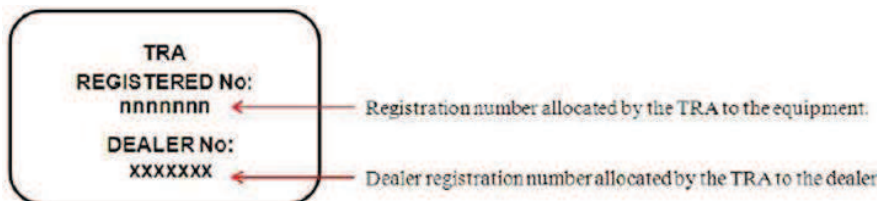
1.12 Russia declaration

Registration Nr. XX-XXXX.

Number to be filled after homologation is finished.

(when GOST-R is applicable then the label will be printed in U/M accordingly)

1.13 United Arab Emirates - declaration



1.14 Mexico declaration

'Para cumplimiento de la Cofetel:

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada”

(Translation: To be in compliance with the Cofetel:

The operation of this equipment is subject to the following two conditions: (1) it is possible that this equipment or device may not cause harmful interference, and (2) the equipment or device must accept any interference, including interference that may cause undesired operation).

1.15 Environmental information

Remote Control and Wireless Headphone -

Batteries contain harmful substances. Please don't throw into household trash. Use environmental disposal.